Object	Property Name	Property Value
Line	Name	I196382
	Location X-Coordinate	0
	Location Y-Coordinate	300
	Color	Default
	Start X-Coordinate	0
	Start Y-Coordinate	300
	End X-Coordinate	1169
	End Y-Coordinate	300
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I196384
	Location X-Coordinate	500
	Location Y-Coordinate	300
	Color	Default
	Start X-Coordinate	500
	Start Y-Coordinate	300
	End X-Coordinate	500
	End Y-Coordinate	826
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I198338
	Location X-Coordinate	220
	Location Y-Coordinate	0
	Color	Default
	Start X-Coordinate	220
	Start Y-Coordinate	0
	End X-Coordinate	220
	End Y-Coordinate	300
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
CAM_MCLK (Wire ID = 87886)	Net Name	CAM_MCLK
	ID	272448

Object	Property Name	Property Value
TWI2_SDA (Wire ID = 162704)	Net Name	TWI2_SDA
	ID	272484

Object	Property Name	Property Value
TWI2_SCK (Wire ID = 162708)	Net Name	TWI2_SCK
	ID	272477

Object	Property Name	Property Value
TWI2_SCK (Wire ID = 162712)	Net Name	TWI2_SCK
	ID	272477

Object	Property Name	Property Value
TWI2_SDA (Wire ID = 162759)	Net Name	TWI2_SDA
	ID	272484

Object	Property Name	Property Value
GND (Wire ID = 179409)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
CAM_AVDD_2V8 (Wire ID = 179441)	Net Name	CAM_AVDD_2V8
	ID	272467

Object	Property Name	Property Value
TWI2_SCK (Wire ID = 179451)	Net Name	TWI2_SCK
	ID	272477

Object	Property Name	Property Value
CAM_RESET (Wire ID = 179455)	Net Name	CAM_RESET
	ID	272428

Object	Property Name	Property Value
CAM_VSYNC (Wire ID = 179459)	Net Name	CAM_VSYNC
	ID	272426

Object	Property Name	Property Value
CAM_PWDN (Wire ID = 179463)	Net Name	CAM_PWDN
	ID	272466

Object	Property Name	Property Value
CAM_HSYNC (Wire ID = 179467)	Net Name	CAM_HSYNC
	ID	272453

Object	Property Name	Property Value
CAM_DVDD_1V5 (Wire ID = 179471)	Net Name	CAM_DVDD_1V5
	ID	272476

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 179475)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
CAM_D7 (Wire ID = 179479)	Net Name	CAM_D7
	ID	272452

Object	Property Name	Property Value
CAM_MCLK (Wire ID = 179483)	Net Name	CAM_MCLK
	ID	272448

Object	Property Name	Property Value
CAM_D6 (Wire ID = 179487)	Net Name	CAM_D6
	ID	272431

Object	Property Name	Property Value
GND (Wire ID = 179491)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
CAM_D5 (Wire ID = 179495)	Net Name	CAM_D5
	ID	272423

Object	Property Name	Property Value
CAM_PCLK (Wire ID = 179499)	Net Name	CAM_PCLK
	ID	272421

Object	Property Name	Property Value
CAM_D4 (Wire ID = 179503)	Net Name	CAM_D4
	ID	272509

Object	Property Name	Property Value
CAM_D0 (Wire ID = 179507)	Net Name	CAM_D0
	ID	272457

Object	Property Name	Property Value
CAM_D3 (Wire ID = 179511)	Net Name	CAM_D3
	ID	272427

Object	Property Name	Property Value
CAM_D1 (Wire ID = 179515)	Net Name	CAM_D1
	ID	272424

Object	Property Name	Property Value
CAM_D2 (Wire ID = 179519)	Net Name	CAM_D2
	ID	272470

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 179523)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
GND (Wire ID = 179527)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
CAM_HSYNC (Wire ID = 179531)	Net Name	CAM_HSYNC
	ID	272453

Object	Property Name	Property Value
CAM_VSYNC (Wire ID = 179535)	Net Name	CAM_VSYNC
	ID	272426

Object	Property Name	Property Value
CAM_PCLK (Wire ID = 179539)	Net Name	CAM_PCLK
	ID	272421

Object	Property Name	Property Value
CAM_D0 (Wire ID = 179543)	Net Name	CAM_D0
	ID	272457

Object	Property Name	Property Value
CAM_D1 (Wire ID = 179547)	Net Name	CAM_D1
	ID	272424

Object	Property Name	Property Value
CAM_D2 (Wire ID = 179551)	Net Name	CAM_D2
	ID	272470

Object	Property Name	Property Value
CAM_D3 (Wire ID = 179555)	Net Name	CAM_D3
	ID	272427

Object	Property Name	Property Value
CAM_D4 (Wire ID = 179559)	Net Name	CAM_D4
	ID	272509

Object	Property Name	Property Value
CAM_D5 (Wire ID = 179563)	Net Name	CAM_D5
	ID	272423

Object	Property Name	Property Value
CAM_D6 (Wire ID = 179567)	Net Name	CAM_D6
	ID	272431

Object	Property Name	Property Value
CAM_D7 (Wire ID = 179571)	Net Name	CAM_D7
	ID	272452

Object	Property Name	Property Value
GND (Wire ID = 180136)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 180147)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 180149)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 180153)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 180184)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 180201)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 180224)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
TWI2_SCK (Wire ID = 180304)	Net Name	TWI2_SCK
	ID	272477

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 180381)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 180383)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
GND (Wire ID = 180499)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
CAM_PWDN (Wire ID = 180523)	Net Name	CAM_PWDN
	ID	272466

Object	Property Name	Property Value
CAM_RESET (Wire ID = 180671)	Net Name	CAM_RESET
	ID	272428

Object	Property Name	Property Value
GND (Wire ID = 181000)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
CAM_RESET (Wire ID = 181070)	Net Name	CAM_RESET
	ID	272428

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 181482)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 181484)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
TWI2_SDA (Wire ID = 183468)	Net Name	TWI2_SDA
	ID	272484

Object	Property Name	Property Value
TWI2_SDA (Wire ID = 183470)	Net Name	TWI2_SDA
	ID	272484

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195747)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
CAM_DVDD_1V5 (Wire ID = 195773)	Net Name	CAM_DVDD_1V5
	ID	272476

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195777)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
CAM_AVDD_2V8 (Wire ID = 195803)	Net Name	CAM_AVDD_2V8
	ID	272467

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195807)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195811)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
CAM_DVDD_1V5 (Wire ID = 195815)	Net Name	CAM_DVDD_1V5
	ID	272476

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195819)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195823)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
CAM_AVDD_2V8 (Wire ID = 195827)	Net Name	CAM_AVDD_2V8
	ID	272467

Object	Property Name	Property Value
GND (Wire ID = 195831)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 195835)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 195839)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 195843)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195847)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195851)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195887)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
CAM_DVDD_1V5 (Wire ID = 195891)	Net Name	CAM_DVDD_1V5
	ID	272476

Object	Property Name	Property Value
CAM_AVDD_2V8 (Wire ID = 195895)	Net Name	CAM_AVDD_2V8
	ID	272467

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195899)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195903)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195907)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195911)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195915)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195919)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195923)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195927)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 195931)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
CAM_DVDD_1V5 (Wire ID = 195935)	Net Name	CAM_DVDD_1V5
	ID	272476

Object	Property Name	Property Value
CAM_DVDD_1V5 (Wire ID = 195939)	Net Name	CAM_DVDD_1V5
	ID	272476

Object	Property Name	Property Value
CAM_DVDD_1V5 (Wire ID = 195943)	Net Name	CAM_DVDD_1V5
	ID	272476

Object	Property Name	Property Value
CAM_AVDD_2V8 (Wire ID = 195947)	Net Name	CAM_AVDD_2V8
	ID	272467

Object	Property Name	Property Value
CAM_AVDD_2V8 (Wire ID = 195951)	Net Name	CAM_AVDD_2V8
	ID	272467

Object	Property Name	Property Value
CAM_AVDD_2V8 (Wire ID = 195955)	Net Name	CAM_AVDD_2V8
	ID	272467

Object	Property Name	Property Value
GND (Wire ID = 196103)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196107)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196111)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196115)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196119)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196123)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196127)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196131)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196135)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196139)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196143)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196147)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196151)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196155)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196159)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196163)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196167)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
GND (Wire ID = 196171)	Net Name	GND
	ID	272491

Object	Property Name	Property Value
CAM_MCLK (Wire ID = 198496)	Net Name	CAM_MCLK
	ID	272448

Object	Property Name	Property Value
CAM_PCLK (Wire ID = 198500)	Net Name	CAM_PCLK
	ID	272421

Object	Property Name	Property Value
CAM_VSYNC (Wire ID = 198504)	Net Name	CAM_VSYNC
	ID	272426

Object	Property Name	Property Value
CAM_HSYNC (Wire ID = 204594)	Net Name	CAM_HSYNC
	ID	272453

Object	Property Name	Property Value
CAM_DVDD_1V5 (Wire ID = 204606)	Net Name	CAM_DVDD_1V5
	ID	272476

Object	Property Name	Property Value
CAM_AVDD_2V8 (Wire ID = 204610)	Net Name	CAM_AVDD_2V8
	ID	272467

Object	Property Name	Property Value
CAM_D0 (Wire ID = 204700)	Net Name	CAM_D0
	ID	272457

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 225907)	Net Name	VCC_3V3
	ID	272433

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	120
	Location Y-Coordinate	400
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	220
	Location Y-Coordinate	740
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	120
	Location Y-Coordinate	610
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	80
	Location Y-Coordinate	560
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	80
	Location Y-Coordinate	440
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	950
	Location Y-Coordinate	60
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	570
	Location Y-Coordinate	390
	Color	Default

Object	Property Name	Property Value
CAM_DVDD_1V5	Name	CAM_DVDD_1V5
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	740
	Location Y-Coordinate	390
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	900
	Location Y-Coordinate	390
	Color	Default

Object	Property Name	Property Value
CAM_AVDD_2V8	Name	CAM_AVDD_2V8
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	1050
	Location Y-Coordinate	390
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	590
	Location Y-Coordinate	450
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	910
	Location Y-Coordinate	450
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	580
	Location Y-Coordinate	550
	Color	Default

Object	Property Name	Property Value
CAM_DVDD_1V5	Name	CAM_DVDD_1V5
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	910
	Location Y-Coordinate	550
	Color	Default

Object	Property Name	Property Value
CAM_AVDD_2V8	Name	CAM_AVDD_2V8
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	1030
	Location Y-Coordinate	550
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	580
	Location Y-Coordinate	630
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	910
	Location Y-Coordinate	630
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	1030
	Location Y-Coordinate	630
	Color	Default

Object	Property Name	Property Value
TWI2_SCK	Name	TWI2_SCK
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	Location X-Coordinate	80
	Location Y-Coordinate	70
	Color	Default

Object	Property Name	Property Value
TWI2_SDA	Name	TWI2_SDA
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	Location X-Coordinate	80
	Location Y-Coordinate	80
	Color	Default

Object	Property Name	Property Value
TitleBlockNefu	Page Count	10
	Page Number	0
	OrgAddr4	
	OrgAddr3	
	OrgAddr2	
	OrgAddr1	
	OrgName	
	Title	D1S_NEFU
	Cage Code	
	RevCode	1.0
	Doc	
	Name	TitleBlockNefu
	Design Name	D1S_NEFU_V1_0
	Design File Name	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\D1S_
	Design Create Date	Tuesday, November 05, 2024
	Design Modify Date	Friday, December 20, 2024
	Design Create Time	11:19:09
	Design Modify Time	08:07:15
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, November 05, 2024
	Schematic Modify Date	Thursday, December 19, 2024
	Schematic Create Time	11:19:10
	Schematic Modify Time	08:07:16
	Schematic Page Count	10
	Schematic Page Number	10
	Page Size	A4
	Page Create Date	Thursday, November 28, 2024
	Page Modify Date	Thursday, December 19, 2024
	Page Create Time	08:05:15
	Page Modify Time	07:53:24
	Location X-Coordinate	789
	Location Y-Coordinate	736
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Symbol	TitleBlockNefu
	Page Name	09 CAMERA

Object	Property Name	Property Value
INS180578	PCB Footprint	c0402
	Name	INS180578
	Part Reference	C77
	Reference	C77
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	80
	Location Y-Coordinate	530
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	CAM_RESET
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS196037	PCB Footprint	c0603
	Name	INS196037
	Part Reference	C83
	Reference	C83
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	910
	Location Y-Coordinate	590
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	CAM_DVDD_1V5
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS58555	PCB Footprint	elqfp128
	Name	INS58555
	Part Reference	U2H
	Reference	U2
	Designator	H
	Value	D1s
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	400
	Location Y-Coordinate	70
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	D1sH.Normal
	Source Package	D1s
	Power Pins Visible	False
	Graphic	D1sH.Normal

Object	Property Name	Property Value
VCC-PE	Name	VCC-PE
	Number	34
	Swap Id	-1
	Type	Power
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
PE3/NCSI0_MCLK/UART2_RX/TWI0_SDA/CLK_FANOUT1/UART0_RX/ RGMII_TXCK/RMII_TXCK/PE_EINT3	Name	PE3/NCSI0_MCLK/UART2_RX/TWI0_SDA/CLK_FANOUT1/UART0_R:
	Number	33
	Swap Id	-1
	Type	Passive
	Net Name	CAM_MCLK
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
PE2/NCSI0_PCLK/UART2_TX/TWI0_SCK/CLK_FANOUT0/UART0_TX/ RGMII_RXD1/RMII_RXD1/PE_EINT2	Name	PE2/NCSI0_PCLK/UART2_TX/TWI0_SCK/CLK_FANOUT0/UART0_TX
	Number	35
	Swap Id	-1
	Type	Passive
	Net Name	CAM_PCLK
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
PE11/NCSI0_D7/UART1_RX/I2S0_DOUT3/I2S0_DIN3/JTAG_CK/RGMII_TXD2/PE_EINT11	Name	PE11/NCSI0_D7/UART1_RX/I2S0_DOUT3/I2S0_DIN3/JTAG_CK/RGM
	Number	36
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D7
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
PE10/NCSI0_D6/UART1_TX/PWM4/IR_RX/JTAG_DO/EPHY_25M/PE_EINT10	Name	PE10/NCSI0_D6/UART1_TX/PWM4/IR_RX/JTAG_DO/EPHY_25M/PE_
	Number	37
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D6
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
PE9/NCSI0_D5/UART1_CTS/PWM3/UART3_RX/JTAG_DI/MDIO/PE_EINT9	Name	PE9/NCSI0_D5/UART1_CTS/PWM3/UART3_RX/JTAG_DI/MDIO/PE_E
	Number	38
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D5
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
PE8/NCSI0_D4/UART1_RTS/PWM2/UART3_TX/JTAG_MS/MDC/PE_EINT8	Name	PE8/NCSI0_D4/UART1_RTS/PWM2/UART3_TX/JTAG_MS/MDC/PE_E
	Number	39
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D4
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
PE7/NCSI0_D3/UART5_RX/TWI3_SDA/SPDIF_OUT/D_JTAG_CK/R_JTAG_CK/ RGMII_CLKIN/RMII_RXER/PE_EINT7	Name	PE7/NCSI0_D3/UART5_RX/TWI3_SDA/SPDIF_OUT/D_JTAG_CK/R_J
	Number	40
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D3
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
PE6/NCSI0_D2/UART5_TX/TWI3_SCK/SPDIF_IN/D_JTAG_DO/R_JTAG_DO/ RGMII_TXCTRL/RMII_TXEN/PE_EINT6	Name	PE6/NCSI0_D2/UART5_TX/TWI3_SCK/SPDIF_IN/D_JTAG_DO/R_JTA
	Number	41
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D2
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
PE5/NCSI0_D1/UART4_RX/TWI2_SDA/LEDC_DO/D_JTAG_DI/R_JTAG_DI/ RGMII_TXD1/RMII_TXD1/PE_EINT5	Name	PE5/NCSI0_D1/UART4_RX/TWI2_SDA/LEDC_DO/D_JTAG_DI/R_JTA
	Number	42
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D1
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
PE4/NCSI0_D0/UART4_TX/TWI2_SCK/CLK_FANOUT2/D_JTAG_MS/R_JTAG_MS/ RGMII_TXD0/RMII_TXD0/PE_EINT4	Name	PE4/NCSI0_D0/UART4_TX/TWI2_SCK/CLK_FANOUT2/D_JTAG_MS/
	Number	43
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D0
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
PE0/NCSI0_HSYNC/UART2_RTS/TWI1_SCK/LCD0_HSYNC/ RGMII_RXCTRL/RMII_CRS_DV/PE_EINT0	Name	PE0/NCSI0_HSYNC/UART2_RTS/TWI1_SCK/LCD0_HSYNC/ RGMII_
	Number	44
	Swap Id	-1
	Type	Passive
	Net Name	CAM_HSYNC
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
PE1/NCSI0_VSYNC/UART2_CTS/TWI1_SDA/LCD0_VSYNC/ RGMII_RXD0/RMII_RXD0/PE_EINT1	Name	PE1/NCSI0_VSYNC/UART2_CTS/TWI1_SDA/LCD0_VSYNC/ RGMII_
	Number	45
	Swap Id	-1
	Type	Passive
	Net Name	CAM_VSYNC
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
PE13/TWI2_SDA/PWM5/I2S0_DOUT0/I2S0_DIN1/DMIC_DATA3/RGMII_RXD2/PE_EINT13	Name	PE13/TWI2_SDA/PWM5/I2S0_DOUT0/I2S0_DIN1/DMIC_DATA3/RGM
	Number	31
	Swap Id	-1
	Type	Passive
	Net Name	TWI2_SDA
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
PE12/TWI2_SCK/NCSI0_FIELD/I2S0_DOUT2/I2S0_DIN2/RGMII_TXD3/PE_EINT12	Name	PE12/TWI2_SCK/NCSI0_FIELD/I2S0_DOUT2/I2S0_DIN2/RGMII_TXD3
	Number	32
	Swap Id	-1
	Type	Passive
	Net Name	TWI2_SCK
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
INS198468	PCB Footprint	tp10
	Name	INS198468
	Part Reference	T34
	Reference	T34
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	40
	Location Y-Coordinate	740
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	CAM_PCLK
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS196053	PCB Footprint	c0402
	Name	INS196053
	Part Reference	C84
	Reference	C84
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	970
	Location Y-Coordinate	590
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	CAM_DVDD_1V5
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS198482	PCB Footprint	tp10
	Name	INS198482
	Part Reference	T35
	Reference	T35
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	40
	Location Y-Coordinate	760
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	CAM_VSYNC
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS195749	PCB Footprint	sot23-5
	Name	INS195749
	Part Reference	U10
	Reference	U10
	Designator	
	Value	TLV74315
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	640
	Location Y-Coordinate	400
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TLV743P.Normal
	Source Package	TLV743P
	Power Pins Visible	False
	Graphic	TLV743P.Normal

Object	Property Name	Property Value
IN	Name	IN
	Number	1
	Swap Id	-1
	Type	Power
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	2
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
EN	Name	EN
	Number	3
	Swap Id	-1
	Type	Power
	Net Name	VCC_3V3
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
NC	Name	NC
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
OUT	Name	OUT
	Number	5
	Swap Id	-1
	Type	Power
	Net Name	CAM_DVDD_1V5
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
INS195957	PCB Footprint	c0402
	Name	INS195957
	Part Reference	C78
	Reference	C78
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	580
	Location Y-Coordinate	590
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS196069	PCB Footprint	c0603
	Name	INS196069
	Part Reference	C85
	Reference	C85
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	1030
	Location Y-Coordinate	590
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	CAM_AVDD_2V8
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS195973	PCB Footprint	c0603
	Name	INS195973
	Part Reference	C79
	Reference	C79
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	630
	Location Y-Coordinate	590
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS196085	PCB Footprint	c0402
	Name	INS196085
	Part Reference	C86
	Reference	C86
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	1090
	Location Y-Coordinate	590
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	CAM_AVDD_2V8
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS195779	PCB Footprint	sot23-5
	Name	INS195779
	Part Reference	U11
	Reference	U11
	Designator	
	Value	TLV74328
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	960
	Location Y-Coordinate	400
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TLV743P.Normal
	Source Package	TLV743P
	Power Pins Visible	False
	Graphic	TLV743P.Normal

Object	Property Name	Property Value
IN	Name	IN
	Number	1
	Swap Id	-1
	Type	Power
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	2
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
EN	Name	EN
	Number	3
	Swap Id	-1
	Type	Power
	Net Name	VCC_3V3
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
NC	Name	NC
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
OUT	Name	OUT
	Number	5
	Swap Id	-1
	Type	Power
	Net Name	CAM_AVDD_2V8
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
INS195989	PCB Footprint	c0402
	Name	INS195989
	Part Reference	C80
	Reference	C80
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	680
	Location Y-Coordinate	590
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS204584	PCB Footprint	tp10
	Name	INS204584
	Part Reference	T37
	Reference	T37
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	40
	Location Y-Coordinate	780
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	CAM_HSYNC
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS204688	PCB Footprint	tp10
	Name	INS204688
	Part Reference	T39
	Reference	T39
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	40
	Location Y-Coordinate	800
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS196005	PCB Footprint	c0603
	Name	INS196005
	Part Reference	C81
	Reference	C81
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	740
	Location Y-Coordinate	590
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS180553	PCB Footprint	r0402
	Name	INS180553
	Part Reference	R54
	Reference	R54
	Designator	
	Value	10K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	80
	Location Y-Coordinate	460
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	CAM_RESET
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS180454	PCB Footprint	r0402
	Name	INS180454
	Part Reference	R55
	Reference	R55
	Designator	
	Value	10K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	120
	Location Y-Coordinate	550
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	CAM_PWDN
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS179295	PCB Footprint	
	Name	INS179295
	Part Reference	J8
	Reference	J8
	Designator	
	Value	FPC_24PIN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	280
	Location Y-Coordinate	440
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	FPC_24PIN.Normal
	Source Package	FPC_24PIN
	Power Pins Visible	False
	Graphic	FPC_24PIN.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
10	Name	10
	Number	10
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
11	Name	11
	Number	11
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D6
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
12	Name	12
	Number	12
	Swap Id	-1
	Type	Passive
	Net Name	CAM_MCLK
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
13	Name	13
	Number	13
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D7
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
14	Name	14
	Number	14
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
15	Name	15
	Number	15
	Swap Id	-1
	Type	Passive
	Net Name	CAM_DVDD_1V5
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
16	Name	16
	Number	16
	Swap Id	-1
	Type	Passive
	Net Name	CAM_HSYNC
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
17	Name	17
	Number	17
	Swap Id	-1
	Type	Passive
	Net Name	CAM_PWDN
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
18	Name	18
	Number	18
	Swap Id	-1
	Type	Passive
	Net Name	CAM_VSYNC
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
19	Name	19
	Number	19
	Swap Id	-1
	Type	Passive
	Net Name	CAM_RESET
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
20	Name	20
	Number	20
	Swap Id	-1
	Type	Passive
	Net Name	TWI2_SCK
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
21	Name	21
	Number	21
	Swap Id	-1
	Type	Passive
	Net Name	CAM_AVDD_2V8
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
22	Name	22
	Number	22
	Swap Id	-1
	Type	Passive
	Net Name	TWI2_SDA
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
23	Name	23
	Number	23
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
24	Name	24
	Number	24
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	16
	Is No Connect	True

Object	Property Name	Property Value
SH	Name	SH
	Number	25
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	17
	Is No Connect	False

Object	Property Name	Property Value
SH	Name	SH
	Number	26
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	18
	Is No Connect	False

Object	Property Name	Property Value
3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D2
	Order	19
	Is No Connect	False

Object	Property Name	Property Value
4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D1
	Order	20
	Is No Connect	False

Object	Property Name	Property Value
5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D3
	Order	21
	Is No Connect	False

Object	Property Name	Property Value
6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D0
	Order	22
	Is No Connect	False

Object	Property Name	Property Value
7	Name	7
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D4
	Order	23
	Is No Connect	False

Object	Property Name	Property Value
8	Name	8
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	CAM_PCLK
	Order	24
	Is No Connect	False

Object	Property Name	Property Value
9	Name	9
	Number	9
	Swap Id	-1
	Type	Passive
	Net Name	CAM_D5
	Order	25
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	tp10
	Name	INS204501
	Part Reference	T36
	Reference	T36
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS204501	Implementation Path	
	Location X-Coordinate	550
	Location Y-Coordinate	770
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
	Name	TP
	Number	1
	Swap Id	-1
TP	Type	Passive
	Net Name	CAM_DVDD_1V5
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	r0402
	Name	INS180056
	Part Reference	R53
	Reference	R53
	Designator	
	Value	4.7K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS180056	Implementation Path	
	Location X-Coordinate	160
	Location Y-Coordinate	430
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TWI2_SDA
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS196021	PCB Footprint	c0402
	Name	INS196021
	Part Reference	C82
	Reference	C82
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	790
	Location Y-Coordinate	590
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS204511	PCB Footprint	tp10
	Name	INS204511
	Part Reference	T38
	Reference	T38
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	550
	Location Y-Coordinate	790
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	CAM_AVDD_2V8
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS198454	PCB Footprint	tp10
	Name	INS198454
	Part Reference	T33
	Reference	T33
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	40
	Location Y-Coordinate	720
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	CAM_MCLK
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS180072	PCB Footprint	r0402
	Name	INS180072
	Part Reference	R52
	Reference	R52
	Designator	
	Value	4.7K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	120
	Location Y-Coordinate	430
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TWI2_SCK
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
Line	Name	I104848
	Location X-Coordinate	0
	Location Y-Coordinate	360
	Color	Default
	Start X-Coordinate	0
	Start Y-Coordinate	360
	End X-Coordinate	1169
	End Y-Coordinate	360
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I104850
	Location X-Coordinate	590
	Location Y-Coordinate	360
	Color	Default
	Start X-Coordinate	590
	Start Y-Coordinate	360
	End X-Coordinate	590
	End Y-Coordinate	826
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I104929
	Location X-Coordinate	220
	Location Y-Coordinate	20
	Color	Default
	Start X-Coordinate	220
	Start Y-Coordinate	0
	End X-Coordinate	220
	End Y-Coordinate	360
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I193714
	Location X-Coordinate	0
	Location Y-Coordinate	600
	Color	Default
	Start X-Coordinate	0
	Start Y-Coordinate	600
	End X-Coordinate	590
	End Y-Coordinate	600
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I193928
	Location X-Coordinate	280
	Location Y-Coordinate	600
	Color	Default
	Start X-Coordinate	280
	Start Y-Coordinate	600
	End X-Coordinate	280
	End Y-Coordinate	826
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I194641
	Location X-Coordinate	220
	Location Y-Coordinate	190
	Color	Default
	Start X-Coordinate	220
	Start Y-Coordinate	190
	End X-Coordinate	1169
	End Y-Coordinate	190
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
N101393 (Wire ID = 101393)	Net Name	N101393
	ID	278960

Object	Property Name	Property Value
SPI0_CLK (Wire ID = 101397)	Net Name	SPI0_CLK
	ID	278882

Object	Property Name	Property Value
SPI0_CS0 (Wire ID = 101401)	Net Name	SPI0_CS0
	ID	278896

Object	Property Name	Property Value
SPI0_MOSI (Wire ID = 101419)	Net Name	SPI0_MOSI
	ID	278898

Object	Property Name	Property Value
SPI0_MISO (Wire ID = 101423)	Net Name	SPI0_MISO
	ID	278906

Object	Property Name	Property Value
SPI0_WP (Wire ID = 101427)	Net Name	SPI0_WP
	ID	278917

Object	Property Name	Property Value
SPI0_HOLD (Wire ID = 101431)	Net Name	SPI0_HOLD
	ID	278919

Object	Property Name	Property Value
SPI0_WP (Wire ID = 101491)	Net Name	SPI0_WP
	ID	278917

Object	Property Name	Property Value
SPI0_MISO (Wire ID = 101495)	Net Name	SPI0_MISO
	ID	278906

Object	Property Name	Property Value
SPI0_CS0 (Wire ID = 101499)	Net Name	SPI0_CS0
	ID	278896

Object	Property Name	Property Value
SPI0_HOLD (Wire ID = 101503)	Net Name	SPI0_HOLD
	ID	278919

Object	Property Name	Property Value
SPI0_CLK (Wire ID = 101507)	Net Name	SPI0_CLK
	ID	278882

Object	Property Name	Property Value
SPI0_MOSI (Wire ID = 101511)	Net Name	SPI0_MOSI
	ID	278898

Object	Property Name	Property Value
GND (Wire ID = 101557)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 101561)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 101563)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 101569)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 101587)	Net Name	VCC_3V3
	ID	278883

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 101589)	Net Name	VCC_3V3
	ID	278883

Object	Property Name	Property Value
SDC0_D1 (Wire ID = 101780)	Net Name	SDC0_D1
	ID	278895

Object	Property Name	Property Value
SDC0_D0 (Wire ID = 101784)	Net Name	SDC0_D0
	ID	278929

Object	Property Name	Property Value
N101788 (Wire ID = 101788)	Net Name	N101788
	ID	278968

Object	Property Name	Property Value
SDC0_CLK (Wire ID = 101792)	Net Name	SDC0_CLK
	ID	278969

Object	Property Name	Property Value
SDC0_CMD (Wire ID = 101796)	Net Name	SDC0_CMD
	ID	278880

Object	Property Name	Property Value
SDC0_D3 (Wire ID = 101800)	Net Name	SDC0_D3
	ID	278903

Object	Property Name	Property Value
SDC0_D2 (Wire ID = 101804)	Net Name	SDC0_D2
	ID	278953

Object	Property Name	Property Value
SDC0_CD (Wire ID = 101808)	Net Name	SDC0_CD
	ID	278878

Object	Property Name	Property Value
SDC0_D2 (Wire ID = 101858)	Net Name	SDC0_D2
	ID	278953

Object	Property Name	Property Value
SDC0_D3 (Wire ID = 101862)	Net Name	SDC0_D3
	ID	278903

Object	Property Name	Property Value
SDC0_CMD (Wire ID = 101866)	Net Name	SDC0_CMD
	ID	278880

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 101870)	Net Name	VCC_3V3
	ID	278883

Object	Property Name	Property Value
SDC0_CLK (Wire ID = 101874)	Net Name	SDC0_CLK
	ID	278969

Object	Property Name	Property Value
GND (Wire ID = 101878)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
SDC0_D0 (Wire ID = 101882)	Net Name	SDC0_D0
	ID	278929

Object	Property Name	Property Value
SDC0_D1 (Wire ID = 101886)	Net Name	SDC0_D1
	ID	278895

Object	Property Name	Property Value
GND (Wire ID = 101894)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 101919)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 101928)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 101932)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 101943)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 101947)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 101960)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 101964)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
SDC0_CD (Wire ID = 102151)	Net Name	SDC0_CD
	ID	278878

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 102214)	Net Name	VCC_3V3
	ID	278883

Object	Property Name	Property Value
GND (Wire ID = 102235)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 102240)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
SDC0_CD (Wire ID = 102308)	Net Name	SDC0_CD
	ID	278878

Object	Property Name	Property Value
N102326 (Wire ID = 102326)	Net Name	N102326
	ID	278910

Object	Property Name	Property Value
GND (Wire ID = 102463)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 102560)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 102586)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 102588)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 102592)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 102615)	Net Name	VCC_3V3
	ID	278883

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 102619)	Net Name	VCC_3V3
	ID	278883

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 102621)	Net Name	VCC_3V3
	ID	278883

Object	Property Name	Property Value
GND (Wire ID = 102627)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 102631)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 102635)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 102661)	Net Name	VCC_3V3
	ID	278883

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 102665)	Net Name	VCC_3V3
	ID	278883

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 102667)	Net Name	VCC_3V3
	ID	278883

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 102893)	Net Name	VCC_3V3
	ID	278883

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 102906)	Net Name	VCC_3V3
	ID	278883

Object	Property Name	Property Value
AVCC (Wire ID = 164807)	Net Name	AVCC
	ID	278928

Object	Property Name	Property Value
N164843 (Wire ID = 164843)	Net Name	N164843
	ID	278930

Object	Property Name	Property Value
GPADC0 (Wire ID = 164927)	Net Name	GPADC0
	ID	278933

Object	Property Name	Property Value
N164843 (Wire ID = 164933)	Net Name	N164843
	ID	278930

Object	Property Name	Property Value
N164843 (Wire ID = 164937)	Net Name	N164843
	ID	278930

Object	Property Name	Property Value
N164941 (Wire ID = 164941)	Net Name	N164941
	ID	278948

Object	Property Name	Property Value
N164941 (Wire ID = 164945)	Net Name	N164941
	ID	278948

Object	Property Name	Property Value
N164949 (Wire ID = 164949)	Net Name	N164949
	ID	278962

Object	Property Name	Property Value
N164949 (Wire ID = 164953)	Net Name	N164949
	ID	278962

Object	Property Name	Property Value
N164957 (Wire ID = 164957)	Net Name	N164957
	ID	278932

Object	Property Name	Property Value
N164957 (Wire ID = 164961)	Net Name	N164957
	ID	278932

Object	Property Name	Property Value
N164965 (Wire ID = 164965)	Net Name	N164965
	ID	278899

Object	Property Name	Property Value
N164965 (Wire ID = 164969)	Net Name	N164965
	ID	278899

Object	Property Name	Property Value
N164973 (Wire ID = 164973)	Net Name	N164973
	ID	278918

Object	Property Name	Property Value
N164973 (Wire ID = 164977)	Net Name	N164973
	ID	278918

Object	Property Name	Property Value
PG9 (Wire ID = 184689)	Net Name	PG9
	ID	278877

Object	Property Name	Property Value
PG9 (Wire ID = 185679)	Net Name	PG9
	ID	278877

Object	Property Name	Property Value
PG9 (Wire ID = 185683)	Net Name	PG9
	ID	278877

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 185745)	Net Name	VCC_3V3
	ID	278883

Object	Property Name	Property Value
PG9 (Wire ID = 185888)	Net Name	PG9
	ID	278877

Object	Property Name	Property Value
PB5 (Wire ID = 185949)	Net Name	PB5
	ID	279016

Object	Property Name	Property Value
PB5 (Wire ID = 188527)	Net Name	PB5
	ID	279016

Object	Property Name	Property Value
PB5 (Wire ID = 189172)	Net Name	PB5
	ID	279016

Object	Property Name	Property Value
GPADC0 (Wire ID = 192963)	Net Name	GPADC0
	ID	278933

Object	Property Name	Property Value
N193716 (Wire ID = 193716)	Net Name	N193716
	ID	279019

Object	Property Name	Property Value
GND (Wire ID = 193782)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
N194574 (Wire ID = 194574)	Net Name	N194574
	ID	278957

Object	Property Name	Property Value
GND (Wire ID = 194587)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 194589)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GPADC0 (Wire ID = 204734)	Net Name	GPADC0
	ID	278933

Object	Property Name	Property Value
SPI0_CS0 (Wire ID = 204797)	Net Name	SPI0_CS0
	ID	278896

Object	Property Name	Property Value
SPI0_MOSI (Wire ID = 204801)	Net Name	SPI0_MOSI
	ID	278898

Object	Property Name	Property Value
SPI0_MISO (Wire ID = 204805)	Net Name	SPI0_MISO
	ID	278906

Object	Property Name	Property Value
SPI0_CLK (Wire ID = 204809)	Net Name	SPI0_CLK
	ID	278882

Object	Property Name	Property Value
SDC0_CLK (Wire ID = 204913)	Net Name	SDC0_CLK
	ID	278969

Object	Property Name	Property Value
SDC0_CMD (Wire ID = 204929)	Net Name	SDC0_CMD
	ID	278880

Object	Property Name	Property Value
SDC0_D0 (Wire ID = 204945)	Net Name	SDC0_D0
	ID	278929

Object	Property Name	Property Value
SDC0_CD (Wire ID = 205045)	Net Name	SDC0_CD
	ID	278878

Object	Property Name	Property Value
GND (Wire ID = 274177)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 274568)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 274628)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 274785)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 274843)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
GND (Wire ID = 274900)	Net Name	GND
	ID	278894

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	670
	Location Y-Coordinate	220
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	580
	Location Y-Coordinate	340
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	810
	Location Y-Coordinate	620
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	700
	Location Y-Coordinate	480
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	990
	Location Y-Coordinate	570
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	780
	Location Y-Coordinate	320
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	990
	Location Y-Coordinate	490
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	780
	Location Y-Coordinate	240
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	1050
	Location Y-Coordinate	150
	Color	Default

Object	Property Name	Property Value
AVCC	Name	AVCC
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	150
	Location Y-Coordinate	390
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	240
	Location Y-Coordinate	560
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	300
	Location Y-Coordinate	560
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	360
	Location Y-Coordinate	560
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	420
	Location Y-Coordinate	560
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	480
	Location Y-Coordinate	560
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	380
	Location Y-Coordinate	790
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	380
	Location Y-Coordinate	630
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	140
	Location Y-Coordinate	790
	Color	Default

Object	Property Name	Property Value
PG9	Name	PG9
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L
	Location X-Coordinate	70
	Location Y-Coordinate	40
	Color	Default

Object	Property Name	Property Value
PB5	Name	PB5
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L
	Location X-Coordinate	70
	Location Y-Coordinate	50
	Color	Default

Object	Property Name	Property Value
GPADC0	Name	GPADC0
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L
	Location X-Coordinate	70
	Location Y-Coordinate	60
	Color	Default

Object	Property Name	Property Value
TitleBlockNefu	Page Count	10
	Page Number	0
	OrgAddr4	
	OrgAddr3	
	OrgAddr2	
	OrgAddr1	
	OrgName	
	Title	D1S_NEFU
	Cage Code	
	RevCode	1.0
	Doc	
	Name	TitleBlockNefu
	Design Name	D1S_NEFU_V1_0
	Design File Name	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\D1S_
	Design Create Date	Tuesday, November 05, 2024
	Design Modify Date	Friday, December 20, 2024
	Design Create Time	11:19:09
	Design Modify Time	08:07:15
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, November 05, 2024
	Schematic Modify Date	Friday, December 20, 2024
	Schematic Create Time	11:19:10
	Schematic Modify Time	08:07:16
	Schematic Page Count	10
	Schematic Page Number	9
	Page Size	A4
	Page Create Date	Thursday, November 28, 2024
	Page Modify Date	Friday, December 20, 2024
	Page Create Time	08:04:30
	Page Modify Time	07:12:18
	Location X-Coordinate	789
	Location Y-Coordinate	736
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Symbol	TitleBlockNefu
	Page Name	08 STORAGE

Object	Property Name	Property Value
INS204724	PCB Footprint	tp10
	Name	INS204724
	Part Reference	T28
	Reference	T28
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	30
	Location Y-Coordinate	560
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GPADC0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS164825	PCB Footprint	r0402
	Name	INS164825
	Part Reference	R42
	Reference	R42
	Designator	
	Value	0R
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	110
	Location Y-Coordinate	460
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GPADC0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N164843
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS205033	PCB Footprint	tp10
	Name	INS205033
	Part Reference	T29
	Reference	T29
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	630
	Location Y-Coordinate	720
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	SDC0_CD
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS204933	PCB Footprint	tp10
	Name	INS204933
	Part Reference	T32
	Reference	T32
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	630
	Location Y-Coordinate	780
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	SDC0_D0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS165039	PCB Footprint	key4x3
	Name	INS165039
	Part Reference	SW5
	Reference	SW5
	Designator	
	Value	KEY
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	360
	Location Y-Coordinate	500
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	KEY.Normal
	Source Package	KEY
	Power Pins Visible	False
	Graphic	KEY.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N164957
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
4	Name	4
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS164845	PCB Footprint	r0402
	Name	INS164845
	Part Reference	R43
	Reference	R43
	Designator	
	Value	6.8K-1%
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	180
	Location Y-Coordinate	460
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N164843
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N164941
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS185656	PCB Footprint	r0402
	Name	INS185656
	Part Reference	R51
	Reference	R51
	Designator	
	Value	5.1K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	380
	Location Y-Coordinate	660
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	PG9
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS103952	PCB Footprint	r0402
	Name	INS103952
	Part Reference	R39
	Reference	R39
	Designator	
	Value	0R
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	930
	Location Y-Coordinate	120
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	SPI0_MISO
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N194574
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	
	Name	INS101709
	Part Reference	J7
	Reference	J7
	Designator	
	Value	TF_CARD
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
INS101709	Location X-Coordinate	870
	Location Y-Coordinate	460
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TF_CARD.Normal
	Source Package	TF_CARD
	Power Pins Visible	False
	Graphic	TF_CARD.Normal

Object	Property Name	Property Value
	Name	DATA2
	Number	1
	Swap Id	-1
DATA2	Type	Passive
	Net Name	SDC0_D2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	DATA3
	Number	2
	Swap Id	-1
DATA3	Type	Passive
	Net Name	SDC0_D3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	CMD
	Number	3
	Swap Id	-1
CMD	Type	Passive
	Net Name	SDC0_CMD
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	VDD
	Number	4
	Swap Id	-1
VDD	Type	Passive
	Net Name	VCC_3V3
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	CLK
	Number	5
	Swap Id	-1
CLK	Type	Passive
	Net Name	SDC0_CLK
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	VSS
	Number	6
	Swap Id	-1
VSS	Type	Passive
	Net Name	GND
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	DATA0
	Number	7
	Swap Id	-1
DATA0	Type	Passive
	Net Name	SDC0_D0
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	DATA1
	Number	8
	Swap Id	-1
DATA1	Type	Passive
	Net Name	SDC0_D1
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	CD
	Number	9
	Swap Id	-1
CD	Type	Passive
	Net Name	N102326
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
	Name	SH1
	Number	10
	Swap Id	-1
SH1	Type	Power
	Net Name	GND
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
SH2	Name	SH2
	Number	11
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
SH3	Name	SH3
	Number	12
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
SH4	Name	SH4
	Number	13
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
INS204757	PCB Footprint	tp10
	Name	INS204757
	Part Reference	T27
	Reference	T27
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	250
	Location Y-Coordinate	320
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	SPI0_CLK
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS79803	PCB Footprint	wson8
	Name	INS79803
	Part Reference	U9
	Reference	U9
	Designator	
	Value	SPI_NAND
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	550
	Location Y-Coordinate	230
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	SPI_NAND.Normal
	Source Package	SPI_NAND
	Power Pins Visible	False
	Graphic	SPI_NAND.Normal

Object	Property Name	Property Value
CS#	Name	CS#
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	SPI0_CS0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
MISO	Name	MISO
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	SPI0_MISO
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
WP#	Name	WP#
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	SPI0_WP
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
VCC	Name	VCC
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
HOLD#	Name	HOLD#
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	SPI0_HOLD
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
CLK	Name	CLK
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	SPI0_CLK
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
MOSI	Name	MOSI
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	SPI0_MOSI
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	9
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
INS188493	PCB Footprint	r0402
	Name	INS188493
	Part Reference	R50
	Reference	R50
	Designator	
	Value	1K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	140
	Location Y-Coordinate	670
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	PB5
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N193716
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS164861	PCB Footprint	r0402
	Name	INS164861
	Part Reference	R44
	Reference	R44
	Designator	
	Value	8.2K-1%
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	260
	Location Y-Coordinate	460
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N164941
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N164949
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS165059	PCB Footprint	key4x3
	Name	INS165059
	Part Reference	SW6
	Reference	SW6
	Designator	
	Value	KEY
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	420
	Location Y-Coordinate	500
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	KEY.Normal
	Source Package	KEY
	Power Pins Visible	False
	Graphic	KEY.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N164965
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
4	Name	4
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS102343	PCB Footprint	c0603
	Name	INS102343
	Part Reference	C75
	Reference	C75
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	990
	Location Y-Coordinate	530
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS204767	PCB Footprint	tp10
	Name	INS204767
	Part Reference	T26
	Reference	T26
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	250
	Location Y-Coordinate	300
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	SPI0_MISO
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS188509	PCB Footprint	
	Name	INS188509
	Part Reference	D6
	Reference	D6
	Designator	
	Value	LED
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	140
	Location Y-Coordinate	730
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	LED.Normal
	Source Package	LED
	Power Pins Visible	False
	Graphic	LED.Normal

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE	Type	Passive
	Net Name	N193716
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
	Swap Id	-1
CATHODE	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	r0402
	Name	INS164877
	Part Reference	R45
	Reference	R45
	Designator	
	Value	10K-1%
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS164877	Implementation Path	
	Location X-Coordinate	320
	Location Y-Coordinate	460
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1	Type	Passive
	Net Name	N164949
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2	Type	Passive
	Net Name	N164957
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS102056	PCB Footprint	r0402
	Name	INS102056
	Part Reference	R49
	Reference	R49
	Designator	
	Value	1K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	750
	Location Y-Coordinate	540
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	SDC0_CD
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N102326
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS102359	PCB Footprint	c0402
	Name	INS102359
	Part Reference	C76
	Reference	C76
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	1040
	Location Y-Coordinate	530
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS204777	PCB Footprint	tp10
	Name	INS204777
	Part Reference	T25
	Reference	T25
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	250
	Location Y-Coordinate	280
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	SPI0_MOSI
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS165079	PCB Footprint	key4x3
	Name	INS165079
	Part Reference	SW7
	Reference	SW7
	Designator	
	Value	KEY
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	480
	Location Y-Coordinate	500
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	KEY.Normal
	Source Package	KEY
	Power Pins Visible	False
	Graphic	KEY.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N164973
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
4	Name	4
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS103976	PCB Footprint	key4x3
	Name	INS103976
	Part Reference	SW2
	Reference	SW2
	Designator	
	Value	FEL
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	1000
	Location Y-Coordinate	120
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	KEY.Normal
	Source Package	KEY
	Power Pins Visible	False
	Graphic	KEY.Normal

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1	Type	Passive
	Net Name	N194574
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	2
	Swap Id	-1
4	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	tp10
	Name	INS204787
	Part Reference	T24
	Reference	T24
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
INS204787	Location X-Coordinate	250
	Location Y-Coordinate	260
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
	Name	TP
	Number	1
	Swap Id	-1
TP	Type	Passive
	Net Name	SPI0_CS0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	r0402
	Name	INS101764
	Part Reference	R38
	Reference	R38
	Designator	
	Value	33R
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS101764	Implementation Path	
	Location X-Coordinate	800
	Location Y-Coordinate	40
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1	Type	Passive
	Net Name	SDC0_CLK
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2	Type	Passive
	Net Name	N101788
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	r0402
	Name	INS101361
	Part Reference	R40
	Reference	R40
	Designator	
	Value	33R
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS101361	Implementation Path	
	Location X-Coordinate	800
	Location Y-Coordinate	150
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N101393
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	SPI0_CLK
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS164893	PCB Footprint	r0402
	Name	INS164893
	Part Reference	R46
	Reference	R46
	Designator	
	Value	11K-1%
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	380
	Location Y-Coordinate	460
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N164957
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N164965
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS102375	PCB Footprint	c0603
	Name	INS102375
	Part Reference	C73
	Reference	C73
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	780
	Location Y-Coordinate	280
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS102175	PCB Footprint	r0402
	Name	INS102175
	Part Reference	R48
	Reference	R48
	Designator	
	Value	10K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	700
	Location Y-Coordinate	510
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	SDC0_CD
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS204901	PCB Footprint	tp10
	Name	INS204901
	Part Reference	T30
	Reference	T30
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	630
	Location Y-Coordinate	740
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	SDC0_CLK
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	key4x3
	Name	INS164999
	Part Reference	SW4
	Reference	SW4
	Designator	
	Value	KEY
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
INS164999	Location X-Coordinate	240
	Location Y-Coordinate	500
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	KEY.Normal
	Source Package	KEY
	Power Pins Visible	False
	Graphic	KEY.Normal

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1	Type	Passive
	Net Name	N164941
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	2
	Swap Id	-1
4	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	key4x3
	Name	INS184695
	Part Reference	SW8
	Reference	SW8
	Designator	
	Value	KEY
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS184695	Implementation Path	
	Location X-Coordinate	380
	Location Y-Coordinate	730
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	KEY.Normal
	Source Package	KEY
	Power Pins Visible	False
	Graphic	KEY.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	PG9
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
4	Name	4
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS164909	PCB Footprint	r0402
	Name	INS164909
	Part Reference	R47
	Reference	R47
	Designator	
	Value	13K-1%
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	440
	Location Y-Coordinate	460
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N164965
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N164973
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS102391	PCB Footprint	c0402
	Name	INS102391
	Part Reference	C74
	Reference	C74
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	830
	Location Y-Coordinate	280
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS164809	PCB Footprint	r0402
	Name	INS164809
	Part Reference	R41
	Reference	R41
	Designator	
	Value	51K-1%
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	150
	Location Y-Coordinate	420
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N164843
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	AVCC
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS204917	PCB Footprint	tp10
	Name	INS204917
	Part Reference	T31
	Reference	T31
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	630
	Location Y-Coordinate	760
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	SDC0_CMD
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS58846	PCB Footprint	elqfp128
	Name	INS58846
	Part Reference	U2B
	Reference	U2
	Designator	B
	Value	D1s
	Primitive	DEFAULT
	Implementation Type	\<none\>
	Implementation	
	Implementation Path	
	Location X-Coordinate	410
	Location Y-Coordinate	20
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE\PROJECT\SCH_
	Source Part	D1sB.Normal
	Source Package	D1s
	Power Pins Visible	False
	Graphic	D1sB.Normal

Object	Property Name	Property Value
PF0/SDC0_D1/JTAG_MS/R_JTAG_MS/I2S2_DOUT1/I2S2_DIN0/PF_EINT0	Name	PF0/SDC0_D1/JTAG_MS/R_JTAG_MS/I2S2_DOUT1/I2S2_DIN0/PF_E
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	SDC0_D1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
PF1/SDC0_D0/JTAG_DI/R_JTAG_DI/I2S2_DOUT0/I2S2_DIN1/PF_EINT1	Name	PF1/SDC0_D0/JTAG_DI/R_JTAG_DI/I2S2_DOUT0/I2S2_DIN1/PF_EIN
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	SDC0_D0
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
PF2/SDC0_CLK/UART0_TX/TWI0_SCK/LEDC_DO/SPDIF_IN/PF_EINT2	Name	PF2/SDC0_CLK/UART0_TX/TWI0_SCK/LEDC_DO/SPDIF_IN/PF_EINT
	Number	9
	Swap Id	-1
	Type	Passive
	Net Name	N101788
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
PF3/SDC0_CMD/JTAG_DO/R_JTAG_DO/I2S2_BCLK/PF_EINT3	Name	PF3/SDC0_CMD/JTAG_DO/R_JTAG_DO/I2S2_BCLK/PF_EINT3
	Number	10
	Swap Id	-1
	Type	Passive
	Net Name	SDC0_CMD
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
PF4/SDC0_D3/UART0_RX/TWI0_SDA/PWM6/IR_TX/PF_EINT4	Name	PF4/SDC0_D3/UART0_RX/TWI0_SDA/PWM6/IR_TX/PF_EINT4
	Number	11
	Swap Id	-1
	Type	Passive
	Net Name	SDC0_D3
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
PF5/SDC0_D2/JTAG_CK/R_JTAG_CK/I2S2_LRCK/PF_EINT5	Name	PF5/SDC0_D2/JTAG_CK/R_JTAG_CK/I2S2_LRCK/PF_EINT5
	Number	12
	Swap Id	-1
	Type	Passive
	Net Name	SDC0_D2
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
PF6/SPDIF_OUT/IR_RX/I2S2_MCLK/PWM5/PF_EINT6	Name	PF6/SPDIF_OUT/IR_RX/I2S2_MCLK/PWM5/PF_EINT6
	Number	13
	Swap Id	-1
	Type	Passive
	Net Name	SDC0_CD
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
PC7/SPI0_HOLD/SDC2_D3/UART3_RX/TWI3_SDA/TCON_TRIG/PC_EINT7	Name	PC7/SPI0_HOLD/SDC2_D3/UART3_RX/TWI3_SDA/TCON_TRIG/PC_
	Number	14
	Swap Id	-1
	Type	Passive
	Net Name	SPI0_HOLD
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
PC6/SPI0_WP/SDC2_D0/UART3_TX/TWI3_SCK/DBG_CLK/PC_EINT6	Name	PC6/SPI0_WP/SDC2_D0/UART3_TX/TWI3_SCK/DBG_CLK/PC_EINT6
	Number	15
	Swap Id	-1
	Type	Passive
	Net Name	SPI0_WP
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
PC5/SPI0_MISO/SDC2_D1/BOOT_SEL1/PC_EINT5	Name	PC5/SPI0_MISO/SDC2_D1/BOOT_SEL1/PC_EINT5
	Number	16
	Swap Id	-1
	Type	Passive
	Net Name	SPI0_MISO
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
PC4/SPI0_MOSI/SDC2_D2/BOOT_SEL0/PC_EINT4	Name	PC4/SPI0_MOSI/SDC2_D2/BOOT_SEL0/PC_EINT4
	Number	17
	Swap Id	-1
	Type	Passive
	Net Name	SPI0_MOSI
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
PC3/SPI0_CS0/SDC2_CMD/PC_EINT3	Name	PC3/SPI0_CS0/SDC2_CMD/PC_EINT3
	Number	18
	Swap Id	-1
	Type	Passive
	Net Name	SPI0_CS0
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
PC2/SPI0_CLK/SDC2_CLK/PC_EINT2	Name	PC2/SPI0_CLK/SDC2_CLK/PC_EINT2
	Number	19
	Swap Id	-1
	Type	Passive
	Net Name	N101393
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
INS165019	PCB Footprint	key4x3
	Name	INS165019
	Part Reference	SW3
	Reference	SW3
	Designator	
	Value	KEY
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	300
	Location Y-Coordinate	500
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	KEY.Normal
	Source Package	KEY
	Power Pins Visible	False
	Graphic	KEY.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N164949
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
4	Name	4
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
Line	Name	I145329
	Location X-Coordinate	0
	Location Y-Coordinate	250
	Color	Default
	Start X-Coordinate	0
	Start Y-Coordinate	250
	End X-Coordinate	1169
	End Y-Coordinate	250
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I146333
	Location X-Coordinate	620
	Location Y-Coordinate	250
	Color	Default
	Start X-Coordinate	620
	Start Y-Coordinate	250
	End X-Coordinate	620
	End Y-Coordinate	820
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I146335
	Location X-Coordinate	600
	Location Y-Coordinate	510
	Color	Default
	Start X-Coordinate	620
	Start Y-Coordinate	510
	End X-Coordinate	1169
	End Y-Coordinate	510
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I148325
	Location X-Coordinate	220
	Location Y-Coordinate	10
	Color	Default
	Start X-Coordinate	220
	Start Y-Coordinate	0
	End X-Coordinate	220
	End Y-Coordinate	250
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
RMII_TXCK: SOC is only input so PHY is configurated in output	Name	I139324
	Location X-Coordinate	10
	Location Y-Coordinate	30
	Color	Default
	Bounding Box Left	940
	Bounding Box Right	1102
	Bounding Box Top	420
	Bounding Box Bottom	438
	Text	RMII_TXCK: SOC is only input so PHY is configurated to output
	Text Location X-Coordinate	940
	Text Location Y-Coordinate	420
	Font	Courier New

Object	Property Name	Property Value
PHY_MDIO (Wire ID = 107810)	Net Name	PHY_MDIO
	ID	272962

Object	Property Name	Property Value
PHY_MDC (Wire ID = 107825)	Net Name	PHY_MDC
	ID	272887

Object	Property Name	Property Value
RMII_RXER (Wire ID = 128582)	Net Name	RMII_RXER
	ID	272936

Object	Property Name	Property Value
RMII_TXEN (Wire ID = 128586)	Net Name	RMII_TXEN
	ID	272928

Object	Property Name	Property Value
RMII_TXD1 (Wire ID = 128590)	Net Name	RMII_TXD1
	ID	272926

Object	Property Name	Property Value
RMII_TXD0 (Wire ID = 128594)	Net Name	RMII_TXD0
	ID	272953

Object	Property Name	Property Value
RMII_TXCK (Wire ID = 128598)	Net Name	RMII_TXCK
	ID	272977

Object	Property Name	Property Value
RMII_RXD1 (Wire ID = 128602)	Net Name	RMII_RXD1
	ID	272931

Object	Property Name	Property Value
RMII_RXD0 (Wire ID = 128606)	Net Name	RMII_RXD0
	ID	272988

Object	Property Name	Property Value
RMII_CRS_DV (Wire ID = 128610)	Net Name	RMII_CRS_DV
	ID	272925

Object	Property Name	Property Value
LED_LINK/PHY1 (Wire ID = 128678)	Net Name	LED_LINK/PHY1
	ID	272949

Object	Property Name	Property Value
RMII_25M_OUT (Wire ID = 128700)	Net Name	RMII_25M_OUT
	ID	272908

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 128746)	Net Name	VCC_3V3
	ID	272959

Object	Property Name	Property Value
XTAL_OUT (Wire ID = 128760)	Net Name	XTAL_OUT
	ID	272888

Object	Property Name	Property Value
XTAL_IN (Wire ID = 128764)	Net Name	XTAL_IN
	ID	272966

Object	Property Name	Property Value
GND (Wire ID = 128768)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 128782)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
N128821 (Wire ID = 128821)	Net Name	N128821
	ID	272996

Object	Property Name	Property Value
GND (Wire ID = 128825)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
RX- (Wire ID = 128843)	Net Name	RX-
	ID	272902

Object	Property Name	Property Value
N128847 (Wire ID = 128847)	Net Name	N128847
	ID	272890

Object	Property Name	Property Value
RX+ (Wire ID = 128851)	Net Name	RX+
	ID	272899

Object	Property Name	Property Value
TX- (Wire ID = 128855)	Net Name	TX-
	ID	272915

Object	Property Name	Property Value
N128859 (Wire ID = 128859)	Net Name	N128859
	ID	272918

Object	Property Name	Property Value
TX+ (Wire ID = 128863)	Net Name	TX+
	ID	272940

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 128871)	Net Name	VCC_3V3
	ID	272959

Object	Property Name	Property Value
GLED- (Wire ID = 128875)	Net Name	GLED-
	ID	272921

Object	Property Name	Property Value
LED_LINK/PHY1 (Wire ID = 128879)	Net Name	LED_LINK/PHY1
	ID	272949

Object	Property Name	Property Value
YLED- (Wire ID = 128883)	Net Name	YLED-
	ID	272937

Object	Property Name	Property Value
LED_ACT/PHY0 (Wire ID = 128904)	Net Name	LED_ACT/PHY0
	ID	272881

Object	Property Name	Property Value
LED_ACT/PHY0 (Wire ID = 129011)	Net Name	LED_ACT/PHY0
	ID	272881

Object	Property Name	Property Value
LED_ACT/PHY0 (Wire ID = 129038)	Net Name	LED_ACT/PHY0
	ID	272881

Object	Property Name	Property Value
LED_ACT/PHY0 (Wire ID = 129056)	Net Name	LED_ACT/PHY0
	ID	272881

Object	Property Name	Property Value
GLED- (Wire ID = 129106)	Net Name	GLED-
	ID	272921

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 129117)	Net Name	VCC_3V3
	ID	272959

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 129147)	Net Name	VCC_3V3
	ID	272959

Object	Property Name	Property Value
LED_LINK/PHY1 (Wire ID = 129272)	Net Name	LED_LINK/PHY1
	ID	272949

Object	Property Name	Property Value
LED_LINK/PHY1 (Wire ID = 129278)	Net Name	LED_LINK/PHY1
	ID	272949

Object	Property Name	Property Value
GND (Wire ID = 129298)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 129324)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
YLED- (Wire ID = 129328)	Net Name	YLED-
	ID	272937

Object	Property Name	Property Value
LED_LINK/PHY1 (Wire ID = 129499)	Net Name	LED_LINK/PHY1
	ID	272949

Object	Property Name	Property Value
GND (Wire ID = 129662)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 129775)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 129777)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 129791)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 129795)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
TX+ (Wire ID = 129809)	Net Name	TX+
	ID	272940

Object	Property Name	Property Value
GND (Wire ID = 129930)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
N128821 (Wire ID = 129953)	Net Name	N128821
	ID	272996

Object	Property Name	Property Value
TX- (Wire ID = 129958)	Net Name	TX-
	ID	272915

Object	Property Name	Property Value
RX+ (Wire ID = 129968)	Net Name	RX+
	ID	272899

Object	Property Name	Property Value
RX- (Wire ID = 129972)	Net Name	RX-
	ID	272902

Object	Property Name	Property Value
N128847 (Wire ID = 130081)	Net Name	N128847
	ID	272890

Object	Property Name	Property Value
GND (Wire ID = 130157)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 130183)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 130418)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 130491)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 130495)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 133442)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
XTAL_OUT (Wire ID = 133446)	Net Name	XTAL_OUT
	ID	272888

Object	Property Name	Property Value
XTAL_OUT (Wire ID = 133450)	Net Name	XTAL_OUT
	ID	272888

Object	Property Name	Property Value
XTAL_IN (Wire ID = 133488)	Net Name	XTAL_IN
	ID	272966

Object	Property Name	Property Value
GND (Wire ID = 133492)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
XTAL_IN (Wire ID = 133500)	Net Name	XTAL_IN
	ID	272966

Object	Property Name	Property Value
GND (Wire ID = 133504)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
XTAL_IN (Wire ID = 133508)	Net Name	XTAL_IN
	ID	272966

Object	Property Name	Property Value
XTAL_IN (Wire ID = 133512)	Net Name	XTAL_IN
	ID	272966

Object	Property Name	Property Value
XTAL_IN (Wire ID = 133516)	Net Name	XTAL_IN
	ID	272966

Object	Property Name	Property Value
GND (Wire ID = 133520)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 133524)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 133528)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
XTAL_IN (Wire ID = 133536)	Net Name	XTAL_IN
	ID	272966

Object	Property Name	Property Value
XTAL_OUT (Wire ID = 133685)	Net Name	XTAL_OUT
	ID	272888

Object	Property Name	Property Value
RMII_25M_OUT (Wire ID = 133700)	Net Name	RMII_25M_OUT
	ID	272908

Object	Property Name	Property Value
GND (Wire ID = 134263)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 134392)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
XTAL_IN (Wire ID = 134433)	Net Name	XTAL_IN
	ID	272966

Object	Property Name	Property Value
PHY_MDIO (Wire ID = 134681)	Net Name	PHY_MDIO
	ID	272962

Object	Property Name	Property Value
PHY_MDC (Wire ID = 134685)	Net Name	PHY_MDC
	ID	272887

Object	Property Name	Property Value
PHY_RESET (Wire ID = 134721)	Net Name	PHY_RESET
	ID	272886

Object	Property Name	Property Value
RXD3/CLK_CTL (Wire ID = 134941)	Net Name	RXD3/CLK_CTL
	ID	272880

Object	Property Name	Property Value
RXD3/CLK_CTL (Wire ID = 136222)	Net Name	RXD3/CLK_CTL
	ID	272880

Object	Property Name	Property Value
GND (Wire ID = 136252)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 136256)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 136408)	Net Name	VCC_3V3
	ID	272959

Object	Property Name	Property Value
AVDD10 (Wire ID = 136412)	Net Name	AVDD10
	ID	272878

Object	Property Name	Property Value
DVDD10 (Wire ID = 136420)	Net Name	DVDD10
	ID	272914

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 136424)	Net Name	VCC_3V3
	ID	272959

Object	Property Name	Property Value
VCC_3.3V (Wire ID = 136593)	Net Name	VCC_3.3V
	ID	272957

Object	Property Name	Property Value
VCC_3.3V (Wire ID = 136597)	Net Name	VCC_3.3V
	ID	272957

Object	Property Name	Property Value
VCC_3.3V (Wire ID = 136599)	Net Name	VCC_3.3V
	ID	272957

Object	Property Name	Property Value
VCC_3.3V (Wire ID = 136603)	Net Name	VCC_3.3V
	ID	272957

Object	Property Name	Property Value
GND (Wire ID = 136610)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 136656)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 136658)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 136662)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 136697)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 136701)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 136738)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 136742)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
VCC_3.3V (Wire ID = 136781)	Net Name	VCC_3.3V
	ID	272957

Object	Property Name	Property Value
VCC_3.3V (Wire ID = 136785)	Net Name	VCC_3.3V
	ID	272957

Object	Property Name	Property Value
VCC_3.3V (Wire ID = 136794)	Net Name	VCC_3.3V
	ID	272957

Object	Property Name	Property Value
VCC_3.3V (Wire ID = 136798)	Net Name	VCC_3.3V
	ID	272957

Object	Property Name	Property Value
DVDD10 (Wire ID = 138185)	Net Name	DVDD10
	ID	272914

Object	Property Name	Property Value
DVDD10 (Wire ID = 138189)	Net Name	DVDD10
	ID	272914

Object	Property Name	Property Value
AVDD10 (Wire ID = 138194)	Net Name	AVDD10
	ID	272878

Object	Property Name	Property Value
AVDD10 (Wire ID = 138198)	Net Name	AVDD10
	ID	272878

Object	Property Name	Property Value
GND (Wire ID = 138380)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 138440)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
RMII_TXD0 (Wire ID = 139057)	Net Name	RMII_TXD0
	ID	272953

Object	Property Name	Property Value
PHY_MDIO (Wire ID = 139151)	Net Name	PHY_MDIO
	ID	272962

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 139155)	Net Name	VCC_3V3
	ID	272959

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 139157)	Net Name	VCC_3V3
	ID	272959

Object	Property Name	Property Value
RMII_TXCK (Wire ID = 139313)	Net Name	RMII_TXCK
	ID	272977

Object	Property Name	Property Value
RMII_RXD0 (Wire ID = 139676)	Net Name	RMII_RXD0
	ID	272988

Object	Property Name	Property Value
RMII_RXD1 (Wire ID = 139680)	Net Name	RMII_RXD1
	ID	272931

Object	Property Name	Property Value
RMII_RXER (Wire ID = 139698)	Net Name	RMII_RXER
	ID	272936

Object	Property Name	Property Value
RMII_CRS_DV (Wire ID = 139709)	Net Name	RMII_CRS_DV
	ID	272925

Object	Property Name	Property Value
RMII_TXD1 (Wire ID = 139799)	Net Name	RMII_TXD1
	ID	272926

Object	Property Name	Property Value
RMII_TXEN (Wire ID = 140005)	Net Name	RMII_TXEN
	ID	272928

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 140030)	Net Name	VCC_3V3
	ID	272959

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 140032)	Net Name	VCC_3V3
	ID	272959

Object	Property Name	Property Value
VCC_3.3V (Wire ID = 140204)	Net Name	VCC_3.3V
	ID	272957

Object	Property Name	Property Value
VCC_3.3V (Wire ID = 140208)	Net Name	VCC_3.3V
	ID	272957

Object	Property Name	Property Value
VCC_3.3V (Wire ID = 140212)	Net Name	VCC_3.3V
	ID	272957

Object	Property Name	Property Value
VCC_3.3V (Wire ID = 140216)	Net Name	VCC_3.3V
	ID	272957

Object	Property Name	Property Value
GND (Wire ID = 140300)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 140304)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 140316)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 140320)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
PG8 (Wire ID = 140512)	Net Name	PG8
	ID	272932

Object	Property Name	Property Value
PHY_RESET (Wire ID = 140928)	Net Name	PHY_RESET
	ID	272886

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 141346)	Net Name	VCC_3V3
	ID	272959

Object	Property Name	Property Value
GND (Wire ID = 147333)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
PHY_RESET (Wire ID = 189258)	Net Name	PHY_RESET
	ID	272886

Object	Property Name	Property Value
PG9 (Wire ID = 189268)	Net Name	PG9
	ID	272990

Object	Property Name	Property Value
PG7 (Wire ID = 189272)	Net Name	PG7
	ID	272907

Object	Property Name	Property Value
PG6 (Wire ID = 189276)	Net Name	PG6
	ID	273012

Object	Property Name	Property Value
PG6 (Wire ID = 189476)	Net Name	PG6
	ID	273012

Object	Property Name	Property Value
PG7 (Wire ID = 189481)	Net Name	PG7
	ID	272907

Object	Property Name	Property Value
PG8 (Wire ID = 189486)	Net Name	PG8
	ID	272932

Object	Property Name	Property Value
PG9 (Wire ID = 189491)	Net Name	PG9
	ID	272990

Object	Property Name	Property Value
XTAL_OUT (Wire ID = 205138)	Net Name	XTAL_OUT
	ID	272888

Object	Property Name	Property Value
RMII_TXCK (Wire ID = 205160)	Net Name	RMII_TXCK
	ID	272977

Object	Property Name	Property Value
DVDD10 (Wire ID = 205172)	Net Name	DVDD10
	ID	272914

Object	Property Name	Property Value
AVDD10 (Wire ID = 205200)	Net Name	AVDD10
	ID	272878

Object	Property Name	Property Value
VCC_3.3V (Wire ID = 215389)	Net Name	VCC_3.3V
	ID	272957

Object	Property Name	Property Value
VCC_3.3V (Wire ID = 215391)	Net Name	VCC_3.3V
	ID	272957

Object	Property Name	Property Value
GND (Wire ID = 215420)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 215422)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND (Wire ID = 222308)	Net Name	GND
	ID	272924

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	90
	Location Y-Coordinate	650
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	170
	Location Y-Coordinate	790
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	730
	Location Y-Coordinate	280
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	730
	Location Y-Coordinate	480
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	1080
	Location Y-Coordinate	720
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	690
	Location Y-Coordinate	650
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	60
	Location Y-Coordinate	260
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	210
	Location Y-Coordinate	330
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	320
	Location Y-Coordinate	330
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	1110
	Location Y-Coordinate	420
	Color	Default

Object	Property Name	Property Value
VCC_3.3V	Name	VCC_3.3V
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	370
	Location Y-Coordinate	730
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	370
	Location Y-Coordinate	810
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	20
	Location Y-Coordinate	800
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	70
	Location Y-Coordinate	800
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	1100
	Location Y-Coordinate	340
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	850
	Location Y-Coordinate	20
	Color	Default

Object	Property Name	Property Value
VCC_3.3V	Name	VCC_3.3V
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	1070
	Location Y-Coordinate	70
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	1070
	Location Y-Coordinate	150
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	520
	Location Y-Coordinate	370
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	520
	Location Y-Coordinate	480
	Color	Default

Object	Property Name	Property Value
PG6	Name	PG6
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	Location X-Coordinate	80
	Location Y-Coordinate	40
	Color	Default

Object	Property Name	Property Value
PG7	Name	PG7
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	Location X-Coordinate	80
	Location Y-Coordinate	50
	Color	Default

Object	Property Name	Property Value
PG8	Name	PG8
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	Location X-Coordinate	80
	Location Y-Coordinate	60
	Color	Default

Object	Property Name	Property Value
PG9	Name	PG9
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	Location X-Coordinate	80
	Location Y-Coordinate	70
	Color	Default

Object	Property Name	Property Value
TitleBlockNefu	Page Count	10
	Page Number	0
	OrgAddr4	
	OrgAddr3	
	OrgAddr2	
	OrgAddr1	
	OrgName	
	Title	D1S_NEFU
	Cage Code	
	RevCode	1.0
	Doc	
	Name	TitleBlockNefu
	Design Name	D1S_NEFU_V1_0
	Design File Name	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\D1S_
	Design Create Date	Tuesday, November 05, 2024
	Design Modify Date	Friday, December 20, 2024
	Design Create Time	11:19:09
	Design Modify Time	08:07:15
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, November 05, 2024
	Schematic Modify Date	Thursday, December 19, 2024
	Schematic Create Time	11:19:10
	Schematic Modify Time	08:07:16
	Schematic Page Count	10
	Schematic Page Number	8
	Page Size	A4
	Page Create Date	Thursday, November 28, 2024
	Page Modify Date	Thursday, December 19, 2024
	Page Create Time	07:51:45
	Page Modify Time	07:53:24
	Location X-Coordinate	789
	Location Y-Coordinate	736
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Symbol	TitleBlockNefu
	Page Name	07 NET

Object	Property Name	Property Value
INS205128	PCB Footprint	tp10
	Name	INS205128
	Part Reference	T22
	Reference	T22
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	30
	Location Y-Coordinate	430
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	DVDD10
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS129072	PCB Footprint	r0402
	Name	INS129072
	Part Reference	R31
	Reference	R31
	Designator	
	Value	510R
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	770
	Location Y-Coordinate	350
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	LED_ACT/PHY0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GLED-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS133412	PCB Footprint	crystal3225
	Name	INS133412
	Part Reference	Y3
	Reference	Y3
	Designator	
	Value	25M/NC
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	130
	Location Y-Coordinate	270
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	OSC3225.Normal
	Source Package	OSC3225
	Power Pins Visible	False
	Graphic	OSC3225.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	XTAL_IN
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	XTAL_OUT
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4	Name	4
	Number	4
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
INS56595	PCB Footprint	qfn32
	Name	INS56595
	Part Reference	U7
	Reference	U7
	Designator	
	Value	RTL8201F
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	150
	Location Y-Coordinate	470
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	RTL8201F.Normal
	Source Package	RTL8201F
	Power Pins Visible	False
	Graphic	RTL8201F.Normal

Object	Property Name	Property Value
RSET	Name	RSET
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N128821
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
AVDD10OUT	Name	AVDD10OUT
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	AVDD10
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
MDI+[0]	Name	MDI+[0]
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	TX+
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
MDI-[0]	Name	MDI-[0]
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	TX-
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
MDI+[1]	Name	MDI+[1]
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	RX+
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
MDI-[1]	Name	MDI-[1]
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	RX-
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
AVDD33	Name	AVDD33
	Number	7
	Swap Id	-1
	Type	Power
	Net Name	VCC_3V3
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
RXDV	Name	RXDV
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	7
	Is No Connect	True

Object	Property Name	Property Value
TXD[0]	Name	TXD[0]
	Number	16
	Swap Id	-1
	Type	Passive
	Net Name	RMII_TXD0
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
TXC	Name	TXC
	Number	15
	Swap Id	-1
	Type	Passive
	Net Name	RMII_TXCK
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
DVDD33	Name	DVDD33
	Number	14
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
RXC	Name	RXC
	Number	13
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	11
	Is No Connect	True

Object	Property Name	Property Value
RXD[3]/CLK_CTL	Name	RXD[3]/CLK_CTL
	Number	12
	Swap Id	-1
	Type	Passive
	Net Name	RXD3/CLK_CTL
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
RXD[2]/INTB	Name	RXD[2]/INTB
	Number	11
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	13
	Is No Connect	True

Object	Property Name	Property Value
RXD[1]	Name	RXD[1]
	Number	10
	Swap Id	-1
	Type	Passive
	Net Name	RMII_RXD1
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
RXD[0]	Name	RXD[0]
	Number	9
	Swap Id	-1
	Type	Passive
	Net Name	RMII_RXD0
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
LED0/PHYAD[0]/PMEB	Name	LED0/PHYAD[0]/PMEB
	Number	24
	Swap Id	-1
	Type	Passive
	Net Name	LED_ACT/PHY0
	Order	16
	Is No Connect	False

Object	Property Name	Property Value
MDIO	Name	MDIO
	Number	23
	Swap Id	-1
	Type	Passive
	Net Name	PHY_MDIO
	Order	17
	Is No Connect	False

Object	Property Name	Property Value
MDC	Name	MDC
	Number	22
	Swap Id	-1
	Type	Passive
	Net Name	PHY_MDC
	Order	18
	Is No Connect	False

Object	Property Name	Property Value
PHYRSTB	Name	PHYRSTB
	Number	21
	Swap Id	-1
	Type	Passive
	Net Name	PHY_RESET
	Order	19
	Is No Connect	False

Object	Property Name	Property Value
TXEN	Name	TXEN
	Number	20
	Swap Id	-1
	Type	Passive
	Net Name	RMII_TXEN
	Order	20
	Is No Connect	False

Object	Property Name	Property Value
TXD[3]	Name	TXD[3]
	Number	19
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	21
	Is No Connect	True

Object	Property Name	Property Value
TXD[2]	Name	TXD[2]
	Number	18
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	22
	Is No Connect	True

Object	Property Name	Property Value
TXD[1]	Name	TXD[1]
	Number	17
	Swap Id	-1
	Type	Passive
	Net Name	RMII_TXD1
	Order	23
	Is No Connect	False

Object	Property Name	Property Value
LED1/PHYAD[1]	Name	LED1/PHYAD[1]
	Number	25
	Swap Id	-1
	Type	Passive
	Net Name	LED_LINK/PHY1
	Order	24
	Is No Connect	False

Object	Property Name	Property Value
CRS/CRS_DV	Name	CRS/CRS_DV
	Number	26
	Swap Id	-1
	Type	Passive
	Net Name	RMII_CRS_DV
	Order	25
	Is No Connect	False

Object	Property Name	Property Value
COL	Name	COL
	Number	27
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	26
	Is No Connect	True

Object	Property Name	Property Value
RXER/FXEN	Name	RXER/FXEN
	Number	28
	Swap Id	-1
	Type	Passive
	Net Name	RMII_RXER
	Order	27
	Is No Connect	False

Object	Property Name	Property Value
DVDD10OUT	Name	DVDD10OUT
	Number	29
	Swap Id	-1
	Type	Power
	Net Name	DVDD10
	Order	28
	Is No Connect	False

Object	Property Name	Property Value
AVDD33	Name	AVDD33
	Number	30
	Swap Id	-1
	Type	Power
	Net Name	VCC_3V3
	Order	29
	Is No Connect	False

Object	Property Name	Property Value
CKXTAL1	Name	CKXTAL1
	Number	31
	Swap Id	-1
	Type	Passive
	Net Name	XTAL_IN
	Order	30
	Is No Connect	False

Object	Property Name	Property Value
CKXTAL2	Name	CKXTAL2
	Number	32
	Swap Id	-1
	Type	Passive
	Net Name	XTAL_OUT
	Order	31
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	33
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	32
	Is No Connect	False

Object	Property Name	Property Value
INS129280	PCB Footprint	r0402
	Name	INS129280
	Part Reference	R35
	Reference	R35
	Designator	
	Value	4.7K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	730
	Location Y-Coordinate	420
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	LED_LINK/PHY1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS138169	PCB Footprint	c0402
	Name	INS138169
	Part Reference	C66
	Reference	C66
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	20
	Location Y-Coordinate	760
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	DVDD10
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS58969	PCB Footprint	elqfp128
	Name	INS58969
	Part Reference	U2C
	Reference	U2
	Designator	C
	Value	D1s
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	350
	Location Y-Coordinate	30
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	D1sC.Normal
	Source Package	D1s
	Power Pins Visible	False
	Graphic	D1sC.Normal

Object	Property Name	Property Value
PG6/UART1_TX/TWI2_SCK/RGMII_TXD2/PWM1/PG_EINT6	Name	PG6/UART1_TX/TWI2_SCK/RGMII_TXD2/PWM1/PG_EINT6
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	PG6
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
PG7/UART1_RX/TWI2_SDA/RGMII_TXD3/SPDIF_IN/PG_EINT7	Name	PG7/UART1_RX/TWI2_SDA/RGMII_TXD3/SPDIF_IN/PG_EINT7
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	PG7
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
PG8/UART1_RTS/TWI1_SCK/RGMII_RXD2/UART3_TX/PG_EINT8	Name	PG8/UART1_RTS/TWI1_SCK/RGMII_RXD2/UART3_TX/PG_EINT8
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	PG8
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
PG9/UART1_CTS/TWI1_SDA/RGMII_RXD3/UART3_RX/PG_EINT9	Name	PG9/UART1_CTS/TWI1_SDA/RGMII_RXD3/UART3_RX/PG_EINT9
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	PG9
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
PG10/PWM3/TWI3_SCK/RGMII_RXCK/CLK_FANOUT04R_RX/PG_EINT10	Name	PG10/PWM3/TWI3_SCK/RGMII_RXCK/CLK_FANOUT0/IR_RX/PG_EI
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	PHY_RESET
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
PG11/I2S1_MCLK/TWI3_SDA/EPHY_25M/CLK_FANOUT1/TCON_TRIG/PG_EINT11	Name	PG11/I2S1_MCLK/TWI3_SDA/EPHY_25M/CLK_FANOUT1/TCON_TRI
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	RMII_25M_OUT
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
PG0/SDC1_CLK/UART3_TX/RGMII_RXCTRL/RMII_CRS_DV/PWM7/PG_EINT0	Name	PG0/SDC1_CLK/UART3_TX/RGMII_RXCTRL/RMII_CRS_DV/PWM7/P
	Number	120
	Swap Id	-1
	Type	Passive
	Net Name	RMII_CRS_DV
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
PG1/SDC1_CMD/UART3_RX/RGMII_RXD0/RMII_RXD0/PWM6/PG_EINT1	Name	PG1/SDC1_CMD/UART3_RX/RGMII_RXD0/RMII_RXD0/PWM6/PG_EI
	Number	118
	Swap Id	-1
	Type	Passive
	Net Name	RMII_RXD0
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
PG2/SDC1_D0/UART3_RTS/RGMII_RXD1/RMII_RXD1/UART4_TX/PG_EINT2	Name	PG2/SDC1_D0/UART3_RTS/RGMII_RXD1/RMII_RXD1/UART4_TX/PG
	Number	119
	Swap Id	-1
	Type	Passive
	Net Name	RMII_RXD1
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
PG3/SDC1_D1/UART3_CTS/RGMII_TXCK/RMII_TXCK/UART4_RX/PG_EINT3	Name	PG3/SDC1_D1/UART3_CTS/RGMII_TXCK/RMII_TXCK/UART4_RX/PG
	Number	121
	Swap Id	-1
	Type	Passive
	Net Name	RMII_TXCK
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
PG5/SDC1_D3/UART5_RX/RGMII_TXD1/RMII_TXD1/PWM4/PG_EINT5	Name	PG5/SDC1_D3/UART5_RX/RGMII_TXD1/RMII_TXD1/PWM4/PG_EINT
	Number	122
	Swap Id	-1
	Type	Passive
	Net Name	RMII_TXD1
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
PG4/SDC1_D2/UART5_TX/RGMII_TXD0/RMII_TXD0/PWM5/PG_EINT4	Name	PG4/SDC1_D2/UART5_TX/RGMII_TXD0/RMII_TXD0/PWM5/PG_EINT
	Number	123
	Swap Id	-1
	Type	Passive
	Net Name	RMII_TXD0
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
PG12/I2S1_LRCK/TWI0_SCK/RGMII_TXCTRL/RMII_TXEN/CLK_FANOUT2/ PWM0/UART1_TX/PG_EINT12	Name	PG12/I2S1_LRCK/TWI0_SCK/RGMII_TXCTRL/RMII_TXEN/CLK_FAN
	Number	124
	Swap Id	-1
	Type	Passive
	Net Name	RMII_TXEN
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
PG13/I2S1_BCLK/TWI0_SDA/RGMII_CLKIN/RMII_RXER/PWM2/ LEDC_DO/UART1_RX/PG_EINT13	Name	PG13/I2S1_BCLK/TWI0_SDA/RGMII_CLKIN/RMII_RXER/PWM2/ LEDC
	Number	125
	Swap Id	-1
	Type	Passive
	Net Name	RMII_RXER
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
PG14/I2S1_DIN0/TWI2_SCK/MDC/I2S1_DOUT1/SPID_WP/UART1_RTS/PG_EINT14	Name	PG14/I2S1_DIN0/TWI2_SCK/MDC/I2S1_DOUT1/SPID_WP/UART1_RT
	Number	126
	Swap Id	-1
	Type	Passive
	Net Name	PHY_MDC
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
PG15/I2S1_DOUT0/TWI2_SDA/MDIO/I2S1_DIN1/SPID_HOLD/UART1_CTS/PG_EINT15	Name	PG15/I2S1_DOUT0/TWI2_SDA/MDIO/I2S1_DIN1/SPID_HOLD/UART1_
	Number	127
	Swap Id	-1
	Type	Passive
	Net Name	PHY_MDIO
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
VCC-PG	Name	VCC-PG
	Number	128
	Swap Id	-1
	Type	Power
	Net Name	VCC_3V3
	Order	16
	Is No Connect	False

Object	Property Name	Property Value
INS129300	PCB Footprint	r0402
	Name	INS129300
	Part Reference	R36
	Reference	R36
	Designator	
	Value	510R
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	770
	Location Y-Coordinate	460
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	YLED-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS128796	PCB Footprint	r0402
	Name	INS128796
	Part Reference	R37
	Reference	R37
	Designator	
	Value	2.49K-1%
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	200
	Location Y-Coordinate	730
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N128821
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS136482	PCB Footprint	c0603
	Name	INS136482
	Part Reference	C68
	Reference	C68
	Designator	
	Value	4.7uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	370
	Location Y-Coordinate	770
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3.3V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS133454	PCB Footprint	c0402
	Name	INS133454
	Part Reference	C61
	Reference	C61
	Designator	
	Value	12pF/NC
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	60
	Location Y-Coordinate	290
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	XTAL_IN
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS215373	PCB Footprint	c0402
	Name	INS215373
	Part Reference	C72
	Reference	C72
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	570
	Location Y-Coordinate	770
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3.3V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS56478	PCB Footprint	hr911105a
	Name	INS56478
	Part Reference	U8
	Reference	U8
	Designator	
	Value	HR911105A
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	840
	Location Y-Coordinate	530
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	HR911105A.Normal
	Source Package	HR911105A
	Power Pins Visible	False
	Graphic	HR911105A.Normal

Object	Property Name	Property Value
TD+	Name	TD+
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	TX+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
TD-	Name	TD-
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TX-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
RD+	Name	RD+
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	RX+
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	N128859
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	N128847
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
RD-	Name	RD-
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	RX-
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
NC	Name	NC
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	6
	Is No Connect	True

Object	Property Name	Property Value
GND	Name	GND
	Number	8
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
9	Name	9
	Number	9
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
10	Name	10
	Number	10
	Swap Id	-1
	Type	Passive
	Net Name	GLED-
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
11	Name	11
	Number	11
	Swap Id	-1
	Type	Passive
	Net Name	YLED-
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
12	Name	12
	Number	12
	Swap Id	-1
	Type	Passive
	Net Name	LED_LINK/PHY1
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
SH1	Name	SH1
	Number	13
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
SH2	Name	SH2
	Number	14
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
INS140234	PCB Footprint	c0603
	Name	INS140234
	Part Reference	C59
	Reference	C59
	Designator	
	Value	4.7uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	1070
	Location Y-Coordinate	110
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3.3V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS133669	PCB Footprint	r0402
	Name	INS133669
	Part Reference	R28
	Reference	R28
	Designator	
	Value	22R
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	420
	Location Y-Coordinate	280
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	RMII_25M_OUT
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	XTAL_OUT
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS134376	PCB Footprint	r0402
	Name	INS134376
	Part Reference	R29
	Reference	R29
	Designator	
	Value	0R
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	420
	Location Y-Coordinate	300
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	XTAL_IN
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS136498	PCB Footprint	c0402
	Name	INS136498
	Part Reference	C69
	Reference	C69
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	420
	Location Y-Coordinate	770
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3.3V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS133470	PCB Footprint	c0402
	Name	INS133470
	Part Reference	C62
	Reference	C62
	Designator	
	Value	12pF/NC
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	220
	Location Y-Coordinate	290
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	XTAL_OUT
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS205190	PCB Footprint	tp10
	Name	INS205190
	Part Reference	T23
	Reference	T23
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	30
	Location Y-Coordinate	450
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	AVDD10
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS139135	PCB Footprint	r0402
	Name	INS139135
	Part Reference	R32
	Reference	R32
	Designator	
	Value	1.5K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	1040
	Location Y-Coordinate	350
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	PHY_MDIO
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS130047	PCB Footprint	c0402
	Name	INS130047
	Part Reference	C65
	Reference	C65
	Designator	
	Value	22nF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	730
	Location Y-Coordinate	610
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N128859
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS140250	PCB Footprint	c0402
	Name	INS140250
	Part Reference	C60
	Reference	C60
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	1119
	Location Y-Coordinate	110
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3.3V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS136514	PCB Footprint	c0603
	Name	INS136514
	Part Reference	C70
	Reference	C70
	Designator	
	Value	4.7uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	470
	Location Y-Coordinate	770
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3.3V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS140554	PCB Footprint	r0402
	Name	INS140554
	Part Reference	R34
	Reference	R34
	Designator	
	Value	4.7K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	520
	Location Y-Coordinate	400
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	PHY_RESET
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS128941	PCB Footprint	r0402
	Name	INS128941
	Part Reference	R30
	Reference	R30
	Designator	
	Value	4.7K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	730
	Location Y-Coordinate	310
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	LED_ACT/PHY0
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS205108	PCB Footprint	tp10
	Name	INS205108
	Part Reference	T20
	Reference	T20
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	30
	Location Y-Coordinate	390
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	XTAL_OUT
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS130063	PCB Footprint	c0402
	Name	INS130063
	Part Reference	C64
	Reference	C64
	Designator	
	Value	22nF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	690
	Location Y-Coordinate	610
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N128847
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS136530	PCB Footprint	c0402
	Name	INS136530
	Part Reference	C71
	Reference	C71
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	520
	Location Y-Coordinate	770
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3.3V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS136230	PCB Footprint	r0402
	Name	INS136230
	Part Reference	R33
	Reference	R33
	Designator	
	Value	4.7K/NC
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	1050
	Location Y-Coordinate	390
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	RXD3/CLK_CTL
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS205118	PCB Footprint	tp10
	Name	INS205118
	Part Reference	T21
	Reference	T21
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	30
	Location Y-Coordinate	410
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	RMII_TXCK
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS138153	PCB Footprint	c0402
	Name	INS138153
	Part Reference	C67
	Reference	C67
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	70
	Location Y-Coordinate	760
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	AVDD10
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS140579	PCB Footprint	c0402
	Name	INS140579
	Part Reference	C63
	Reference	C63
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	520
	Location Y-Coordinate	450
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	PHY_RESET
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
Line	Name	I198336
	Location X-Coordinate	0
	Location Y-Coordinate	390
	Color	Default
	Start X-Coordinate	0
	Start Y-Coordinate	390
	End X-Coordinate	1169
	End Y-Coordinate	390
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I214200
	Location X-Coordinate	360
	Location Y-Coordinate	390
	Color	Default
	Start X-Coordinate	360
	Start Y-Coordinate	390
	End X-Coordinate	360
	End Y-Coordinate	826
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I214206
	Location X-Coordinate	700
	Location Y-Coordinate	390
	Color	Default
	Start X-Coordinate	700
	Start Y-Coordinate	390
	End X-Coordinate	700
	End Y-Coordinate	826
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I214687
	Location X-Coordinate	260
	Location Y-Coordinate	0
	Color	Default
	Start X-Coordinate	260
	Start Y-Coordinate	0
	End X-Coordinate	260
	End Y-Coordinate	390
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
VCC_5V5 (Wire ID = 153096)	Net Name	VCC_5V5
	ID	273104

Object	Property Name	Property Value
VCC_5V5 (Wire ID = 153100)	Net Name	VCC_5V5
	ID	273104

Object	Property Name	Property Value
CTP_INT (Wire ID = 153104)	Net Name	CTP_INT
	ID	273107

Object	Property Name	Property Value
TWI2_SCK (Wire ID = 153108)	Net Name	TWI2_SCK
	ID	273124

Object	Property Name	Property Value
TWI2_SDA (Wire ID = 153112)	Net Name	TWI2_SDA
	ID	273129

Object	Property Name	Property Value
CTP_RESET (Wire ID = 153116)	Net Name	CTP_RESET
	ID	273132

Object	Property Name	Property Value
LCD_BL (Wire ID = 153120)	Net Name	LCD_BL
	ID	273087

Object	Property Name	Property Value
MIPI_DP1 (Wire ID = 153132)	Net Name	MIPI_DP1
	ID	273120

Object	Property Name	Property Value
MIPI_DN1 (Wire ID = 153136)	Net Name	MIPI_DN1
	ID	273182

Object	Property Name	Property Value
MIPI_CKP (Wire ID = 153144)	Net Name	MIPI_CKP
	ID	273165

Object	Property Name	Property Value
MIPI_CKN (Wire ID = 153148)	Net Name	MIPI_CKN
	ID	273094

Object	Property Name	Property Value
MIPI_DP0 (Wire ID = 153235)	Net Name	MIPI_DP0
	ID	273190

Object	Property Name	Property Value
MIPI_DN0 (Wire ID = 153239)	Net Name	MIPI_DN0
	ID	273091

Object	Property Name	Property Value
MIPI_DP2 (Wire ID = 153247)	Net Name	MIPI_DP2
	ID	273096

Object	Property Name	Property Value
MIPI_DN2 (Wire ID = 153251)	Net Name	MIPI_DN2
	ID	273148

Object	Property Name	Property Value
MIPI_DP3 (Wire ID = 153259)	Net Name	MIPI_DP3
	ID	273150

Object	Property Name	Property Value
MIPI_DN3 (Wire ID = 153263)	Net Name	MIPI_DN3
	ID	273102

Object	Property Name	Property Value
MIPI_RESET (Wire ID = 153271)	Net Name	MIPI_RESET
	ID	273117

Object	Property Name	Property Value
GND (Wire ID = 153289)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 153291)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 153322)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
VCC_5V5 (Wire ID = 157994)	Net Name	VCC_5V5
	ID	273104

Object	Property Name	Property Value
VCC_5V5 (Wire ID = 158007)	Net Name	VCC_5V5
	ID	273104

Object	Property Name	Property Value
MIPI_DP0 (Wire ID = 158689)	Net Name	MIPI_DP0
	ID	273190

Object	Property Name	Property Value
MIPI_DN0 (Wire ID = 158710)	Net Name	MIPI_DN0
	ID	273091

Object	Property Name	Property Value
MIPI_DP1 (Wire ID = 158714)	Net Name	MIPI_DP1
	ID	273120

Object	Property Name	Property Value
MIPI_DN1 (Wire ID = 158718)	Net Name	MIPI_DN1
	ID	273182

Object	Property Name	Property Value
MIPI_CKP (Wire ID = 158722)	Net Name	MIPI_CKP
	ID	273165

Object	Property Name	Property Value
MIPI_CKN (Wire ID = 158726)	Net Name	MIPI_CKN
	ID	273094

Object	Property Name	Property Value
MIPI_DP2 (Wire ID = 158730)	Net Name	MIPI_DP2
	ID	273096

Object	Property Name	Property Value
MIPI_DN2 (Wire ID = 158734)	Net Name	MIPI_DN2
	ID	273148

Object	Property Name	Property Value
MIPI_DP3 (Wire ID = 158738)	Net Name	MIPI_DP3
	ID	273150

Object	Property Name	Property Value
MIPI_DN3 (Wire ID = 158742)	Net Name	MIPI_DN3
	ID	273102

Object	Property Name	Property Value
CTP_INT (Wire ID = 158817)	Net Name	CTP_INT
	ID	273107

Object	Property Name	Property Value
MIPI_RESET (Wire ID = 158821)	Net Name	MIPI_RESET
	ID	273117

Object	Property Name	Property Value
LCD_BL (Wire ID = 158825)	Net Name	LCD_BL
	ID	273087

Object	Property Name	Property Value
VCC_5V (Wire ID = 158986)	Net Name	VCC_5V
	ID	273141

Object	Property Name	Property Value
VCC_5V (Wire ID = 158990)	Net Name	VCC_5V
	ID	273141

Object	Property Name	Property Value
VCC_5V (Wire ID = 158992)	Net Name	VCC_5V
	ID	273141

Object	Property Name	Property Value
VCC_5V (Wire ID = 158996)	Net Name	VCC_5V
	ID	273141

Object	Property Name	Property Value
GND (Wire ID = 159003)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159007)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159009)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159015)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
CTP_RESET (Wire ID = 159064)	Net Name	CTP_RESET
	ID	273132

Object	Property Name	Property Value
VCC_1V8 (Wire ID = 159127)	Net Name	VCC_1V8
	ID	273121

Object	Property Name	Property Value
VCC_1V8 (Wire ID = 159129)	Net Name	VCC_1V8
	ID	273121

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 159134)	Net Name	VCC_3V3
	ID	273101

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 159136)	Net Name	VCC_3V3
	ID	273101

Object	Property Name	Property Value
VCC_1V8 (Wire ID = 159265)	Net Name	VCC_1V8
	ID	273121

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 159271)	Net Name	VCC_3V3
	ID	273101

Object	Property Name	Property Value
GND (Wire ID = 159277)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159318)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159502)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159612)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159616)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159631)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159635)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159652)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159656)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159675)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159679)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159700)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159704)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159727)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159731)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159756)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 159760)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
PD18 (Wire ID = 160005)	Net Name	PD18
	ID	273134

Object	Property Name	Property Value
TWI2_SCK (Wire ID = 162995)	Net Name	TWI2_SCK
	ID	273124

Object	Property Name	Property Value
TWI2_SDA (Wire ID = 162999)	Net Name	TWI2_SDA
	ID	273129

Object	Property Name	Property Value
UART3_RX (Wire ID = 163384)	Net Name	UART3_RX
	ID	273178

Object	Property Name	Property Value
UART3_TX (Wire ID = 163388)	Net Name	UART3_TX
	ID	273219

Object	Property Name	Property Value
UART3_TX (Wire ID = 163461)	Net Name	UART3_TX
	ID	273219

Object	Property Name	Property Value
UART3_RX (Wire ID = 163475)	Net Name	UART3_RX
	ID	273178

Object	Property Name	Property Value
GND (Wire ID = 176435)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 176479)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
PB2 (Wire ID = 186556)	Net Name	PB2
	ID	273140

Object	Property Name	Property Value
PB3 (Wire ID = 186560)	Net Name	PB3
	ID	273208

Object	Property Name	Property Value
PB4 (Wire ID = 186564)	Net Name	PB4
	ID	273192

Object	Property Name	Property Value
PB5 (Wire ID = 186568)	Net Name	PB5
	ID	273189

Object	Property Name	Property Value
PB2 (Wire ID = 186802)	Net Name	PB2
	ID	273140

Object	Property Name	Property Value
PB3 (Wire ID = 186806)	Net Name	PB3
	ID	273208

Object	Property Name	Property Value
PB4 (Wire ID = 186849)	Net Name	PB4
	ID	273192

Object	Property Name	Property Value
SPI1_CS (Wire ID = 188246)	Net Name	SPI1_CS
	ID	273162

Object	Property Name	Property Value
SPI1_CLK (Wire ID = 188250)	Net Name	SPI1_CLK
	ID	273125

Object	Property Name	Property Value
SPI1_MOSI (Wire ID = 188254)	Net Name	SPI1_MOSI
	ID	273142

Object	Property Name	Property Value
SPI1_MISO (Wire ID = 188258)	Net Name	SPI1_MISO
	ID	273090

Object	Property Name	Property Value
PD14 (Wire ID = 188262)	Net Name	PD14
	ID	273106

Object	Property Name	Property Value
PD15 (Wire ID = 188266)	Net Name	PD15
	ID	273130

Object	Property Name	Property Value
PD16 (Wire ID = 188270)	Net Name	PD16
	ID	273114

Object	Property Name	Property Value
PD17 (Wire ID = 188274)	Net Name	PD17
	ID	273122

Object	Property Name	Property Value
PB5 (Wire ID = 188397)	Net Name	PB5
	ID	273189

Object	Property Name	Property Value
PG6 (Wire ID = 189558)	Net Name	PG6
	ID	273164

Object	Property Name	Property Value
PG7 (Wire ID = 189570)	Net Name	PG7
	ID	273100

Object	Property Name	Property Value
MIPI_DP0 (Wire ID = 209133)	Net Name	MIPI_DP0
	ID	273190

Object	Property Name	Property Value
MIPI_DN0 (Wire ID = 209137)	Net Name	MIPI_DN0
	ID	273091

Object	Property Name	Property Value
MIPI_DP1 (Wire ID = 209141)	Net Name	MIPI_DP1
	ID	273120

Object	Property Name	Property Value
MIPI_DN1 (Wire ID = 209145)	Net Name	MIPI_DN1
	ID	273182

Object	Property Name	Property Value
MIPI_CKP (Wire ID = 209149)	Net Name	MIPI_CKP
	ID	273165

Object	Property Name	Property Value
MIPI_CKN (Wire ID = 209153)	Net Name	MIPI_CKN
	ID	273094

Object	Property Name	Property Value
MIPI_DP2 (Wire ID = 209157)	Net Name	MIPI_DP2
	ID	273096

Object	Property Name	Property Value
MIPI_DN2 (Wire ID = 209161)	Net Name	MIPI_DN2
	ID	273148

Object	Property Name	Property Value
MIPI_DP3 (Wire ID = 209165)	Net Name	MIPI_DP3
	ID	273150

Object	Property Name	Property Value
MIPI_DN3 (Wire ID = 209169)	Net Name	MIPI_DN3
	ID	273102

Object	Property Name	Property Value
SPI1_CS (Wire ID = 209173)	Net Name	SPI1_CS
	ID	273162

Object	Property Name	Property Value
SPI1_CLK (Wire ID = 209177)	Net Name	SPI1_CLK
	ID	273125

Object	Property Name	Property Value
SPI1_MOSI (Wire ID = 209181)	Net Name	SPI1_MOSI
	ID	273142

Object	Property Name	Property Value
SPI1_MISO (Wire ID = 209185)	Net Name	SPI1_MISO
	ID	273090

Object	Property Name	Property Value
PD14 (Wire ID = 209189)	Net Name	PD14
	ID	273106

Object	Property Name	Property Value
PD15 (Wire ID = 209193)	Net Name	PD15
	ID	273130

Object	Property Name	Property Value
PD16 (Wire ID = 209197)	Net Name	PD16
	ID	273114

Object	Property Name	Property Value
PD17 (Wire ID = 209201)	Net Name	PD17
	ID	273122

Object	Property Name	Property Value
PD18 (Wire ID = 209205)	Net Name	PD18
	ID	273134

Object	Property Name	Property Value
CTP_RESET (Wire ID = 209209)	Net Name	CTP_RESET
	ID	273132

Object	Property Name	Property Value
CTP_INT (Wire ID = 209434)	Net Name	CTP_INT
	ID	273107

Object	Property Name	Property Value
MIPI_RESET (Wire ID = 209438)	Net Name	MIPI_RESET
	ID	273117

Object	Property Name	Property Value
LCD_BL (Wire ID = 209442)	Net Name	LCD_BL
	ID	273087

Object	Property Name	Property Value
TWI2_SCK (Wire ID = 209446)	Net Name	TWI2_SCK
	ID	273124

Object	Property Name	Property Value
TWI2_SDA (Wire ID = 209450)	Net Name	TWI2_SDA
	ID	273129

Object	Property Name	Property Value
PG7 (Wire ID = 209458)	Net Name	PG7
	ID	273100

Object	Property Name	Property Value
GND (Wire ID = 209462)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 209466)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 209470)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 209474)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 209478)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 209482)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 209486)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 209490)	Net Name	VCC_3V3
	ID	273101

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 209494)	Net Name	VCC_3V3
	ID	273101

Object	Property Name	Property Value
GND (Wire ID = 209498)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
GND (Wire ID = 209502)	Net Name	GND
	ID	273105

Object	Property Name	Property Value
VCC_5V (Wire ID = 209506)	Net Name	VCC_5V
	ID	273141

Object	Property Name	Property Value
VCC_5V (Wire ID = 213476)	Net Name	VCC_5V
	ID	273141

Object	Property Name	Property Value
PG6 (Wire ID = 214550)	Net Name	PG6
	ID	273164

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	130
	Location Y-Coordinate	800
	Color	Default

Object	Property Name	Property Value
VCC_5V5	Name	VCC_5V5
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	110
	Location Y-Coordinate	430
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	970
	Location Y-Coordinate	610
	Color	Default

Object	Property Name	Property Value
VCC_5V	Name	VCC_5V
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	970
	Location Y-Coordinate	530
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	940
	Location Y-Coordinate	20
	Color	Default

Object	Property Name	Property Value
VCC_1V8	Name	VCC_1V8
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	890
	Location Y-Coordinate	20
	Color	Default

Object	Property Name	Property Value
VCC_1V8	Name	VCC_1V8
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	820
	Location Y-Coordinate	530
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	900
	Location Y-Coordinate	530
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	820
	Location Y-Coordinate	610
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	900
	Location Y-Coordinate	610
	Color	Default

Object	Property Name	Property Value
PB2	Name	PB2
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	Location X-Coordinate	100
	Location Y-Coordinate	110
	Color	Default

Object	Property Name	Property Value
PB3	Name	PB3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	Location X-Coordinate	100
	Location Y-Coordinate	120
	Color	Default

Object	Property Name	Property Value
PB4	Name	PB4
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	Location X-Coordinate	100
	Location Y-Coordinate	130
	Color	Default

Object	Property Name	Property Value
PB5	Name	PB5
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	Location X-Coordinate	100
	Location Y-Coordinate	140
	Color	Default

Object	Property Name	Property Value
TWI2_SCK	Name	TWI2_SCK
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L
	Location X-Coordinate	100
	Location Y-Coordinate	30
	Color	Default

Object	Property Name	Property Value
UART3_TX	Name	UART3_TX
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L
	Location X-Coordinate	100
	Location Y-Coordinate	50
	Color	Default

Object	Property Name	Property Value
UART3_RX	Name	UART3_RX
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L
	Location X-Coordinate	100
	Location Y-Coordinate	60
	Color	Default

Object	Property Name	Property Value
PG6	Name	PG6
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L
	Location X-Coordinate	100
	Location Y-Coordinate	80
	Color	Default

Object	Property Name	Property Value
PG7	Name	PG7
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L
	Location X-Coordinate	100
	Location Y-Coordinate	90
	Color	Default

Object	Property Name	Property Value
TWI2_SDA	Name	TWI2_SDA
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L
	Location X-Coordinate	100
	Location Y-Coordinate	40
	Color	Default

Object	Property Name	Property Value
TitleBlockNefu	Page Count	10
	Page Number	0
	OrgAddr4	
	OrgAddr3	
	OrgAddr2	
	OrgAddr1	
	OrgName	
	Title	D1S_NEFU
	Cage Code	
	RevCode	1.0
	Doc	
	Name	TitleBlockNefu
	Design Name	D1S_NEFU_V1_0
	Design File Name	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE\PROJECT\D1S_
	Design Create Date	Tuesday, November 05, 2024
	Design Modify Date	Friday, December 20, 2024
	Design Create Time	11:19:09
	Design Modify Time	08:07:15
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, November 05, 2024
	Schematic Modify Date	Thursday, December 19, 2024
	Schematic Create Time	11:19:10
	Schematic Modify Time	08:07:16
	Schematic Page Count	10
	Schematic Page Number	7
	Page Size	A4
	Page Create Date	Thursday, November 28, 2024
	Page Modify Date	Thursday, December 19, 2024
	Page Create Time	07:51:59
	Page Modify Time	07:53:24
	Location X-Coordinate	789
	Location Y-Coordinate	736
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE\PROJECT\SCH_
	Source Symbol	TitleBlockNefu
	Page Name	06 DISPLAY

Object	Property Name	Property Value
INS158868	PCB Footprint	c0402
	Name	INS158868
	Part Reference	C55
	Reference	C55
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	820
	Location Y-Coordinate	570
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_1V8
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS57612	PCB Footprint	elqfp128
	Name	INS57612
	Part Reference	U2G
	Reference	U2
	Designator	G
	Value	D1s
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	430
	Location Y-Coordinate	30
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	D1sG.Normal
	Source Package	D1s
	Power Pins Visible	False
	Graphic	D1sG.Normal

Object	Property Name	Property Value
	Name	VCC-LVDS
	Number	65
	Swap Id	-1
VCC-LVDS	Type	Power
	Net Name	VCC_1V8
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	VCC-PD
	Number	66
	Swap Id	-1
VCC-PD	Type	Power
	Net Name	VCC_3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	PD10/LCD0_D14/LVDS1_V0P/SPI1_CS/DBI_CSX/UART3_TX/PD_EIN
	Number	67
	Swap Id	-1
PD10/LCD0_D14/LVDS1_V0P/SPI1_CS/DBI_CSX/UART3_TX/PD_EINT10	Type	Passive
	Net Name	SPI1_CS
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	PD11/LCD0_D15/LVDS1_V0N/SPI1_CLK/DBI_SCLK/UART3_RX/PD_
	Number	68
	Swap Id	-1
PD11/LCD0_D15/LVDS1_V0N/SPI1_CLK/DBI_SCLK/UART3_RX/PD_EINT11	Type	Passive
	Net Name	SPI1_CLK
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	PD13/LCD0_D19/LVDS1_V1N/SPI1_MISO/DBI_SDI/DBI_TE/DBI_DCX
	Number	69
	Swap Id	-1
PD13/LCD0_D19/LVDS1_V1N/SPI1_MISO/DBI_SDI/DBI_TE/DBI_DCX/UART3_RTS/PD_EINT13	Type	Passive
	Net Name	SPI1_MISO
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	PD12/LCD0_D18/LVDS1_V1P/SPI1_MOSI/DBI_SDO/TWI0_SDA/PD_
	Number	70
	Swap Id	-1
PD12/LCD0_D18/LVDS1_V1P/SPI1_MOSI/DBI_SDO/TWI0_SDA/PD_EINT12	Type	Passive
	Net Name	SPI1_MOSI
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
PD14/LCD0_D20/LVDS1_V2P/SPI1_HOLD/DBI_DCX/DBI_WRX/UART3_CTS/PD_EINT14	Name	PD14/LCD0_D20/LVDS1_V2P/SPI1_HOLD/DBI_DCX/DBI_WRX/UART
	Number	71
	Swap Id	-1
	Type	Passive
	Net Name	PD14
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
PD15/LCD0_D21/LVDS1_V2N/SPI1_WP/DBI_TE/IR_RX/PD_EINT15	Name	PD15/LCD0_D21/LVDS1_V2N/SPI1_WP/DBI_TE/IR_RX/PD_EINT15
	Number	72
	Swap Id	-1
	Type	Passive
	Net Name	PD15
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
PD16/LCD0_D22/LVDS1_CKP/DMIC_DATA3/PWM0/PD_EINT16	Name	PD16/LCD0_D22/LVDS1_CKP/DMIC_DATA3/PWM0/PD_EINT16
	Number	73
	Swap Id	-1
	Type	Passive
	Net Name	PD16
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
PD17/LCD0_D23/LVDS1_CKN/DMIC_DATA2/PWM1/PD_EINT17	Name	PD17/LCD0_D23/LVDS1_CKN/DMIC_DATA2/PWM1/PD_EINT17
	Number	74
	Swap Id	-1
	Type	Passive
	Net Name	PD17
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
PD18/LCD0_CLK/LVDS1_V3P/DMIC_DATA1/PWM2/PD_EINT18	Name	PD18/LCD0_CLK/LVDS1_V3P/DMIC_DATA1/PWM2/PD_EINT18
	Number	75
	Swap Id	-1
	Type	Passive
	Net Name	PD18
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
PD19/LCD0_DE/LVDS1_V3N/DMIC_DATA0/PWM3/PD_EINT19	Name	PD19/LCD0_DE/LVDS1_V3N/DMIC_DATA0/PWM3/PD_EINT19
	Number	76
	Swap Id	-1
	Type	Passive
	Net Name	CTP_RESET
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
PD0/LCD0_D2/LVDS0_V0P/DSI_D0P/TWI0_SCK/PD_EINT0	Name	PD0/LCD0_D2/LVDS0_V0P/DSI_D0P/TWI0_SCK/PD_EINT0
	Number	55
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DP0
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
PD1/LCD0_D3/LVDS0_V0N/DSI_D0N/UART2_TX/PD_EINT1	Name	PD1/LCD0_D3/LVDS0_V0N/DSI_D0N/UART2_TX/PD_EINT1
	Number	56
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DN0
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
PD2/LCD0_D4/LVDS0_V1P/DSI_D1P/UART2_RX/PD_EINT2	Name	PD2/LCD0_D4/LVDS0_V1P/DSI_D1P/UART2_RX/PD_EINT2
	Number	57
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DP1
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
PD3/LCD0_D5/LVDS0_V1N/DSI_D1N/UART2_RTS/PD_EINT3	Name	PD3/LCD0_D5/LVDS0_V1N/DSI_D1N/UART2_RTS/PD_EINT3
	Number	58
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DN1
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
PD4/LCD0_D6/LVDS0_V2P/DSI_CKP/UART2_CTS/PD_EINT4	Name	PD4/LCD0_D6/LVDS0_V2P/DSI_CKP/UART2_CTS/PD_EINT4
	Number	59
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_CKP
	Order	16
	Is No Connect	False

Object	Property Name	Property Value
PD5/LCD0_D7/LVDS0_V2N/DSI_CKN/UART5_TX/PD_EINT5	Name	PD5/LCD0_D7/LVDS0_V2N/DSI_CKN/UART5_TX/PD_EINT5
	Number	60
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_CKN
	Order	17
	Is No Connect	False

Object	Property Name	Property Value
PD6/LCD0_D10/LVDS0_CKP/DSI_D2P/UART5_RX/PD_EINT6	Name	PD6/LCD0_D10/LVDS0_CKP/DSI_D2P/UART5_RX/PD_EINT6
	Number	61
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DP2
	Order	18
	Is No Connect	False

Object	Property Name	Property Value
PD7/LCD0_D11/LVDS0_CKN/DSI_D2N/UART4_TX/PD_EINT7	Name	PD7/LCD0_D11/LVDS0_CKN/DSI_D2N/UART4_TX/PD_EINT7
	Number	62
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DN2
	Order	19
	Is No Connect	False

Object	Property Name	Property Value
PD8/LCD0_D12/LVDS0_V3P/DSI_D3P/UART4_RX/PD_EINT8	Name	PD8/LCD0_D12/LVDS0_V3P/DSI_D3P/UART4_RX/PD_EINT8
	Number	63
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DP3
	Order	20
	Is No Connect	False

Object	Property Name	Property Value
PD9/LCD0_D13/LVDS0_V3N/DSI_D3N/PWM6/PD_EINT9	Name	PD9/LCD0_D13/LVDS0_V3N/DSI_D3N/PWM6/PD_EINT9
	Number	64
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DN3
	Order	21
	Is No Connect	False

Object	Property Name	Property Value
PD20/LCD0_HSYNC/TWI2_SCK/DMIC_CLK/PWM4/PD_EINT20	Name	PD20/LCD0_HSYNC/TWI2_SCK/DMIC_CLK/PWM4/PD_EINT20
	Number	54
	Swap Id	-1
	Type	Passive
	Net Name	CTP_INT
	Order	22
	Is No Connect	False

Object	Property Name	Property Value
PD21/LCD0_VSYNC/TWI2_SDA/UART1_TX/PWM5/PD_EINT21	Name	PD21/LCD0_VSYNC/TWI2_SDA/UART1_TX/PWM5/PD_EINT21
	Number	53
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_RESET
	Order	23
	Is No Connect	False

Object	Property Name	Property Value
PD22/SPDIF_OUT/IR_RX/UART1_RX/PWM7/PD_EINT22	Name	PD22/SPDIF_OUT/IR_RX/UART1_RX/PWM7/PD_EINT22
	Number	52
	Swap Id	-1
	Type	Passive
	Net Name	LCD_BL
	Order	24
	Is No Connect	False

Object	Property Name	Property Value
PB2/LCD0_D0/I2S2_DOUT2/TWI0_SDA/I2S2_DIN2/LCD0_D18/UART4_TX/PB_EINT2	Name	PB2/LCD0_D0/I2S2_DOUT2/TWI0_SDA/I2S2_DIN2/LCD0_D18/UART4
	Number	86
	Swap Id	-1
	Type	Passive
	Net Name	PB2
	Order	25
	Is No Connect	False

Object	Property Name	Property Value
PB3/LCD0_D1/I2S2_DOUT1/TWI0_SCK/I2S2_DIN0/LCD0_D19/UART4_RX/PB_EINT3	Name	PB3/LCD0_D1/I2S2_DOUT1/TWI0_SCK/I2S2_DIN0/LCD0_D19/UART4
	Number	85
	Swap Id	-1
	Type	Passive
	Net Name	PB3
	Order	26
	Is No Connect	False

Object	Property Name	Property Value
PB4/LCD0_D8/I2S2_DOUT0/TWI1_SCK/I2S2_DIN1/LCD0_D20/UART5_TX/PB_EINT4	Name	PB4/LCD0_D8/I2S2_DOUT0/TWI1_SCK/I2S2_DIN1/LCD0_D20/UART5
	Number	84
	Swap Id	-1
	Type	Passive
	Net Name	PB4
	Order	27
	Is No Connect	False

Object	Property Name	Property Value
PB5/LCD0_D9/I2S2_BCLK/TWI1_SDA/PWM0/LCD0_D21/UART5_RX/PB_EINT5	Name	PB5/LCD0_D9/I2S2_BCLK/TWI1_SDA/PWM0/LCD0_D21/UART5_RX/
	Number	82
	Swap Id	-1
	Type	Passive
	Net Name	PB5
	Order	28
	Is No Connect	False

Object	Property Name	Property Value
PB6/LCD0_D16/I2S2_LRCK/TWI3_SCK/PWM1/LCD0_D22/UART3_TX/CPUBIST0/PB_EINT6	Name	PB6/LCD0_D16/I2S2_LRCK/TWI3_SCK/PWM1/LCD0_D22/UART3_TX
	Number	80
	Swap Id	-1
	Type	Passive
	Net Name	UART3_TX
	Order	29
	Is No Connect	False

Object	Property Name	Property Value
PB7/LCD0_D17/I2S2_MCLK/TWI3_SDA/IR_RX/LCD0_D23/UART3_RX/CPUBIST1/PB_EINT7	Name	PB7/LCD0_D17/I2S2_MCLK/TWI3_SDA/IR_RX/LCD0_D23/UART3_RX
	Number	79
	Swap Id	-1
	Type	Passive
	Net Name	UART3_RX
	Order	30
	Is No Connect	False

Object	Property Name	Property Value
INS158884	PCB Footprint	c0402
	Name	INS158884
	Part Reference	C56
	Reference	C56
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	900
	Location Y-Coordinate	570
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS158900	PCB Footprint	c0603
	Name	INS158900
	Part Reference	C57
	Reference	C57
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	970
	Location Y-Coordinate	570
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS158916	PCB Footprint	c0402
	Name	INS158916
	Part Reference	C58
	Reference	C58
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	1020
	Location Y-Coordinate	570
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS209041	PCB Footprint	
	Name	INS209041
	Part Reference	J6
	Reference	J6
	Designator	
	Value	CON40
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	490
	Location Y-Coordinate	500
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	CON40.Normal
	Source Package	CON40
	Power Pins Visible	False
	Graphic	CON40.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DP0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DN0
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DP1
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DN1
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_CKP
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_CKN
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
7	Name	7
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DP2
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
8	Name	8
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DN2
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
9	Name	9
	Number	9
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DP3
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
10	Name	10
	Number	10
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DN3
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
11	Name	11
	Number	11
	Swap Id	-1
	Type	Passive
	Net Name	SPI1_CS
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
12	Name	12
	Number	12
	Swap Id	-1
	Type	Passive
	Net Name	SPI1_CLK
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
13	Name	13
	Number	13
	Swap Id	-1
	Type	Passive
	Net Name	SPI1_MOSI
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
14	Name	14
	Number	14
	Swap Id	-1
	Type	Passive
	Net Name	SPI1_MISO
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
15	Name	15
	Number	15
	Swap Id	-1
	Type	Passive
	Net Name	PD14
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
16	Name	16
	Number	16
	Swap Id	-1
	Type	Passive
	Net Name	PD15
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
17	Name	17
	Number	17
	Swap Id	-1
	Type	Passive
	Net Name	PD16
	Order	16
	Is No Connect	False

Object	Property Name	Property Value
18	Name	18
	Number	18
	Swap Id	-1
	Type	Passive
	Net Name	PD17
	Order	17
	Is No Connect	False

Object	Property Name	Property Value
19	Name	19
	Number	19
	Swap Id	-1
	Type	Passive
	Net Name	PD18
	Order	18
	Is No Connect	False

Object	Property Name	Property Value
20	Name	20
	Number	20
	Swap Id	-1
	Type	Passive
	Net Name	CTP_RESET
	Order	19
	Is No Connect	False

Object	Property Name	Property Value
40	Name	40
	Number	40
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5V
	Order	20
	Is No Connect	False

Object	Property Name	Property Value
39	Name	39
	Number	39
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5V
	Order	21
	Is No Connect	False

Object	Property Name	Property Value
38	Name	38
	Number	38
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	22
	Is No Connect	False

Object	Property Name	Property Value
37	Name	37
	Number	37
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	23
	Is No Connect	False

Object	Property Name	Property Value
36	Name	36
	Number	36
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	24
	Is No Connect	False

Object	Property Name	Property Value
35	Name	35
	Number	35
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	25
	Is No Connect	False

Object	Property Name	Property Value
34	Name	34
	Number	34
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	26
	Is No Connect	False

Object	Property Name	Property Value
33	Name	33
	Number	33
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	27
	Is No Connect	False

Object	Property Name	Property Value
32	Name	32
	Number	32
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	28
	Is No Connect	False

Object	Property Name	Property Value
31	Name	31
	Number	31
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	29
	Is No Connect	False

Object	Property Name	Property Value
30	Name	30
	Number	30
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	30
	Is No Connect	False

Object	Property Name	Property Value
29	Name	29
	Number	29
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	31
	Is No Connect	False

Object	Property Name	Property Value
28	Name	28
	Number	28
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	32
	Is No Connect	False

Object	Property Name	Property Value
27	Name	27
	Number	27
	Swap Id	-1
	Type	Passive
	Net Name	PG7
	Order	33
	Is No Connect	False

Object	Property Name	Property Value
26	Name	26
	Number	26
	Swap Id	-1
	Type	Passive
	Net Name	PG6
	Order	34
	Is No Connect	False

Object	Property Name	Property Value
25	Name	25
	Number	25
	Swap Id	-1
	Type	Passive
	Net Name	TWI2_SDA
	Order	35
	Is No Connect	False

Object	Property Name	Property Value
24	Name	24
	Number	24
	Swap Id	-1
	Type	Passive
	Net Name	TWI2_SCK
	Order	36
	Is No Connect	False

Object	Property Name	Property Value
23	Name	23
	Number	23
	Swap Id	-1
	Type	Passive
	Net Name	LCD_BL
	Order	37
	Is No Connect	False

Object	Property Name	Property Value
22	Name	22
	Number	22
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_RESET
	Order	38
	Is No Connect	False

Object	Property Name	Property Value
21	Name	21
	Number	21
	Swap Id	-1
	Type	Passive
	Net Name	CTP_INT
	Order	39
	Is No Connect	False

Object	Property Name	Property Value
INS176270	PCB Footprint	
	Name	INS176270
	Part Reference	J5
	Reference	J5
	Designator	
	Value	FPC_26PIN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	180
	Location Y-Coordinate	470
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	FPC_26PIN.Normal
	Source Package	FPC_26PIN
	Power Pins Visible	False
	Graphic	FPC_26PIN.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_RESET
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DN3
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DP3
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
7	Name	7
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DN2
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
8	Name	8
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DP2
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
9	Name	9
	Number	9
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
10	Name	10
	Number	10
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DN0
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
11	Name	11
	Number	11
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DP0
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
12	Name	12
	Number	12
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
13	Name	13
	Number	13
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_CKN
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
14	Name	14
	Number	14
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_CKP
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
15	Name	15
	Number	15
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
16	Name	16
	Number	16
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DN1
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
17	Name	17
	Number	17
	Swap Id	-1
	Type	Passive
	Net Name	MIPI_DP1
	Order	16
	Is No Connect	False

Object	Property Name	Property Value
18	Name	18
	Number	18
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	17
	Is No Connect	False

Object	Property Name	Property Value
19	Name	19
	Number	19
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	18
	Is No Connect	False

Object	Property Name	Property Value
20	Name	20
	Number	20
	Swap Id	-1
	Type	Passive
	Net Name	LCD_BL
	Order	19
	Is No Connect	False

Object	Property Name	Property Value
21	Name	21
	Number	21
	Swap Id	-1
	Type	Passive
	Net Name	CTP_RESET
	Order	20
	Is No Connect	False

Object	Property Name	Property Value
22	Name	22
	Number	22
	Swap Id	-1
	Type	Passive
	Net Name	TWI2_SDA
	Order	21
	Is No Connect	False

Object	Property Name	Property Value
23	Name	23
	Number	23
	Swap Id	-1
	Type	Passive
	Net Name	TWI2_SCK
	Order	22
	Is No Connect	False

Object	Property Name	Property Value
24	Name	24
	Number	24
	Swap Id	-1
	Type	Passive
	Net Name	CTP_INT
	Order	23
	Is No Connect	False

Object	Property Name	Property Value
25	Name	25
	Number	25
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5V5
	Order	24
	Is No Connect	False

Object	Property Name	Property Value
26	Name	26
	Number	26
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5V5
	Order	25
	Is No Connect	False

Object	Property Name	Property Value
SH	Name	SH
	Number	27
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	26
	Is No Connect	False

Object	Property Name	Property Value
SH	Name	SH
	Number	28
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	27
	Is No Connect	False

Object	Property Name	Property Value
Rectangle	Name	I88426
	Location X-Coordinate	1140
	Location Y-Coordinate	20
	Color	Default
	Left	810
	Top	30
	Right	990
	Bottom	110
	Line Style	Dash
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I88438
	Location X-Coordinate	970
	Location Y-Coordinate	40
	Color	RGB(128,128,64)
	Start X-Coordinate	970
	Start Y-Coordinate	50
	End X-Coordinate	970
	End Y-Coordinate	100
	Line Style	Solid
	Line Width	Medium

Object	Property Name	Property Value
Line	Name	I88444
	Location X-Coordinate	840
	Location Y-Coordinate	50
	Color	Default
	Start X-Coordinate	840
	Start Y-Coordinate	50
	End X-Coordinate	840
	End Y-Coordinate	60
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I88450
	Location X-Coordinate	890
	Location Y-Coordinate	50
	Color	Default
	Start X-Coordinate	890
	Start Y-Coordinate	50
	End X-Coordinate	890
	End Y-Coordinate	60
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I88456
	Location X-Coordinate	920
	Location Y-Coordinate	50
	Color	Default
	Start X-Coordinate	920
	Start Y-Coordinate	50
	End X-Coordinate	920
	End Y-Coordinate	60
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I88462
	Location X-Coordinate	950
	Location Y-Coordinate	50
	Color	Default
	Start X-Coordinate	950
	Start Y-Coordinate	50
	End X-Coordinate	950
	End Y-Coordinate	60
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I88468
	Location X-Coordinate	970
	Location Y-Coordinate	50
	Color	RGB(128,128,64)
	Start X-Coordinate	970
	Start Y-Coordinate	50
	End X-Coordinate	980
	End Y-Coordinate	50
	Line Style	Solid
	Line Width	Medium

Object	Property Name	Property Value
	Name	I88474
	Location X-Coordinate	830
	Location Y-Coordinate	60
	Color	Default
Line	Start X-Coordinate	840
	Start Y-Coordinate	60
	End X-Coordinate	830
	End Y-Coordinate	70
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
	Name	I88480
	Location X-Coordinate	840
	Location Y-Coordinate	60
	Color	Default
Line	Start X-Coordinate	840
	Start Y-Coordinate	60
	End X-Coordinate	840
	End Y-Coordinate	70
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
	Name	I88486
	Location X-Coordinate	840
	Location Y-Coordinate	60
	Color	Default
Line	Start X-Coordinate	840
	Start Y-Coordinate	60
	End X-Coordinate	840
	End Y-Coordinate	90
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
	Name	I88492
	Location X-Coordinate	840
	Location Y-Coordinate	60
	Color	Default
Line	Start X-Coordinate	860
	Start Y-Coordinate	70
	End X-Coordinate	840
	End Y-Coordinate	60
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I88498
	Location X-Coordinate	860
	Location Y-Coordinate	60
	Color	Default
	Start X-Coordinate	870
	Start Y-Coordinate	60
	End X-Coordinate	860
	End Y-Coordinate	70
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I88504
	Location X-Coordinate	900
	Location Y-Coordinate	60
	Color	Default
	Start X-Coordinate	900
	Start Y-Coordinate	60
	End X-Coordinate	900
	End Y-Coordinate	90
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I88510
	Location X-Coordinate	930
	Location Y-Coordinate	60
	Color	Default
	Start X-Coordinate	930
	Start Y-Coordinate	60
	End X-Coordinate	930
	End Y-Coordinate	90
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Rectangle	Name	I88516
	Location X-Coordinate	1290
	Location Y-Coordinate	80
	Color	RGB(128,128, 0)
	Left	900
	Top	60
	Right	910
	Bottom	90
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hatched Fill
	Hatch Style	Diagonal Hatch

Object	Property Name	Property Value
Rectangle	Name	I88522
	Location X-Coordinate	1290
	Location Y-Coordinate	80
	Color	RGB(255,128, 0)
	Left	870
	Top	60
	Right	880
	Bottom	90
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hatched Fill
	Hatch Style	Diagonal Hatch

Object	Property Name	Property Value
Rectangle	Name	I88528
	Location X-Coordinate	1290
	Location Y-Coordinate	80
	Color	RGB(255,128, 0)
	Left	930
	Top	60
	Right	940
	Bottom	90
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hatched Fill
	Hatch Style	Diagonal Hatch

Object	Property Name	Property Value
Rectangle	Name	I88534
	Location X-Coordinate	1310
	Location Y-Coordinate	80
	Color	Default
	Left	880
	Top	60
	Right	970
	Bottom	90
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I88540
	Location X-Coordinate	830
	Location Y-Coordinate	70
	Color	Default
	Start X-Coordinate	830
	Start Y-Coordinate	70
	End X-Coordinate	830
	End Y-Coordinate	80
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I88546
	Location X-Coordinate	830
	Location Y-Coordinate	80
	Color	Default
	Start X-Coordinate	840
	Start Y-Coordinate	90
	End X-Coordinate	830
	End Y-Coordinate	80
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I88552
	Location X-Coordinate	840
	Location Y-Coordinate	80
	Color	Default
	Start X-Coordinate	860
	Start Y-Coordinate	80
	End X-Coordinate	840
	End Y-Coordinate	90
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I88576
	Location X-Coordinate	860
	Location Y-Coordinate	90
	Color	Default
	Start X-Coordinate	870
	Start Y-Coordinate	90
	End X-Coordinate	860
	End Y-Coordinate	80
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I88582
	Location X-Coordinate	970
	Location Y-Coordinate	100
	Color	RGB(128,128,64)
	Start X-Coordinate	970
	Start Y-Coordinate	100
	End X-Coordinate	980
	End Y-Coordinate	100
	Line Style	Solid
	Line Width	Medium

Object	Property Name	Property Value
Rectangle	Name	I93740
	Location X-Coordinate	600
	Location Y-Coordinate	460
	Color	RGB(0,255, 0)
	Left	790
	Top	590
	Right	890
	Bottom	680
	Line Style	Dot
	Line Width	Medium
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I93771
	Location X-Coordinate	600
	Location Y-Coordinate	460
	Color	RGB(0,255, 0)
	Left	600
	Top	610
	Right	780
	Bottom	660
	Line Style	Dot
	Line Width	Medium
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I93777
	Location X-Coordinate	680
	Location Y-Coordinate	230
	Color	Default
	Left	730
	Top	460
	Right	940
	Bottom	500
	Line Style	Dot
	Line Width	Medium
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I98791
	Location X-Coordinate	580
	Location Y-Coordinate	0
	Color	Default
	Start X-Coordinate	580
	Start Y-Coordinate	0
	End X-Coordinate	580
	End Y-Coordinate	826
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I98793
	Location X-Coordinate	580
	Location Y-Coordinate	400
	Color	Default
	Start X-Coordinate	580
	Start Y-Coordinate	400
	End X-Coordinate	1169
	End Y-Coordinate	400
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I98795
	Location X-Coordinate	580
	Location Y-Coordinate	160
	Color	Default
	Start X-Coordinate	580
	Start Y-Coordinate	160
	End X-Coordinate	1169
	End Y-Coordinate	160
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I98797
	Location X-Coordinate	0
	Location Y-Coordinate	530
	Color	Default
	Start X-Coordinate	0
	Start Y-Coordinate	530
	End X-Coordinate	580
	End Y-Coordinate	530
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I98799
	Location X-Coordinate	0
	Location Y-Coordinate	150
	Color	Default
	Start X-Coordinate	0
	Start Y-Coordinate	160
	End X-Coordinate	580
	End Y-Coordinate	160
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Rectangle	Name	I193032
	Location X-Coordinate	680
	Location Y-Coordinate	230
	Color	Default
	Left	590
	Top	530
	Right	720
	Bottom	570
	Line Style	Dot
	Line Width	Medium
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
GND	Name	I88420
	Location X-Coordinate	200
	Location Y-Coordinate	20
	Color	RGB(0,128, 0)
	Bounding Box Left	920
	Bounding Box Right	937
	Bounding Box Top	40
	Bounding Box Bottom	49
	Text	GND
	Text Location X-Coordinate	920
	Text Location Y-Coordinate	40
	Font	Courier New

Object	Property Name	Property Value
MIC	Name	I88432
	Location X-Coordinate	200
	Location Y-Coordinate	20
	Color	RGB(0,128, 0)
	Bounding Box Left	950
	Bounding Box Right	967
	Bounding Box Top	40
	Bounding Box Bottom	49
	Text	MIC
	Text Location X-Coordinate	950
	Text Location Y-Coordinate	40
	Font	Courier New

Object	Property Name	Property Value
CTIA	Name	I88558
	Location X-Coordinate	200
	Location Y-Coordinate	20
	Color	RGB(0,128, 0)
	Bounding Box Left	820
	Bounding Box Right	842
	Bounding Box Top	100
	Bounding Box Bottom	109
	Text	CTIA
	Text Location X-Coordinate	820
	Text Location Y-Coordinate	100
	Font	Courier New

Object	Property Name	Property Value
	Name	I88564
	Location X-Coordinate	200
	Location Y-Coordinate	20
	Color	RGB(0,128, 0)
	Bounding Box Left	890
	Bounding Box Right	897
R	Bounding Box Top	40
	Bounding Box Bottom	49
	Text	R
	Text Location X-Coordinate	890
	Text Location Y-Coordinate	40
	Font	Courier New

Object	Property Name	Property Value
	Name	I88570
	Location X-Coordinate	200
	Location Y-Coordinate	20
	Color	RGB(0,128, 0)
	Bounding Box Left	840
	Bounding Box Right	847
L	Bounding Box Top	40
	Bounding Box Bottom	49
	Text	L
	Text Location X-Coordinate	840
	Text Location Y-Coordinate	40
	Font	Courier New

Object	Property Name	Property Value
	Name	I93773
	Location X-Coordinate	410
	Location Y-Coordinate	-10
	Color	Default
	Bounding Box Left	610
	Bounding Box Right	787
Note: HPOUTL/HPOUTR must be connected to this circuit network£ when HPOUTL/HPOUTR is used	Bounding Box Top	620
	Bounding Box Bottom	656
	Text	Note: HPOUTL/HPOUTR must be connected to this circuit network£‹ w
	Text Location X-Coordinate	610
	Text Location Y-Coordinate	620
	Font	Courier New

Object	Property Name	Property Value
	Name	I93775
	Location X-Coordinate	410
	Location Y-Coordinate	-10
	Color	Default
	Bounding Box Left	740
	Bounding Box Right	947
Note: HPOUTFB must connect 100nF to GND close to jack when HPOUTR is used	Bounding Box Top	470
	Bounding Box Bottom	497
	Text	Note: HPOUTFB must connect 100nF to GND close to jack when HPOU
	Text Location X-Coordinate	740
	Text Location Y-Coordinate	470
	Font	Courier New

Object	Property Name	Property Value
Note: HP_DET can't configuare with PULL_UP or PULL_DOWN	Name	I193026
	Location X-Coordinate	10
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	590
	Bounding Box Right	717
	Bounding Box Top	540
	Bounding Box Bottom	567
	Text	Note: HP_DET can't configuare with PULL_UP or PULL_DOWN
	Text Location X-Coordinate	590
	Text Location Y-Coordinate	540
	Font	Courier New

Object	Property Name	Property Value
GND (Wire ID = 89862)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
GND (Wire ID = 89864)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
HP_MIC (Wire ID = 89869)	Net Name	HP_MIC
	ID	273289

Object	Property Name	Property Value
HP_MIC (Wire ID = 89873)	Net Name	HP_MIC
	ID	273289

Object	Property Name	Property Value
MICIN3P (Wire ID = 89897)	Net Name	MICIN3P
	ID	273299

Object	Property Name	Property Value
GND (Wire ID = 90007)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
HP_MIC (Wire ID = 90211)	Net Name	HP_MIC
	ID	273289

Object	Property Name	Property Value
AVCC (Wire ID = 90241)	Net Name	AVCC
	ID	273291

Object	Property Name	Property Value
AVCC (Wire ID = 90245)	Net Name	AVCC
	ID	273291

Object	Property Name	Property Value
GND (Wire ID = 90250)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
HP_MIC (Wire ID = 90259)	Net Name	HP_MIC
	ID	273289

Object	Property Name	Property Value
GND (Wire ID = 90326)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
N90565 (Wire ID = 90565)	Net Name	N90565
	ID	273313

Object	Property Name	Property Value
N90569 (Wire ID = 90569)	Net Name	N90569
	ID	273306

Object	Property Name	Property Value
HPOUTFB (Wire ID = 90573)	Net Name	HPOUTFB
	ID	273319

Object	Property Name	Property Value
GND (Wire ID = 90616)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
GND (Wire ID = 90620)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 90811)	Net Name	VCC_3V3
	ID	273321

Object	Property Name	Property Value
N90815 (Wire ID = 90815)	Net Name	N90815
	ID	273296

Object	Property Name	Property Value
N90815 (Wire ID = 90819)	Net Name	N90815
	ID	273296

Object	Property Name	Property Value
GND (Wire ID = 90846)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
GND (Wire ID = 90913)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
N90569 (Wire ID = 91064)	Net Name	N90569
	ID	273306

Object	Property Name	Property Value
N90569 (Wire ID = 91129)	Net Name	N90569
	ID	273306

Object	Property Name	Property Value
HP_MIC (Wire ID = 91137)	Net Name	HP_MIC
	ID	273289

Object	Property Name	Property Value
HPOUTR (Wire ID = 91153)	Net Name	HPOUTR
	ID	273301

Object	Property Name	Property Value
HPOUTL (Wire ID = 91163)	Net Name	HPOUTL
	ID	273290

Object	Property Name	Property Value
PG8 (Wire ID = 91193)	Net Name	PG8
	ID	273334

Object	Property Name	Property Value
GND (Wire ID = 91306)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
N91323 (Wire ID = 91323)	Net Name	N91323
	ID	273302

Object	Property Name	Property Value
N91327 (Wire ID = 91327)	Net Name	N91327
	ID	273336

Object	Property Name	Property Value
HPOUTR (Wire ID = 91331)	Net Name	HPOUTR
	ID	273301

Object	Property Name	Property Value
HPOUTR (Wire ID = 91335)	Net Name	HPOUTR
	ID	273301

Object	Property Name	Property Value
HPOUTL (Wire ID = 91341)	Net Name	HPOUTL
	ID	273290

Object	Property Name	Property Value
HPOUTL (Wire ID = 91349)	Net Name	HPOUTL
	ID	273290

Object	Property Name	Property Value
N90815 (Wire ID = 91452)	Net Name	N90815
	ID	273296

Object	Property Name	Property Value
GND (Wire ID = 91693)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
GND (Wire ID = 91713)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
HPOUTR (Wire ID = 91734)	Net Name	HPOUTR
	ID	273301

Object	Property Name	Property Value
HPOUTL (Wire ID = 91738)	Net Name	HPOUTL
	ID	273290

Object	Property Name	Property Value
HPOUTFB (Wire ID = 91742)	Net Name	HPOUTFB
	ID	273319

Object	Property Name	Property Value
N91892 (Wire ID = 91892)	Net Name	N91892
	ID	273312

Object	Property Name	Property Value
N91896 (Wire ID = 91896)	Net Name	N91896
	ID	273304

Object	Property Name	Property Value
HPOUTR (Wire ID = 91900)	Net Name	HPOUTR
	ID	273301

Object	Property Name	Property Value
HPOUTL (Wire ID = 91904)	Net Name	HPOUTL
	ID	273290

Object	Property Name	Property Value
N91892 (Wire ID = 92026)	Net Name	N91892
	ID	273312

Object	Property Name	Property Value
N91892 (Wire ID = 92028)	Net Name	N91892
	ID	273312

Object	Property Name	Property Value
N91896 (Wire ID = 92046)	Net Name	N91896
	ID	273304

Object	Property Name	Property Value
N91896 (Wire ID = 92048)	Net Name	N91896
	ID	273304

Object	Property Name	Property Value
AGND (Wire ID = 92207)	Net Name	AGND
	ID	273331

Object	Property Name	Property Value
AGND (Wire ID = 92209)	Net Name	AGND
	ID	273331

Object	Property Name	Property Value
GND (Wire ID = 92832)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
GND (Wire ID = 92834)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
GND (Wire ID = 92896)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
AVCC (Wire ID = 92922)	Net Name	AVCC
	ID	273291

Object	Property Name	Property Value
AGND (Wire ID = 92928)	Net Name	AGND
	ID	273331

Object	Property Name	Property Value
AGND (Wire ID = 92932)	Net Name	AGND
	ID	273331

Object	Property Name	Property Value
GND (Wire ID = 93100)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
GND (Wire ID = 93102)	Net Name	GND
	ID	273294

Object	Property Name	Property Value
HPVCC (Wire ID = 93130)	Net Name	HPVCC
	ID	273343

Object	Property Name	Property Value
HPVCC (Wire ID = 93230)	Net Name	HPVCC
	ID	273343

Object	Property Name	Property Value
HPVCC (Wire ID = 93232)	Net Name	HPVCC
	ID	273343

Object	Property Name	Property Value
AVCC (Wire ID = 93238)	Net Name	AVCC
	ID	273291

Object	Property Name	Property Value
AVCC (Wire ID = 93240)	Net Name	AVCC
	ID	273291

Object	Property Name	Property Value
N93357 (Wire ID = 93357)	Net Name	N93357
	ID	273284

Object	Property Name	Property Value
N93357 (Wire ID = 93361)	Net Name	N93357
	ID	273284

Object	Property Name	Property Value
N93357 (Wire ID = 93363)	Net Name	N93357
	ID	273284

Object	Property Name	Property Value
N93369 (Wire ID = 93369)	Net Name	N93369
	ID	273325

Object	Property Name	Property Value
N93369 (Wire ID = 93373)	Net Name	N93369
	ID	273325

Object	Property Name	Property Value
N93369 (Wire ID = 93378)	Net Name	N93369
	ID	273325

Object	Property Name	Property Value
N93369 (Wire ID = 93380)	Net Name	N93369
	ID	273325

Object	Property Name	Property Value
AGND (Wire ID = 93494)	Net Name	AGND
	ID	273331

Object	Property Name	Property Value
AGND (Wire ID = 93498)	Net Name	AGND
	ID	273331

Object	Property Name	Property Value
PG8 (Wire ID = 93700)	Net Name	PG8
	ID	273334

Object	Property Name	Property Value
MICIN3N (Wire ID = 94154)	Net Name	MICIN3N
	ID	273333

Object	Property Name	Property Value
MICIN3P (Wire ID = 98231)	Net Name	MICIN3P
	ID	273299

Object	Property Name	Property Value
MICIN3N (Wire ID = 98235)	Net Name	MICIN3N
	ID	273333

Object	Property Name	Property Value
HPVCC (Wire ID = 205278)	Net Name	HPVCC
	ID	273343

Object	Property Name	Property Value
AVCC (Wire ID = 205282)	Net Name	AVCC
	ID	273291

Object	Property Name	Property Value
PG8 (Wire ID = 205286)	Net Name	PG8
	ID	273334

Object	Property Name	Property Value
AVCC	Name	AVCC
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	870
	Location Y-Coordinate	200
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	920
	Location Y-Coordinate	260
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	870
	Location Y-Coordinate	340
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	980
	Location Y-Coordinate	690
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	990
	Location Y-Coordinate	450
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	800
	Location Y-Coordinate	690
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	840
	Location Y-Coordinate	690
	Color	Default

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	150
	Location Y-Coordinate	440
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	80
	Location Y-Coordinate	440
	Color	Default

Object	Property Name	Property Value
AVCC	Name	AVCC
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	80
	Location Y-Coordinate	370
	Color	Default

Object	Property Name	Property Value
HPVCC	Name	HPVCC
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	40
	Location Y-Coordinate	370
	Color	Default

Object	Property Name	Property Value
AVCC	Name	AVCC
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	150
	Location Y-Coordinate	250
	Color	Default

Object	Property Name	Property Value
HPVCC	Name	HPVCC
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	110
	Location Y-Coordinate	250
	Color	Default

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	110
	Location Y-Coordinate	340
	Color	Default

Object	Property Name	Property Value
PG8	Name	PG8
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L
	Location X-Coordinate	70
	Location Y-Coordinate	30
	Color	Default

Object	Property Name	Property Value
TitleBlockNefu	Page Count	10
	Page Number	0
	OrgAddr4	
	OrgAddr3	
	OrgAddr2	
	OrgAddr1	
	OrgName	
	Title	D1S_NEFU
	Cage Code	
	RevCode	1.0
	Doc	
	Name	TitleBlockNefu
	Design Name	D1S_NEFU_V1_0
	Design File Name	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\D1S_
	Design Create Date	Tuesday, November 05, 2024
	Design Modify Date	Friday, December 20, 2024
	Design Create Time	11:19:09
	Design Modify Time	08:07:15
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, November 05, 2024
	Schematic Modify Date	Friday, December 20, 2024
	Schematic Create Time	11:19:10
	Schematic Modify Time	08:07:16
	Schematic Page Count	10
	Schematic Page Number	6
	Page Size	A4
	Page Create Date	Thursday, November 28, 2024
	Page Modify Date	Friday, December 20, 2024
	Page Create Time	07:47:23
	Page Modify Time	08:07:15
	Location X-Coordinate	789
	Location Y-Coordinate	736
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Symbol	TitleBlockNefu
	Page Name	05 AUDIO

Object	Property Name	Property Value
INS91800	PCB Footprint	c0402
	Name	INS91800
	Part Reference	C47
	Reference	C47
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	430
	Location Y-Coordinate	340
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N91896
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	HPOUTL
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS88677	PCB Footprint	c0402
	Name	INS88677
	Part Reference	C44
	Reference	C44
	Designator	
	Value	33pF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	870
	Location Y-Coordinate	300
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	HP_MIC
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS92719	PCB Footprint	c0603
	Name	INS92719
	Part Reference	C42
	Reference	C42
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	80
	Location Y-Coordinate	310
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N93369
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS205248	PCB Footprint	tp10
	Name	INS205248
	Part Reference	T17
	Reference	T17
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	620
	Location Y-Coordinate	740
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	HPVCC
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS92328	PCB Footprint	r0402
	Name	INS92328
	Part Reference	R22
	Reference	R22
	Designator	
	Value	0R
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	110
	Location Y-Coordinate	420
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS88693	PCB Footprint	c0402
	Name	INS88693
	Part Reference	C46
	Reference	C46
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	840
	Location Y-Coordinate	320
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	MICIN3N
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS91222	PCB Footprint	r0402
	Name	INS91222
	Part Reference	R25
	Reference	R25
	Designator	
	Value	22R
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	800
	Location Y-Coordinate	640
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N91327
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS205258	PCB Footprint	tp10
	Name	INS205258
	Part Reference	T18
	Reference	T18
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	620
	Location Y-Coordinate	760
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	AVCC
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS88289	PCB Footprint	
	Name	INS88289
	Part Reference	J4
	Reference	J4
	Designator	
	Value	PJ-342E
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	1060
	Location Y-Coordinate	520
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	PJ-342E.Normal
	Source Package	PJ-342E
	Power Pins Visible	False
	Graphic	PJ-342E.Normal

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	HP_MIC
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
3	Name	3
	Number	3
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	N90565
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	N90569
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
7	Name	7
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	N90815
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	
	Name	INS90423
	Part Reference	C51
	Reference	C51
	Designator	
	Value	100uF-6.3V
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS90423	Implementation Path	
	Location X-Coordinate	880
	Location Y-Coordinate	530
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP POL.Normal
	Source Package	CAP POL
	Power Pins Visible	False
	Graphic	CAP POL.Normal

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1	Type	Passive
	Net Name	HPOUTL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2	Type	Passive
	Net Name	N90569
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	c0603
	Name	INS89818
	Part Reference	C40
	Reference	C40
	Designator	
	Value	2.2uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS89818	Implementation Path	
	Location X-Coordinate	920
	Location Y-Coordinate	230
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	AVCC
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS88709	PCB Footprint	c0402
	Name	INS88709
	Part Reference	C41
	Reference	C41
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	840
	Location Y-Coordinate	270
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	HP_MIC
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	MICIN3P
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS205268	PCB Footprint	tp10
	Name	INS205268
	Part Reference	T19
	Reference	T19
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	620
	Location Y-Coordinate	780
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	PG8
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS91238	PCB Footprint	r0402
	Name	INS91238
	Part Reference	R26
	Reference	R26
	Designator	
	Value	22R
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	840
	Location Y-Coordinate	640
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N91323
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS93258	PCB Footprint	c0603
	Name	INS93258
	Part Reference	C43
	Reference	C43
	Designator	
	Value	0.47uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	110
	Location Y-Coordinate	310
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N93357
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS88613	PCB Footprint	c0402
	Name	INS88613
	Part Reference	C50
	Reference	C50
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	960
	Location Y-Coordinate	520
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	HPOUTFB
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS90641	PCB Footprint	r0402
	Name	INS90641
	Part Reference	R27
	Reference	R27
	Designator	
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	980
	Location Y-Coordinate	630
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N90569
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS93068	PCB Footprint	c0603
	Name	INS93068
	Part Reference	C48
	Reference	C48
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	40
	Location Y-Coordinate	400
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	HPVCC
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS88629	PCB Footprint	c0402
	Name	INS88629
	Part Reference	C53
	Reference	C53
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	800
	Location Y-Coordinate	600
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N91327
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	HPOUTR
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS98112	PCB Footprint	elqfp128
	Name	INS98112
	Part Reference	U2F
	Reference	U2
	Designator	F
	Value	D1s
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	190
	Location Y-Coordinate	640
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	D1sF.Normal
	Source Package	D1s
	Power Pins Visible	False
	Graphic	D1sF.Normal

Object	Property Name	Property Value
NC0	Name	NC0
	Number	106
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
VCC-TVIN	Name	VCC-TVIN
	Number	107
	Swap Id	-1
	Type	Power
	Net Name	VCC-TVIN
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
TVIN0	Name	TVIN0
	Number	108
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
TVIN1	Name	TVIN1
	Number	109
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
TVIN-VRP	Name	TVIN-VRP
	Number	110
	Swap Id	-1
	Type	Power
	Net Name	TVIN-VRP
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
TVIN-VRN	Name	TVIN-VRN
	Number	111
	Swap Id	-1
	Type	Power
	Net Name	TVIN-VRN
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
VCC-TVOUT	Name	VCC-TVOUT
	Number	77
	Swap Id	-1
	Type	Power
	Net Name	VCC-TVOUT
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
TVOUT0	Name	TVOUT0
	Number	78
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
INS90449	PCB Footprint	
	Name	INS90449
	Part Reference	C52
	Reference	C52
	Designator	
	Value	100uF-6.3V
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	880
	Location Y-Coordinate	560
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP POL.Normal
	Source Package	CAP POL
	Power Pins Visible	False
	Graphic	CAP POL.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	HPOUTR
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N90565
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	r0402
	Name	INS88734
	Part Reference	R21
	Reference	R21
	Designator	
	Value	2K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS88734	Implementation Path	
	Location X-Coordinate	870
	Location Y-Coordinate	230
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1	Type	Passive
	Net Name	HP_MIC
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2	Type	Passive
	Net Name	AVCC
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	r0402
	Name	INS90763
	Part Reference	R23
	Reference	R23
	Designator	
	Value	1M
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS90763	Implementation Path	
	Location X-Coordinate	990
	Location Y-Coordinate	480
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N90815
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS88645	PCB Footprint	c0402
	Name	INS88645
	Part Reference	C54
	Reference	C54
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	840
	Location Y-Coordinate	600
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N91323
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	HPOUTL
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS91784	PCB Footprint	c0402
	Name	INS91784
	Part Reference	C45
	Reference	C45
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	430
	Location Y-Coordinate	310
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N91892
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	HPOUTR
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS90479	PCB Footprint	r0402
	Name	INS90479
	Part Reference	R24
	Reference	R24
	Designator	
	Value	1K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	940
	Location Y-Coordinate	540
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N90815
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	PG8
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS92703	PCB Footprint	c0603
	Name	INS92703
	Part Reference	C49
	Reference	C49
	Designator	
	Value	2.2uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	80
	Location Y-Coordinate	400
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	AVCC
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS55915	PCB Footprint	elqfp128
	Name	INS55915
	Part Reference	U2E
	Reference	U2
	Designator	E
	Value	D1s
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	200
	Location Y-Coordinate	260
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	D1sE.Normal
	Source Package	D1s
	Power Pins Visible	False
	Graphic	D1sE.Normal

Object	Property Name	Property Value
MICIN3P	Name	MICIN3P
	Number	87
	Swap Id	-1
	Type	Passive
	Net Name	MICIN3P
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
MICIN3N	Name	MICIN3N
	Number	88
	Swap Id	-1
	Type	Passive
	Net Name	MICIN3N
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
AVCC	Name	AVCC
	Number	89
	Swap Id	-1
	Type	Power
	Net Name	AVCC
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
VRA2	Name	VRA2
	Number	90
	Swap Id	-1
	Type	Power
	Net Name	N93369
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
AGND	Name	AGND
	Number	91
	Swap Id	-1
	Type	Power
	Net Name	AGND
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
VRE1	Name	VRE1
	Number	92
	Swap Id	-1
	Type	Power
	Net Name	N93357
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
FMINR	Name	FMINR
	Number	93
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
FMINL	Name	FMINL
	Number	94
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
LINEINR	Name	LINEINR
	Number	95
	Swap Id	-1
	Type	Passive
	Net Name	N91892
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
LINEINL	Name	LINEINL
	Number	96
	Swap Id	-1
	Type	Passive
	Net Name	N91896
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
HPVCC	Name	HPVCC
	Number	97
	Swap Id	-1
	Type	Power
	Net Name	HPVCC
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
HPOUTR	Name	HPOUTR
	Number	98
	Swap Id	-1
	Type	Passive
	Net Name	HPOUTR
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
HPOUTL	Name	HPOUTL
	Number	99
	Swap Id	-1
	Type	Passive
	Net Name	HPOUTL
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
HPOUTFB	Name	HPOUTFB
	Number	100
	Swap Id	-1
	Type	Passive
	Net Name	HPOUTFB
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
Line	Name	I97291
	Location X-Coordinate	0
	Location Y-Coordinate	500
	Color	Default
	Start X-Coordinate	0
	Start Y-Coordinate	500
	End X-Coordinate	1169
	End Y-Coordinate	500
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I97293
	Location X-Coordinate	730
	Location Y-Coordinate	500
	Color	Default
	Start X-Coordinate	730
	Start Y-Coordinate	500
	End X-Coordinate	730
	End Y-Coordinate	826
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I97295
	Location X-Coordinate	350
	Location Y-Coordinate	0
	Color	Default
	Start X-Coordinate	350
	Start Y-Coordinate	0
	End X-Coordinate	350
	End Y-Coordinate	500
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I97297
	Location X-Coordinate	350
	Location Y-Coordinate	310
	Color	Default
	Start X-Coordinate	350
	Start Y-Coordinate	310
	End X-Coordinate	1169
	End Y-Coordinate	310
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I99335
	Location X-Coordinate	0
	Location Y-Coordinate	160
	Color	Default
	Start X-Coordinate	0
	Start Y-Coordinate	160
	End X-Coordinate	350
	End Y-Coordinate	160
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 60605)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 60607)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 60614)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 60616)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 60625)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 60643)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 60649)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 60653)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
PB2 (Wire ID = 61455)	Net Name	PB2
	ID	279192

Object	Property Name	Property Value
PB2 (Wire ID = 61457)	Net Name	PB2
	ID	279192

Object	Property Name	Property Value
GND (Wire ID = 61471)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 61473)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 61480)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
N61488 (Wire ID = 61488)	Net Name	N61488
	ID	279292

Object	Property Name	Property Value
GND (Wire ID = 61492)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 61494)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 61503)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 61511)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 61513)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
PB3 (Wire ID = 61525)	Net Name	PB3
	ID	279237

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 61535)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 61537)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 61546)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 61553)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
USB_OTG_DP (Wire ID = 61715)	Net Name	USB_OTG_DP
	ID	279117

Object	Property Name	Property Value
USB_OTG_DM (Wire ID = 61725)	Net Name	USB_OTG_DM
	ID	279140

Object	Property Name	Property Value
USB_HOST_DP (Wire ID = 61729)	Net Name	USB_HOST_DP
	ID	279170

Object	Property Name	Property Value
USB_HOST_DM (Wire ID = 61733)	Net Name	USB_HOST_DM
	ID	279176

Object	Property Name	Property Value
PB2 (Wire ID = 61827)	Net Name	PB2
	ID	279192

Object	Property Name	Property Value
GND (Wire ID = 61861)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 61863)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
VCC_5V (Wire ID = 61905)	Net Name	VCC_5V
	ID	279333

Object	Property Name	Property Value
VCC_5V (Wire ID = 61909)	Net Name	VCC_5V
	ID	279333

Object	Property Name	Property Value
VCC_5V (Wire ID = 61913)	Net Name	VCC_5V
	ID	279333

Object	Property Name	Property Value
GND (Wire ID = 61957)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
PB3 (Wire ID = 62060)	Net Name	PB3
	ID	279237

Object	Property Name	Property Value
USB_OTG_DP (Wire ID = 62212)	Net Name	USB_OTG_DP
	ID	279117

Object	Property Name	Property Value
USB_OTG_DM (Wire ID = 62433)	Net Name	USB_OTG_DM
	ID	279140

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 62568)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 62572)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
USB_OTG_DP (Wire ID = 62626)	Net Name	USB_OTG_DP
	ID	279117

Object	Property Name	Property Value
USB_OTG_DM (Wire ID = 62630)	Net Name	USB_OTG_DM
	ID	279140

Object	Property Name	Property Value
USB_OTG_CC (Wire ID = 62686)	Net Name	USB_OTG_CC
	ID	279119

Object	Property Name	Property Value
GND (Wire ID = 62795)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 62797)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 62823)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 62827)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 62857)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 62861)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 62885)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 62889)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 62915)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 62917)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 62961)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 62965)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 63009)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 63013)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 63045)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 63049)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
USB_OTG_CC (Wire ID = 63642)	Net Name	USB_OTG_CC
	ID	279119

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 63739)	Net Name	VCC_3V3
	ID	279259

Object	Property Name	Property Value
PB4 (Wire ID = 63743)	Net Name	PB4
	ID	279148

Object	Property Name	Property Value
PB4 (Wire ID = 63745)	Net Name	PB4
	ID	279148

Object	Property Name	Property Value
USB_OTG_CC (Wire ID = 63750)	Net Name	USB_OTG_CC
	ID	279119

Object	Property Name	Property Value
PB4 (Wire ID = 63754)	Net Name	PB4
	ID	279148

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 64953)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 65377)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 65379)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
VCC_5V (Wire ID = 65407)	Net Name	VCC_5V
	ID	279333

Object	Property Name	Property Value
VCC_5V (Wire ID = 65409)	Net Name	VCC_5V
	ID	279333

Object	Property Name	Property Value
VCC_5V (Wire ID = 65419)	Net Name	VCC_5V
	ID	279333

Object	Property Name	Property Value
VCC_5V (Wire ID = 65427)	Net Name	VCC_5V
	ID	279333

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 65439)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 65709)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
VCC_5V (Wire ID = 66202)	Net Name	VCC_5V
	ID	279333

Object	Property Name	Property Value
N66217 (Wire ID = 66217)	Net Name	N66217
	ID	279334

Object	Property Name	Property Value
GND (Wire ID = 66271)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 66898)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 66900)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 66909)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 66911)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 66915)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 66954)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 66956)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 66972)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 66974)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 66978)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
USB_DBG_D+ (Wire ID = 66995)	Net Name	USB_DBG_D+
	ID	279209

Object	Property Name	Property Value
USB_DBG_D- (Wire ID = 67005)	Net Name	USB_DBG_D-
	ID	279211

Object	Property Name	Property Value
USB_DBG_D+ (Wire ID = 67009)	Net Name	USB_DBG_D+
	ID	279209

Object	Property Name	Property Value
USB_DBG_D- (Wire ID = 67013)	Net Name	USB_DBG_D-
	ID	279211

Object	Property Name	Property Value
GND (Wire ID = 67417)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
N67476 (Wire ID = 67476)	Net Name	N67476
	ID	279188

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 67480)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 67504)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
GND (Wire ID = 67527)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 67531)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 67533)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 67543)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 67679)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
UART3_RX (Wire ID = 67712)	Net Name	UART3_RX
	ID	279244

Object	Property Name	Property Value
UART3_TX (Wire ID = 67716)	Net Name	UART3_TX
	ID	279234

Object	Property Name	Property Value
GND (Wire ID = 67827)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 68092)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 68094)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 68150)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 68208)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 68266)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 68270)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 68316)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 68320)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 68368)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 68372)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 68440)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 68444)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
N69520 (Wire ID = 69520)	Net Name	N69520
	ID	279247

Object	Property Name	Property Value
N69524 (Wire ID = 69524)	Net Name	N69524
	ID	279122

Object	Property Name	Property Value
GND (Wire ID = 69528)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 69532)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 69586)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 69590)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 69646)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 69650)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 69734)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 69738)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 70108)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 70110)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 77686)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 77692)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
UART3_TX (Wire ID = 81946)	Net Name	UART3_TX
	ID	279234

Object	Property Name	Property Value
UART3_RX (Wire ID = 81950)	Net Name	UART3_RX
	ID	279244

Object	Property Name	Property Value
GPADC0 (Wire ID = 81954)	Net Name	GPADC0
	ID	279153

Object	Property Name	Property Value
PB4 (Wire ID = 87417)	Net Name	PB4
	ID	279148

Object	Property Name	Property Value
PB2 (Wire ID = 87779)	Net Name	PB2
	ID	279192

Object	Property Name	Property Value
PB3 (Wire ID = 87843)	Net Name	PB3
	ID	279237

Object	Property Name	Property Value
VCC_5V (Wire ID = 96575)	Net Name	VCC_5V
	ID	279333

Object	Property Name	Property Value
VCC_5V (Wire ID = 96625)	Net Name	VCC_5V
	ID	279333

Object	Property Name	Property Value
VCC_5V (Wire ID = 96629)	Net Name	VCC_5V
	ID	279333

Object	Property Name	Property Value
VCC_5V (Wire ID = 96633)	Net Name	VCC_5V
	ID	279333

Object	Property Name	Property Value
VCC_5V (Wire ID = 96637)	Net Name	VCC_5V
	ID	279333

Object	Property Name	Property Value
USB_HOST_DM (Wire ID = 96641)	Net Name	USB_HOST_DM
	ID	279176

Object	Property Name	Property Value
USB_HOST_DM (Wire ID = 96649)	Net Name	USB_HOST_DM
	ID	279176

Object	Property Name	Property Value
USB_HOST_DM (Wire ID = 96657)	Net Name	USB_HOST_DM
	ID	279176

Object	Property Name	Property Value
N96683 (Wire ID = 96683)	Net Name	N96683
	ID	279197

Object	Property Name	Property Value
N96687 (Wire ID = 96687)	Net Name	N96687
	ID	279287

Object	Property Name	Property Value
USB_HOST_DP (Wire ID = 96723)	Net Name	USB_HOST_DP
	ID	279170

Object	Property Name	Property Value
GND (Wire ID = 96745)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 96749)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 96769)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 96773)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 96777)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 96781)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 96785)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 96789)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 96793)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
N96683 (Wire ID = 96797)	Net Name	N96683
	ID	279197

Object	Property Name	Property Value
GND (Wire ID = 96801)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 96805)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 96809)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
N96683 (Wire ID = 96813)	Net Name	N96683
	ID	279197

Object	Property Name	Property Value
GND (Wire ID = 96817)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 96821)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 96825)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 96837)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GND (Wire ID = 96841)	Net Name	GND
	ID	279193

Object	Property Name	Property Value
GPADC0 (Wire ID = 107829)	Net Name	GPADC0
	ID	279153

Object	Property Name	Property Value
VCC_USB_DBG (Wire ID = 205355)	Net Name	VCC_USB_DBG
	ID	279194

Object	Property Name	Property Value
VCC_USB_OTG (Wire ID = 205440)	Net Name	VCC_USB_OTG
	ID	279279

Object	Property Name	Property Value
PB4 (Wire ID = 205444)	Net Name	PB4
	ID	279148

Object	Property Name	Property Value
PB2 (Wire ID = 205508)	Net Name	PB2
	ID	279192

Object	Property Name	Property Value
PB3 (Wire ID = 205972)	Net Name	PB3
	ID	279237

Object	Property Name	Property Value
USB_OTG_DP (Wire ID = 206051)	Net Name	USB_OTG_DP
	ID	279117

Object	Property Name	Property Value
USB_OTG_DM (Wire ID = 206087)	Net Name	USB_OTG_DM
	ID	279140

Object	Property Name	Property Value
USB_HOST_DM (Wire ID = 229291)	Net Name	USB_HOST_DM
	ID	279176

Object	Property Name	Property Value
USB_HOST_DM (Wire ID = 229293)	Net Name	USB_HOST_DM
	ID	279176

Object	Property Name	Property Value
USB_HOST_DM (Wire ID = 229301)	Net Name	USB_HOST_DM
	ID	279176

Object	Property Name	Property Value
USB_HOST_DM (Wire ID = 229441)	Net Name	USB_HOST_DM
	ID	279176

Object	Property Name	Property Value
USB_HOST_DM (Wire ID = 229490)	Net Name	USB_HOST_DM
	ID	279176

Object	Property Name	Property Value
VCC_5V	Name	VCC_5V
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	410
	Location Y-Coordinate	40
	Color	Default

Object	Property Name	Property Value
VCC_USB_OTG	Name	VCC_USB_OTG
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	770
	Location Y-Coordinate	40
	Color	Default

Object	Property Name	Property Value
VCC_USB_OTG	Name	VCC_USB_OTG
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	1070
	Location Y-Coordinate	40
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	570
	Location Y-Coordinate	150
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	670
	Location Y-Coordinate	190
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	830
	Location Y-Coordinate	250
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	1090
	Location Y-Coordinate	250
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	590
	Location Y-Coordinate	180
	Color	Default

Object	Property Name	Property Value
VCC_USB_OTG	Name	VCC_USB_OTG
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	890
	Location Y-Coordinate	530
	Color	Default

Object	Property Name	Property Value
VCC_5V	Name	VCC_5V
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	1020
	Location Y-Coordinate	530
	Color	Default

Object	Property Name	Property Value
VCC_USB_DBG	Name	VCC_USB_DBG
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	890
	Location Y-Coordinate	570
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	1090
	Location Y-Coordinate	620
	Color	Default

Object	Property Name	Property Value
VCC_USB_DBG	Name	VCC_USB_DBG
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	610
	Location Y-Coordinate	560
	Color	Default

Object	Property Name	Property Value
VCC_USB_DBG	Name	VCC_USB_DBG
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	400
	Location Y-Coordinate	560
	Color	Default

Object	Property Name	Property Value
VCC_USB_DBG	Name	VCC_USB_DBG
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	10
	Location Y-Coordinate	630
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	160
	Location Y-Coordinate	560
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	10
	Location Y-Coordinate	710
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	350
	Location Y-Coordinate	780
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	660
	Location Y-Coordinate	780
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	330
	Location Y-Coordinate	660
	Color	Default

Object	Property Name	Property Value
VCC_5V	Name	VCC_5V
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	510
	Location Y-Coordinate	350
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	930
	Location Y-Coordinate	450
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	640
	Location Y-Coordinate	460
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	800
	Location Y-Coordinate	470
	Color	Default

Object	Property Name	Property Value
UART3_TX	Name	UART3_TX
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	Location X-Coordinate	120
	Location Y-Coordinate	50
	Color	Default

Object	Property Name	Property Value
UART3_RX	Name	UART3_RX
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	Location X-Coordinate	120
	Location Y-Coordinate	60
	Color	Default

Object	Property Name	Property Value
GPADC0	Name	GPADC0
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	Location X-Coordinate	120
	Location Y-Coordinate	120
	Color	Default

Object	Property Name	Property Value
PB4	Name	PB4
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	Location X-Coordinate	120
	Location Y-Coordinate	80
	Color	Default

Object	Property Name	Property Value
PB2	Name	PB2
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	Location X-Coordinate	120
	Location Y-Coordinate	90
	Color	Default

Object	Property Name	Property Value
PB3	Name	PB3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	Location X-Coordinate	120
	Location Y-Coordinate	100
	Color	Default

Object	Property Name	Property Value
TitleBlockNefu	Page Count	10
	Page Number	0
	OrgAddr4	
	OrgAddr3	
	OrgAddr2	
	OrgAddr1	
	OrgName	
	Title	D1S_NEFU
	Cage Code	
	RevCode	1.0
	Doc	
	Name	TitleBlockNefu
	Design Name	D1S_NEFU_V1_0
	Design File Name	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\D1S_
	Design Create Date	Tuesday, November 05, 2024
	Design Modify Date	Friday, December 20, 2024
	Design Create Time	11:19:09
	Design Modify Time	08:07:15
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, November 05, 2024
	Schematic Modify Date	Friday, December 20, 2024
	Schematic Create Time	11:19:10
	Schematic Modify Time	08:07:16
	Schematic Page Count	10
	Schematic Page Number	5
	Page Size	A4
	Page Create Date	Thursday, November 28, 2024
	Page Modify Date	Friday, December 20, 2024
	Page Create Time	07:57:54
	Page Modify Time	07:17:05
	Location X-Coordinate	789
	Location Y-Coordinate	736
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Symbol	TitleBlockNefu
	Page Name	04 USB

Object	Property Name	Property Value
INS63723	PCB Footprint	r0402
	Name	INS63723
	Part Reference	R15
	Reference	R15
	Designator	
	Value	51K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	590
	Location Y-Coordinate	210
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	PB4
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS96751	PCB Footprint	r0402
	Name	INS96751
	Part Reference	R17
	Reference	R17
	Designator	
	Value	5.1K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	710
	Location Y-Coordinate	410
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N96687
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS57854	PCB Footprint	sop-8
	Name	INS57854
	Part Reference	U6
	Reference	U6
	Designator	
	Value	CH340N
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	210
	Location Y-Coordinate	600
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	CH340N.Normal
	Source Package	CH340N
	Power Pins Visible	False
	Graphic	CH340N.Normal

Object	Property Name	Property Value
UD+	Name	UD+
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	USB_DBG_D+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
UD-	Name	UD-
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	USB_DBG_D-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	3
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
RST#	Name	RST#
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
	Name	V3
	Number	8
	Swap Id	-1
V3	Type	Power
	Net Name	N67476
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	RXD
	Number	7
	Swap Id	-1
RXD	Type	Passive
	Net Name	UART3_TX
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	TXD
	Number	6
	Swap Id	-1
TXD	Type	Passive
	Net Name	UART3_RX
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	VCC
	Number	5
	Swap Id	-1
VCC	Type	Power
	Net Name	VCC_USB_DBG
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	sot23-5
	Name	INS58163
	Part Reference	U4
	Reference	U4
	Designator	
	Value	SY6280
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS58163	Implementation Path	
	Location X-Coordinate	540
	Location Y-Coordinate	50
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	SY6280.Normal
	Source Package	SY6280
	Power Pins Visible	False
	Graphic	SY6280.Normal

Object	Property Name	Property Value
OUT	Name	OUT
	Number	1
	Swap Id	-1
	Type	Power
	Net Name	VCC_USB_OTG
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	2
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
ISET	Name	ISET
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	N61488
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
EN	Name	EN
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	PB2
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
IN	Name	IN
	Number	5
	Swap Id	-1
	Type	Power
	Net Name	VCC_5V
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
INS65240	PCB Footprint	
	Name	INS65240
	Part Reference	D5
	Reference	D5
	Designator	
	Value	SS24
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	950
	Location Y-Coordinate	580
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	DIODE.Normal
	Source Package	DIODE
	Power Pins Visible	False
	Graphic	DIODE.Normal

Object	Property Name	Property Value
A	Name	A
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_USB_DBG
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
K	Name	K
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	tp10
	Name	INS206039
	Part Reference	T14
	Reference	T14
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS206039	Implementation Path	
	Location X-Coordinate	960
	Location Y-Coordinate	670
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
	Name	TP
	Number	1
	Swap Id	-1
TP	Type	Passive
	Net Name	USB_OTG_DP
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	c0402
	Name	INS67262
	Part Reference	C39
	Reference	C39
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS67262	Implementation Path	
	Location X-Coordinate	50
	Location Y-Coordinate	670
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_USB_DBG
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS96665	PCB Footprint	r0402
	Name	INS96665
	Part Reference	R16
	Reference	R16
	Designator	
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	540
	Location Y-Coordinate	390
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N96683
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS205345	PCB Footprint	tp10
	Name	INS205345
	Part Reference	T11
	Reference	T11
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	760
	Location Y-Coordinate	650
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_USB_DBG
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS58046	PCB Footprint	typec_smd_16p
	Name	INS58046
	Part Reference	J1
	Reference	J1
	Designator	
	Value	TYPEC_16PIN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	920
	Location Y-Coordinate	40
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TYPEC_16PIN.Normal
	Source Package	TYPEC_16PIN
	Power Pins Visible	False
	Graphic	TYPEC_16PIN.Normal

Object	Property Name	Property Value
VBUS	Name	VBUS
	Number	A4
	Swap Id	-1
	Type	Power
	Net Name	VCC_USB_OTG
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
VBUS	Name	VBUS
	Number	A9
	Swap Id	-1
	Type	Power
	Net Name	VCC_USB_OTG
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
D1+	Name	D1+
	Number	A6
	Swap Id	-1
	Type	Passive
	Net Name	USB_OTG_DP
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
D1-	Name	D1-
	Number	A7
	Swap Id	-1
	Type	Passive
	Net Name	USB_OTG_DM
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
SBU1	Name	SBU1
	Number	A8
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
CC1	Name	CC1
	Number	A5
	Swap Id	-1
	Type	Passive
	Net Name	USB_OTG_CC
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	A12
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	A1
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
VBUS	Name	VBUS
	Number	B4
	Swap Id	-1
	Type	Power
	Net Name	VCC_USB_OTG
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
VBUS	Name	VBUS
	Number	B9
	Swap Id	-1
	Type	Power
	Net Name	VCC_USB_OTG
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
D2+	Name	D2+
	Number	B6
	Swap Id	-1
	Type	Passive
	Net Name	USB_OTG_DP
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
D2-	Name	D2-
	Number	B7
	Swap Id	-1
	Type	Passive
	Net Name	USB_OTG_DM
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
SBU2	Name	SBU2
	Number	B8
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	12
	Is No Connect	True

Object	Property Name	Property Value
CC2	Name	CC2
	Number	B5
	Swap Id	-1
	Type	Passive
	Net Name	USB_OTG_CC
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	B12
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	B1
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
SH	Name	SH
	Number	SH1
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	16
	Is No Connect	False

Object	Property Name	Property Value
SH	Name	SH
	Number	SH2
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	17
	Is No Connect	False

Object	Property Name	Property Value
SH	Name	SH
	Number	SH4
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	18
	Is No Connect	False

Object	Property Name	Property Value
SH	Name	SH
	Number	SH3
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	19
	Is No Connect	False

Object	Property Name	Property Value
INS67278	PCB Footprint	c0402
	Name	INS67278
	Part Reference	C37
	Reference	C37
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	160
	Location Y-Coordinate	590
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N67476
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS60714	PCB Footprint	r0402
	Name	INS60714
	Part Reference	R14
	Reference	R14
	Designator	
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	670
	Location Y-Coordinate	130
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	PB3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS205960	PCB Footprint	tp10
	Name	INS205960
	Part Reference	T15
	Reference	T15
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	760
	Location Y-Coordinate	690
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	PB3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS67892	PCB Footprint	r0402
	Name	INS67892
	Part Reference	R19
	Reference	R19
	Designator	
	Value	5.1K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	380
	Location Y-Coordinate	680
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N69520
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS96577	PCB Footprint	sot23-5
	Name	INS96577
	Part Reference	U5
	Reference	U5
	Designator	
	Value	SY6280
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	610
	Location Y-Coordinate	360
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	SY6280.Normal
	Source Package	SY6280
	Power Pins Visible	False
	Graphic	SY6280.Normal

Object	Property Name	Property Value
OUT	Name	OUT
	Number	1
	Swap Id	-1
	Type	Power
	Net Name	USB_HOST_DM
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	2
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
ISET	Name	ISET
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	N96687
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
EN	Name	EN
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	N96683
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
IN	Name	IN
	Number	5
	Swap Id	-1
	Type	Power
	Net Name	VCC_5V
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
INS67294	PCB Footprint	c0603
	Name	INS67294
	Part Reference	C38
	Reference	C38
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	10
	Location Y-Coordinate	670
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_USB_DBG
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS60730	PCB Footprint	r0402
	Name	INS60730
	Part Reference	R11
	Reference	R11
	Designator	
	Value	51K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	670
	Location Y-Coordinate	70
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_USB_OTG
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	PB3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS61437	PCB Footprint	r0402
	Name	INS61437
	Part Reference	R12
	Reference	R12
	Designator	
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	490
	Location Y-Coordinate	100
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	PB2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS58308	PCB Footprint	
	Name	INS58308
	Part Reference	D4
	Reference	D4
	Designator	
	Value	LED
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	1090
	Location Y-Coordinate	560
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	LED.Normal
	Source Package	LED
	Power Pins Visible	False
	Graphic	LED.Normal

Object	Property Name	Property Value
ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N66217
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS206075	PCB Footprint	tp10
	Name	INS206075
	Part Reference	T16
	Reference	T16
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	960
	Location Y-Coordinate	690
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	USB_OTG_DM
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS96689	PCB Footprint	c0603
	Name	INS96689
	Part Reference	C34
	Reference	C34
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	750
	Location Y-Coordinate	390
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	USB_HOST_DM
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS60835	PCB Footprint	c0402
	Name	INS60835
	Part Reference	C32
	Reference	C32
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	770
	Location Y-Coordinate	80
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_USB_OTG
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS67908	PCB Footprint	r0402
	Name	INS67908
	Part Reference	R20
	Reference	R20
	Designator	
	Value	5.1K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	620
	Location Y-Coordinate	680
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N69524
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS57803	PCB Footprint	elqfp128
	Name	INS57803
	Part Reference	U2D
	Reference	U2
	Designator	D
	Value	D1s
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	90
	Location Y-Coordinate	270
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	D1sD.Normal
	Source Package	D1s
	Power Pins Visible	False
	Graphic	D1sD.Normal

Object	Property Name	Property Value
USB0-DP	Name	USB0-DP
	Number	115
	Swap Id	-1
	Type	Passive
	Net Name	USB_OTG_DP
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
USB0-DM	Name	USB0-DM
	Number	114
	Swap Id	-1
	Type	Passive
	Net Name	USB_OTG_DM
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
USB1-DP	Name	USB1-DP
	Number	112
	Swap Id	-1
	Type	Passive
	Net Name	USB_HOST_DP
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
USB1-DM	Name	USB1-DM
	Number	113
	Swap Id	-1
	Type	Passive
	Net Name	USB_HOST_DM
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
TP-X1	Name	TP-X1
	Number	102
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
TP-X2	Name	TP-X2
	Number	103
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
TP-Y1	Name	TP-Y1
	Number	104
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
TP-Y2	Name	TP-Y2
	Number	105
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
GPADC0	Name	GPADC0
	Number	101
	Swap Id	-1
	Type	Passive
	Net Name	GPADC0
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
INS57984	PCB Footprint	typec_smd_16p
	Name	INS57984
	Part Reference	J3
	Reference	J3
	Designator	
	Value	TYPEC_16PIN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	460
	Location Y-Coordinate	570
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TYPEC_16PIN.Normal
	Source Package	TYPEC_16PIN
	Power Pins Visible	False
	Graphic	TYPEC_16PIN.Normal

Object	Property Name	Property Value
VBUS	Name	VBUS
	Number	A4
	Swap Id	-1
	Type	Power
	Net Name	VCC_USB_DBG
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
VBUS	Name	VBUS
	Number	A9
	Swap Id	-1
	Type	Power
	Net Name	VCC_USB_DBG
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
D1+	Name	D1+
	Number	A6
	Swap Id	-1
	Type	Passive
	Net Name	USB_DBG_D+
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
D1-	Name	D1-
	Number	A7
	Swap Id	-1
	Type	Passive
	Net Name	USB_DBG_D-
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
SBU1	Name	SBU1
	Number	A8
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
CC1	Name	CC1
	Number	A5
	Swap Id	-1
	Type	Passive
	Net Name	N69520
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	A12
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	A1
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
VBUS	Name	VBUS
	Number	B4
	Swap Id	-1
	Type	Power
	Net Name	VCC_USB_DBG
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
VBUS	Name	VBUS
	Number	B9
	Swap Id	-1
	Type	Power
	Net Name	VCC_USB_DBG
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
D2+	Name	D2+
	Number	B6
	Swap Id	-1
	Type	Passive
	Net Name	USB_DBG_D+
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
D2-	Name	D2-
	Number	B7
	Swap Id	-1
	Type	Passive
	Net Name	USB_DBG_D-
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
SBU2	Name	SBU2
	Number	B8
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	12
	Is No Connect	True

Object	Property Name	Property Value
CC2	Name	CC2
	Number	B5
	Swap Id	-1
	Type	Passive
	Net Name	N69524
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	B12
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	B1
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
SH	Name	SH
	Number	SH1
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	16
	Is No Connect	False

Object	Property Name	Property Value
SH	Name	SH
	Number	SH2
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	17
	Is No Connect	False

Object	Property Name	Property Value
SH	Name	SH
	Number	SH4
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	18
	Is No Connect	False

Object	Property Name	Property Value
SH	Name	SH
	Number	SH3
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	19
	Is No Connect	False

Object	Property Name	Property Value
INS96705	PCB Footprint	c0402
	Name	INS96705
	Part Reference	C35
	Reference	C35
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	800
	Location Y-Coordinate	390
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	USB_HOST_DM
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS96599	PCB Footprint	typea_dip
	Name	INS96599
	Part Reference	J2
	Reference	J2
	Designator	
	Value	TYPEA_DIP
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	980
	Location Y-Coordinate	360
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TYPEA_DIP.Normal
	Source Package	TYPEA_DIP
	Power Pins Visible	False
	Graphic	TYPEA_DIP.Normal

Object	Property Name	Property Value
VBUS	Name	VBUS
	Number	1
	Swap Id	-1
	Type	Power
	Net Name	USB_HOST_DM
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
D-	Name	D-
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	USB_HOST_DM
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
D+	Name	D+
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	USB_HOST_DP
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	4
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
SH	Name	SH
	Number	5
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
SH	Name	SH
	Number	6
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
INS63685	PCB Footprint	sod123
	Name	INS63685
	Part Reference	D2
	Reference	D2
	Designator	
	Value	B5819
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	620
	Location Y-Coordinate	250
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	DIODE.Normal
	Source Package	DIODE
	Power Pins Visible	False
	Graphic	DIODE.Normal

Object	Property Name	Property Value
	Name	A
	Number	2
	Swap Id	-1
A	Type	Passive
	Net Name	PB4
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	K
	Number	1
	Swap Id	-1
K	Type	Passive
	Net Name	USB_OTG_CC
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	tp10
	Name	INS205392
	Part Reference	T12
	Reference	T12
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
INS205392	Location X-Coordinate	960
	Location Y-Coordinate	650
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
	Name	TP
	Number	1
	Swap Id	-1
TP	Type	Passive
	Net Name	PB4
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	
	Name	INS58333
	Part Reference	D3
	Reference	D3
	Designator	
	Value	SS24
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS58333	Implementation Path	
	Location X-Coordinate	950
	Location Y-Coordinate	540
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	DIODE.Normal
	Source Package	DIODE
	Power Pins Visible	False
	Graphic	DIODE.Normal

Object	Property Name	Property Value
	Name	A
	Number	2
	Swap Id	-1
A	Type	Passive
	Net Name	VCC_USB_OTG
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	K
	Number	1
	Swap Id	-1
K	Type	Passive
	Net Name	VCC_5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	r0402
	Name	INS60758
	Part Reference	R13
	Reference	R13
	Designator	
	Value	5.1K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS60758	Implementation Path	
	Location X-Coordinate	640
	Location Y-Coordinate	110
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N61488
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS205496	PCB Footprint	tp10
	Name	INS205496
	Part Reference	T13
	Reference	T13
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	760
	Location Y-Coordinate	670
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	PB2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS60861	PCB Footprint	c0603
	Name	INS60861
	Part Reference	C31
	Reference	C31
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	740
	Location Y-Coordinate	80
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_USB_OTG
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS205402	PCB Footprint	tp10
	Name	INS205402
	Part Reference	T10
	Reference	T10
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	960
	Location Y-Coordinate	630
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_USB_OTG
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS96727	PCB Footprint	c0603
	Name	INS96727
	Part Reference	C36
	Reference	C36
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	510
	Location Y-Coordinate	400
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS66132	PCB Footprint	r0402
	Name	INS66132
	Part Reference	R18
	Reference	R18
	Designator	
	Value	3.3K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	1050
	Location Y-Coordinate	540
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N66217
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS60683	PCB Footprint	c0603
	Name	INS60683
	Part Reference	C33
	Reference	C33
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	410
	Location Y-Coordinate	110
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
Line	Name	I31713
	Location X-Coordinate	500
	Location Y-Coordinate	0
	Color	Default
	Start X-Coordinate	500
	Start Y-Coordinate	0
	End X-Coordinate	500
	End Y-Coordinate	826
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I32903
	Location X-Coordinate	500
	Location Y-Coordinate	570
	Color	Default
	Start X-Coordinate	0
	Start Y-Coordinate	570
	End X-Coordinate	1169
	End Y-Coordinate	570
	Line Style	Solid
	Line Width	Default

Object	Property Name	Property Value
Line	Name	I32907
	Location X-Coordinate	500
	Location Y-Coordinate	280
	Color	Default
	Start X-Coordinate	500
	Start Y-Coordinate	280
	End X-Coordinate	1169
	End Y-Coordinate	280
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 7947)	Net Name	VCC_3V3
	ID	273786

Object	Property Name	Property Value
VCC_5V (Wire ID = 8084)	Net Name	VCC_5V
	ID	273827

Object	Property Name	Property Value
VCC_5V (Wire ID = 8088)	Net Name	VCC_5V
	ID	273827

Object	Property Name	Property Value
VCC_5V (Wire ID = 8093)	Net Name	VCC_5V
	ID	273827

Object	Property Name	Property Value
N08101 (Wire ID = 8101)	Net Name	N08101
	ID	273970

Object	Property Name	Property Value
GND (Wire ID = 8105)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
N08124 (Wire ID = 8124)	Net Name	N08124
	ID	273841

Object	Property Name	Property Value
N08124 (Wire ID = 8128)	Net Name	N08124
	ID	273841

Object	Property Name	Property Value
N08124 (Wire ID = 8133)	Net Name	N08124
	ID	273841

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 8146)	Net Name	VCC_3V3
	ID	273786

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 8150)	Net Name	VCC_3V3
	ID	273786

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 8154)	Net Name	VCC_3V3
	ID	273786

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 8161)	Net Name	VCC_3V3
	ID	273786

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 8165)	Net Name	VCC_3V3
	ID	273786

Object	Property Name	Property Value
GND (Wire ID = 8184)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 8247)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 8249)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 8268)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 8278)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 8280)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
VCC_5V (Wire ID = 8628)	Net Name	VCC_5V
	ID	273827

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 8640)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 8644)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 8648)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
GND (Wire ID = 8700)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 8704)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
N08728 (Wire ID = 8728)	Net Name	N08728
	ID	273894

Object	Property Name	Property Value
N08728 (Wire ID = 8732)	Net Name	N08728
	ID	273894

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 8736)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 8740)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
N08728 (Wire ID = 8760)	Net Name	N08728
	ID	273894

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 8764)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
GND (Wire ID = 8784)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 8788)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 8792)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 8796)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 8800)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
VCC_5V (Wire ID = 9493)	Net Name	VCC_5V
	ID	273827

Object	Property Name	Property Value
VCC_5V (Wire ID = 9497)	Net Name	VCC_5V
	ID	273827

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 9518)	Net Name	VCC_3V3
	ID	273786

Object	Property Name	Property Value
GND (Wire ID = 9550)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 9554)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 10843)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
DXOUT (Wire ID = 10852)	Net Name	DXOUT
	ID	273938

Object	Property Name	Property Value
GND (Wire ID = 10856)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 10860)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
DXOUT (Wire ID = 10865)	Net Name	DXOUT
	ID	273938

Object	Property Name	Property Value
DXIN (Wire ID = 10870)	Net Name	DXIN
	ID	273883

Object	Property Name	Property Value
GND (Wire ID = 11072)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 11469)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 11473)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
DXIN (Wire ID = 11521)	Net Name	DXIN
	ID	273883

Object	Property Name	Property Value
DXIN (Wire ID = 11525)	Net Name	DXIN
	ID	273883

Object	Property Name	Property Value
DXIN (Wire ID = 11545)	Net Name	DXIN
	ID	273883

Object	Property Name	Property Value
DXIN (Wire ID = 11549)	Net Name	DXIN
	ID	273883

Object	Property Name	Property Value
DXIN (Wire ID = 11553)	Net Name	DXIN
	ID	273883

Object	Property Name	Property Value
X32KOUT (Wire ID = 11648)	Net Name	X32KOUT
	ID	273811

Object	Property Name	Property Value
X32KOUT (Wire ID = 11652)	Net Name	X32KOUT
	ID	273811

Object	Property Name	Property Value
X32KIN (Wire ID = 11657)	Net Name	X32KIN
	ID	273819

Object	Property Name	Property Value
X32KIN (Wire ID = 11661)	Net Name	X32KIN
	ID	273819

Object	Property Name	Property Value
GND (Wire ID = 11666)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 11670)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 11675)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
X32KOUT (Wire ID = 11777)	Net Name	X32KOUT
	ID	273811

Object	Property Name	Property Value
X32KIN (Wire ID = 11783)	Net Name	X32KIN
	ID	273819

Object	Property Name	Property Value
DXOUT (Wire ID = 12396)	Net Name	DXOUT
	ID	273938

Object	Property Name	Property Value
DXIN (Wire ID = 12400)	Net Name	DXIN
	ID	273883

Object	Property Name	Property Value
X32KIN (Wire ID = 12404)	Net Name	X32KIN
	ID	273819

Object	Property Name	Property Value
X32KOUT (Wire ID = 12408)	Net Name	X32KOUT
	ID	273811

Object	Property Name	Property Value
RESET (Wire ID = 12454)	Net Name	RESET
	ID	273793

Object	Property Name	Property Value
VCC_1V8 (Wire ID = 12458)	Net Name	VCC_1V8
	ID	273860

Object	Property Name	Property Value
VCC_DRAM (Wire ID = 12602)	Net Name	VCC_DRAM
	ID	273820

Object	Property Name	Property Value
N12617 (Wire ID = 12617)	Net Name	N12617
	ID	273898

Object	Property Name	Property Value
VCC_1V8 (Wire ID = 12737)	Net Name	VCC_1V8
	ID	273860

Object	Property Name	Property Value
CLK_24M_OUT (Wire ID = 12772)	Net Name	CLK_24M_OUT
	ID	273920

Object	Property Name	Property Value
VCC_1V8 (Wire ID = 12871)	Net Name	VCC_1V8
	ID	273860

Object	Property Name	Property Value
VCC_1V8 (Wire ID = 13219)	Net Name	VCC_1V8
	ID	273860

Object	Property Name	Property Value
VCC_DRAM (Wire ID = 13247)	Net Name	VCC_DRAM
	ID	273820

Object	Property Name	Property Value
VCC_DRAM (Wire ID = 13251)	Net Name	VCC_DRAM
	ID	273820

Object	Property Name	Property Value
GND (Wire ID = 13365)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 13367)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
VCC_DRAM (Wire ID = 13434)	Net Name	VCC_DRAM
	ID	273820

Object	Property Name	Property Value
VCC_DRAM (Wire ID = 13438)	Net Name	VCC_DRAM
	ID	273820

Object	Property Name	Property Value
GND (Wire ID = 13447)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 13613)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 13617)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 13621)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 13625)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 13632)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 13636)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 13640)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 13644)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 13651)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 13655)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 13728)	Net Name	VCC_3V3
	ID	273786

Object	Property Name	Property Value
N12617 (Wire ID = 14194)	Net Name	N12617
	ID	273898

Object	Property Name	Property Value
GND (Wire ID = 14247)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 14556)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 14558)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 15347)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 16835)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
N16899 (Wire ID = 16899)	Net Name	N16899
	ID	273999

Object	Property Name	Property Value
GND (Wire ID = 17298)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
VCC_1V8 (Wire ID = 21879)	Net Name	VCC_1V8
	ID	273860

Object	Property Name	Property Value
GND (Wire ID = 21894)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
VCC_DRAM (Wire ID = 22298)	Net Name	VCC_DRAM
	ID	273820

Object	Property Name	Property Value
GND (Wire ID = 22318)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 22598)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 22602)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
VCC_DRAM (Wire ID = 22666)	Net Name	VCC_DRAM
	ID	273820

Object	Property Name	Property Value
VCC_DRAM (Wire ID = 22670)	Net Name	VCC_DRAM
	ID	273820

Object	Property Name	Property Value
VCC_DRAM (Wire ID = 22825)	Net Name	VCC_DRAM
	ID	273820

Object	Property Name	Property Value
VCC_DRAM (Wire ID = 22847)	Net Name	VCC_DRAM
	ID	273820

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 23571)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 23575)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 23579)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 23583)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 23587)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
GND (Wire ID = 23639)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 23643)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 23647)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 24356)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 24358)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
GND (Wire ID = 24400)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 24404)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 24406)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 24408)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 24487)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 24491)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 24519)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 24523)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 24553)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 24557)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
GND (Wire ID = 25035)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
VCC_DRAM (Wire ID = 25117)	Net Name	VCC_DRAM
	ID	273820

Object	Property Name	Property Value
VCC_DRAM (Wire ID = 25121)	Net Name	VCC_DRAM
	ID	273820

Object	Property Name	Property Value
VCC_1V8 (Wire ID = 25387)	Net Name	VCC_1V8
	ID	273860

Object	Property Name	Property Value
VCC_1V8 (Wire ID = 25391)	Net Name	VCC_1V8
	ID	273860

Object	Property Name	Property Value
GND (Wire ID = 25401)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 25405)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 25407)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
VCC_1V8 (Wire ID = 25494)	Net Name	VCC_1V8
	ID	273860

Object	Property Name	Property Value
VCC_1V8 (Wire ID = 25498)	Net Name	VCC_1V8
	ID	273860

Object	Property Name	Property Value
VCC_1V8 (Wire ID = 25510)	Net Name	VCC_1V8
	ID	273860

Object	Property Name	Property Value
VCC_1V8 (Wire ID = 25514)	Net Name	VCC_1V8
	ID	273860

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 25652)	Net Name	VCC_3V3
	ID	273786

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 25656)	Net Name	VCC_3V3
	ID	273786

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 25660)	Net Name	VCC_3V3
	ID	273786

Object	Property Name	Property Value
GND (Wire ID = 25744)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 25748)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
N26563 (Wire ID = 26563)	Net Name	N26563
	ID	273885

Object	Property Name	Property Value
N26563 (Wire ID = 26728)	Net Name	N26563
	ID	273885

Object	Property Name	Property Value
N26563 (Wire ID = 26732)	Net Name	N26563
	ID	273885

Object	Property Name	Property Value
GND (Wire ID = 26738)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 26742)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
N26563 (Wire ID = 35792)	Net Name	N26563
	ID	273885

Object	Property Name	Property Value
GND (Wire ID = 154884)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 154886)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 154890)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 155252)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
RESET (Wire ID = 185079)	Net Name	RESET
	ID	273793

Object	Property Name	Property Value
RESET (Wire ID = 185083)	Net Name	RESET
	ID	273793

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 185118)	Net Name	VCC_3V3
	ID	273786

Object	Property Name	Property Value
RESET (Wire ID = 185136)	Net Name	RESET
	ID	273793

Object	Property Name	Property Value
RESET (Wire ID = 185352)	Net Name	RESET
	ID	273793

Object	Property Name	Property Value
VCC_5V (Wire ID = 206540)	Net Name	VCC_5V
	ID	273827

Object	Property Name	Property Value
VCC_3V3 (Wire ID = 206544)	Net Name	VCC_3V3
	ID	273786

Object	Property Name	Property Value
VCC_1V8 (Wire ID = 206548)	Net Name	VCC_1V8
	ID	273860

Object	Property Name	Property Value
VCC_DRAM (Wire ID = 206552)	Net Name	VCC_DRAM
	ID	273820

Object	Property Name	Property Value
VCC_0V9 (Wire ID = 206556)	Net Name	VCC_0V9
	ID	273903

Object	Property Name	Property Value
RESET (Wire ID = 206560)	Net Name	RESET
	ID	273793

Object	Property Name	Property Value
DXOUT (Wire ID = 206748)	Net Name	DXOUT
	ID	273938

Object	Property Name	Property Value
X32KOUT (Wire ID = 206752)	Net Name	X32KOUT
	ID	273811

Object	Property Name	Property Value
CLK_24M_OUT (Wire ID = 206756)	Net Name	CLK_24M_OUT
	ID	273920

Object	Property Name	Property Value
GND (Wire ID = 207187)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 207191)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 207286)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 207384)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 207483)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 207585)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 207684)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 207882)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 207886)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 207990)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 207994)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 208387)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 208391)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 208501)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 208612)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 208840)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
GND (Wire ID = 208844)	Net Name	GND
	ID	274099

Object	Property Name	Property Value
VCC_5V	Name	VCC_5V
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	70
	Location Y-Coordinate	80
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	200
	Location Y-Coordinate	220
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	370
	Location Y-Coordinate	80
	Color	Default

Object	Property Name	Property Value
VCC_5V	Name	VCC_5V
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	40
	Location Y-Coordinate	310
	Color	Default

Object	Property Name	Property Value
VCC_0V9	Name	VCC_0V9
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	390
	Location Y-Coordinate	320
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	220
	Location Y-Coordinate	460
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	60
	Location Y-Coordinate	350
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	770
	Location Y-Coordinate	670
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	630
	Location Y-Coordinate	600
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	910
	Location Y-Coordinate	660
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	630
	Location Y-Coordinate	110
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	860
	Location Y-Coordinate	230
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	1080
	Location Y-Coordinate	120
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	630
	Location Y-Coordinate	220
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	110
	Location Y-Coordinate	790
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	140
	Location Y-Coordinate	620
	Color	Default

Object	Property Name	Property Value
VCC_1V8	Name	VCC_1V8
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	630
	Location Y-Coordinate	450
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	630
	Location Y-Coordinate	520
	Color	Default

Object	Property Name	Property Value
VCC_DRAM	Name	VCC_DRAM
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	880
	Location Y-Coordinate	450
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	880
	Location Y-Coordinate	520
	Color	Default

Object	Property Name	Property Value
VCC_0V9	Name	VCC_0V9
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	760
	Location Y-Coordinate	340
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	760
	Location Y-Coordinate	410
	Color	Default

Object	Property Name	Property Value
VCC_3V3	Name	VCC_3V3
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Location X-Coordinate	630
	Location Y-Coordinate	340
	Color	Default

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND
	Location X-Coordinate	630
	Location Y-Coordinate	410
	Color	Default

Object	Property Name	Property Value
TitleBlockNefu	Doc	
	RevCode	1.0
	Cage Code	
	Title	D1S_NEFU
	OrgName	
	OrgAddr1	
	OrgAddr2	
	OrgAddr3	
	OrgAddr4	
	Page Number	0
	Page Count	10
	Name	TitleBlockNefu
	Design Name	D1S_NEFU_V1_0
	Design File Name	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE\PROJECT\D1S_
	Design Create Date	Tuesday, November 05, 2024
	Design Modify Date	Friday, December 20, 2024
	Design Create Time	11:19:09
	Design Modify Time	08:07:15
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, November 05, 2024
	Schematic Modify Date	Thursday, December 19, 2024
	Schematic Create Time	11:19:10
	Schematic Modify Time	08:07:16
	Schematic Page Count	10
	Schematic Page Number	4
	Page Size	A4
	Page Create Date	Monday, November 25, 2024
	Page Modify Date	Thursday, December 19, 2024
	Page Create Time	07:07:48
	Page Modify Time	07:59:12
	Location X-Coordinate	789
	Location Y-Coordinate	736
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE\PROJECT\SCH_
	Source Symbol	TitleBlockNefu
	Page Name	03 SYSTEM

Object	Property Name	Property Value
	PCB Footprint	c0402
	Name	INS14433
	Part Reference	C30
	Reference	C30
	Designator	
	Value	1nF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
INS14433	Location X-Coordinate	140
	Location Y-Coordinate	740
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1	Type	Passive
	Net Name	RESET
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	crystal3225
	Name	INS10291
	Part Reference	Y1
	Reference	Y1
	Designator	
	Value	24M
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
INS10291	Location X-Coordinate	690
	Location Y-Coordinate	610
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	OSC3225.Normal
	Source Package	OSC3225
	Power Pins Visible	False
	Graphic	OSC3225.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	DXIN
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	DXOUT
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4	Name	4
	Number	4
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
INS25345	PCB Footprint	c0402
	Name	INS25345
	Part Reference	C20
	Reference	C20
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	730
	Location Y-Coordinate	480
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_1V8
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS7873	PCB Footprint	
	Name	INS7873
	Part Reference	L1
	Reference	L1
	Designator	
	Value	22uH
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	290
	Location Y-Coordinate	80
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	INDUCTOR.Normal
	Source Package	INDUCTOR
	Power Pins Visible	False
	Graphic	INDUCTOR.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N077333
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	c0603
	Name	INS8682
	Part Reference	C5
	Reference	C5
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS8682	Implementation Path	
	Location X-Coordinate	40
	Location Y-Coordinate	350
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1	Type	Passive
	Net Name	VCC_5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	r0402
	Name	INS9087
	Part Reference	R5
	Reference	R5
	Designator	
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS9087	Implementation Path	
	Location X-Coordinate	80
	Location Y-Coordinate	370
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N26563
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS24340	PCB Footprint	c0402
	Name	INS24340
	Part Reference	C15
	Reference	C15
	Designator	
	Value	2.2uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	1000
	Location Y-Coordinate	370
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_0V9
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS8580	PCB Footprint	sot23-5
	Name	INS8580
	Part Reference	U3
	Reference	U3
	Designator	
	Value	SY8089
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	190
	Location Y-Coordinate	320
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	SY8089.Normal
	Source Package	SY8089
	Power Pins Visible	False
	Graphic	SY8089.Normal

Object	Property Name	Property Value
IN	Name	IN
	Number	4
	Swap Id	-1
	Type	Power
	Net Name	VCC_5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
EN	Name	EN
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N26563
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	2
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
LX	Name	LX
	Number	3
	Swap Id	-1
	Type	Power
	Net Name	N085963
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
FB	Name	FB
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	N08728
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
INS10407	PCB Footprint	c0402
	Name	INS10407
	Part Reference	C26
	Reference	C26
	Designator	
	Value	22pF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	960
	Location Y-Coordinate	610
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	X32KOUT
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS24147	PCB Footprint	c0402
	Name	INS24147
	Part Reference	C12
	Reference	C12
	Designator	
	Value	2.2uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	880
	Location Y-Coordinate	370
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_0V9
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS8602	PCB Footprint	
	Name	INS8602
	Part Reference	L2
	Reference	L2
	Designator	
	Value	22uH
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	310
	Location Y-Coordinate	320
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	INDUCTOR.Normal
	Source Package	INDUCTOR
	Power Pins Visible	False
	Graphic	INDUCTOR.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N085963
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_0V9
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS8706	PCB Footprint	r0402
	Name	INS8706
	Part Reference	R6
	Reference	R6
	Designator	
	Value	100K-1%
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	320
	Location Y-Coordinate	370
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_0V9
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N08728
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	r0402
	Name	INS7797
	Part Reference	R4
	Reference	R4
	Designator	
	Value	100K-1%
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS7797	Implementation Path	
	Location X-Coordinate	270
	Location Y-Coordinate	170
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1	Type	Passive
	Net Name	N08124
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	c0402
	Name	INS25371
	Part Reference	C21
	Reference	C21
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS25371	Implementation Path	
	Location X-Coordinate	780
	Location Y-Coordinate	480
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_1V8
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS7899	PCB Footprint	c0603
	Name	INS7899
	Part Reference	C2
	Reference	C2
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	370
	Location Y-Coordinate	100
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	crystal3215
	Name	INS10324
	Part Reference	Y2
	Reference	Y2
	Designator	
	Value	32768
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS10324	Implementation Path	
	Location X-Coordinate	990
	Location Y-Coordinate	640
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CRYSTAL.Normal
	Source Package	CRYSTAL
	Power Pins Visible	False
	Graphic	CRYSTAL.Normal

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1	Type	Passive
	Net Name	X32KIN
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2	Type	Passive
	Net Name	X32KOUT
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	c0402
	Name	INS10425
	Part Reference	C29
	Reference	C29
	Designator	
	Value	22pF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS10425	Implementation Path	
	Location X-Coordinate	960
	Location Y-Coordinate	670
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	X32KIN
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS25678	PCB Footprint	c0402
	Name	INS25678
	Part Reference	C7
	Reference	C7
	Designator	
	Value	1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	630
	Location Y-Coordinate	370
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS206480	PCB Footprint	tp10
	Name	INS206480
	Part Reference	T1
	Reference	T1
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	330
	Location Y-Coordinate	700
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS22556	PCB Footprint	c0603
	Name	INS22556
	Part Reference	C23
	Reference	C23
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	920
	Location Y-Coordinate	480
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_DRAM
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS24173	PCB Footprint	c0402
	Name	INS24173
	Part Reference	C13
	Reference	C13
	Designator	
	Value	2.2uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	920
	Location Y-Coordinate	370
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_0V9
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	c0402
	Name	INS25694
	Part Reference	C8
	Reference	C8
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
INS25694	Location X-Coordinate	670
	Location Y-Coordinate	370
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	elqfp128
	Name	INS10101
	Part Reference	U2A
	Reference	U2
	Designator	A
	Value	D1s
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS10101	Implementation Path	
	Location X-Coordinate	780
	Location Y-Coordinate	60
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	D1sA.Normal
	Source Package	D1s
	Power Pins Visible	False
	Graphic	D1sA.Normal

Object	Property Name	Property Value
VCC-PLL	Name	VCC-PLL
	Number	20
	Swap Id	-1
	Type	Power
	Net Name	VCC_1V8
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
REFCLK-OUT	Name	REFCLK-OUT
	Number	21
	Swap Id	-1
	Type	Passive
	Net Name	CLK_24M_OUT
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
DXOUT	Name	DXOUT
	Number	22
	Swap Id	-1
	Type	Passive
	Net Name	DXOUT
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
DXIN	Name	DXIN
	Number	23
	Swap Id	-1
	Type	Passive
	Net Name	DXIN
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
X32KOUT	Name	X32KOUT
	Number	24
	Swap Id	-1
	Type	Passive
	Net Name	X32KIN
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
X32KIN	Name	X32KIN
	Number	25
	Swap Id	-1
	Type	Passive
	Net Name	X32KOUT
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
VCC-RTC	Name	VCC-RTC
	Number	26
	Swap Id	-1
	Type	Power
	Net Name	VCC_1V8
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
RESET	Name	RESET
	Number	27
	Swap Id	-1
	Type	Passive
	Net Name	RESET
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
LDOA-OUT	Name	LDOA-OUT
	Number	28
	Swap Id	-1
	Type	Power
	Net Name	VCC_1V8
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
LDO-IN	Name	LDO-IN
	Number	29
	Swap Id	-1
	Type	Power
	Net Name	N12617
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
LDOB-OUT	Name	LDOB-OUT
	Number	30
	Swap Id	-1
	Type	Power
	Net Name	VCC_DRAM
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
VDD-SYS0	Name	VDD-SYS0
	Number	46
	Swap Id	-1
	Type	Power
	Net Name	VCC_0V9
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
DZQ	Name	DZQ
	Number	47
	Swap Id	-1
	Type	Passive
	Net Name	N1015112
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
VCC-DRAM0	Name	VCC-DRAM0
	Number	48
	Swap Id	-1
	Type	Power
	Net Name	VCC_DRAM
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
VCC-DRAM1	Name	VCC-DRAM1
	Number	49
	Swap Id	-1
	Type	Power
	Net Name	VCC_DRAM
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
VDD18-DRAM	Name	VDD18-DRAM
	Number	50
	Swap Id	-1
	Type	Power
	Net Name	VCC_1V8
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
VDD-SYS1	Name	VDD-SYS1
	Number	51
	Swap Id	-1
	Type	Power
	Net Name	VCC_0V9
	Order	16
	Is No Connect	False

Object	Property Name	Property Value
VDD-SYS2	Name	VDD-SYS2
	Number	81
	Swap Id	-1
	Type	Power
	Net Name	VCC_0V9
	Order	17
	Is No Connect	False

Object	Property Name	Property Value
VCC-IO	Name	VCC-IO
	Number	83
	Swap Id	-1
	Type	Power
	Net Name	VCC_3V3
	Order	18
	Is No Connect	False

Object	Property Name	Property Value
VDD-CORE0	Name	VDD-CORE0
	Number	116
	Swap Id	-1
	Type	Power
	Net Name	VCC_0V9
	Order	19
	Is No Connect	False

Object	Property Name	Property Value
VDD-CORE1	Name	VDD-CORE1
	Number	117
	Swap Id	-1
	Type	Power
	Net Name	VCC_0V9
	Order	20
	Is No Connect	False

Object	Property Name	Property Value
EPAD	Name	EPAD
	Number	129
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	21
	Is No Connect	False

Object	Property Name	Property Value
INS206490	PCB Footprint	tp10
	Name	INS206490
	Part Reference	T2
	Reference	T2
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	330
	Location Y-Coordinate	720
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS7822	PCB Footprint	c0402
	Name	INS7822
	Part Reference	C3
	Reference	C3
	Designator	
	Value	22pF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	310
	Location Y-Coordinate	150
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N08124
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS7717	PCB Footprint	sot23-5
	Name	INS7717
	Part Reference	U1
	Reference	U1
	Designator	
	Value	SY8089
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	170
	Location Y-Coordinate	80
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	SY8089.Normal
	Source Package	SY8089
	Power Pins Visible	False
	Graphic	SY8089.Normal

Object	Property Name	Property Value
IN	Name	IN
	Number	4
	Swap Id	-1
	Type	Power
	Net Name	VCC_5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
EN	Name	EN
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N08101
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
GND	Name	GND
	Number	2
	Swap Id	-1
	Type	Power
	Net Name	GND
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
LX	Name	LX
	Number	3
	Swap Id	-1
	Type	Power
	Net Name	N077333
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
FB	Name	FB
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	N08124
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
INS7925	PCB Footprint	c0603
	Name	INS7925
	Part Reference	C1
	Reference	C1
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	70
	Location Y-Coordinate	110
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16811	PCB Footprint	
	Name	INS16811
	Part Reference	SW1
	Reference	SW1
	Designator	
	Value	RESET
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	80
	Location Y-Coordinate	730
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	KEY.Normal
	Source Package	KEY
	Power Pins Visible	False
	Graphic	KEY.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
4	Name	4
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16899
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS14392	PCB Footprint	r0402
	Name	INS14392
	Part Reference	R9
	Reference	R9
	Designator	
	Value	47K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	140
	Location Y-Coordinate	650
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	RESET
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS13282	PCB Footprint	r0402
	Name	INS13282
	Part Reference	R1
	Reference	R1
	Designator	
	Value	240R-1%
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	1010
	Location Y-Coordinate	90
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N1015112
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS206500	PCB Footprint	tp10
	Name	INS206500
	Part Reference	T3
	Reference	T3
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	330
	Location Y-Coordinate	740
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_1V8
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS26617	PCB Footprint	c0402
	Name	INS26617
	Part Reference	C16
	Reference	C16
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	120
	Location Y-Coordinate	400
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N26563
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS8742	PCB Footprint	c0402
	Name	INS8742
	Part Reference	C17
	Reference	C17
	Designator	
	Value	22pF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	330
	Location Y-Coordinate	390
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N08728
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_0V9
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS24599	PCB Footprint	c0402
	Name	INS24599
	Part Reference	C19
	Reference	C19
	Designator	
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	680
	Location Y-Coordinate	480
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_1V8
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS23589	PCB Footprint	c0603
	Name	INS23589
	Part Reference	C9
	Reference	C9
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	760
	Location Y-Coordinate	370
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_0V9
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS22582	PCB Footprint	c0402
	Name	INS22582
	Part Reference	C24
	Reference	C24
	Designator	
	Value	2.2uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	960
	Location Y-Coordinate	480
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_DRAM
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS206510	PCB Footprint	tp10
	Name	INS206510
	Part Reference	T4
	Reference	T4
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	330
	Location Y-Coordinate	760
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_DRAM
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS8650	PCB Footprint	r0402
	Name	INS8650
	Part Reference	R7
	Reference	R7
	Designator	
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	140
	Location Y-Coordinate	390
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N26563
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS14408	PCB Footprint	r0402
	Name	INS14408
	Part Reference	R10
	Reference	R10
	Designator	
	Value	510R
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	100
	Location Y-Coordinate	690
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16899
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	RESET
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS206718	PCB Footprint	tp10
	Name	INS206718
	Part Reference	T5
	Reference	T5
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	530
	Location Y-Coordinate	760
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	DXOUT
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS10371	PCB Footprint	c0402
	Name	INS10371
	Part Reference	C27
	Reference	C27
	Designator	
	Value	15pF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	630
	Location Y-Coordinate	630
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	DXIN
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS7848	PCB Footprint	r0402
	Name	INS7848
	Part Reference	R3
	Reference	R3
	Designator	
	Value	450K-1%
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	300
	Location Y-Coordinate	130
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N08124
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS8050	PCB Footprint	r0402
	Name	INS8050
	Part Reference	R2
	Reference	R2
	Designator	
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	110
	Location Y-Coordinate	100
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N08101
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	tp10
	Name	INS206520
	Part Reference	T6
	Reference	T6
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
INS206520	Location X-Coordinate	330
	Location Y-Coordinate	780
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
	Name	TP
	Number	1
	Swap Id	-1
TP	Type	Passive
	Net Name	VCC_0V9
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	c0402
	Name	INS21787
	Part Reference	C18
	Reference	C18
	Designator	
	Value	2.2nF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS21787	Implementation Path	
	Location X-Coordinate	630
	Location Y-Coordinate	480
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_1V8
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS23605	PCB Footprint	c0402
	Name	INS23605
	Part Reference	C10
	Reference	C10
	Designator	
	Value	2.2uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	800
	Location Y-Coordinate	370
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_0V9
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	c0603
	Name	INS24314
	Part Reference	C14
	Reference	C14
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS24314	Implementation Path	
	Location X-Coordinate	960
	Location Y-Coordinate	370
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1	Type	Passive
	Net Name	VCC_0V9
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	c0402
	Name	INS24923
	Part Reference	C25
	Reference	C25
	Designator	
	Value	2.2uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS24923	Implementation Path	
	Location X-Coordinate	1000
	Location Y-Coordinate	480
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_DRAM
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS206728	PCB Footprint	tp10
	Name	INS206728
	Part Reference	T7
	Reference	T7
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	530
	Location Y-Coordinate	780
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	X32KOUT
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	c0603
	Name	INS14117
	Part Reference	C4
	Reference	C4
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
INS14117	Location X-Coordinate	630
	Location Y-Coordinate	190
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1	Type	Passive
	Net Name	N12617
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	PCB Footprint	c0402
	Name	INS22300
	Part Reference	C22
	Reference	C22
	Designator	
	Value	2.2uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS22300	Implementation Path	
	Location X-Coordinate	880
	Location Y-Coordinate	480
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_DRAM
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS8766	PCB Footprint	r0402
	Name	INS8766
	Part Reference	R8
	Reference	R8
	Designator	
	Value	200K-1%
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	290
	Location Y-Coordinate	410
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	R.Normal
	Source Package	R
	Power Pins Visible	False
	Graphic	R.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N08728
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS8666	PCB Footprint	c0402
	Name	INS8666
	Part Reference	C6
	Reference	C6
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	390
	Location Y-Coordinate	340
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_0V9
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS12504	PCB Footprint	
	Name	INS12504
	Part Reference	D1
	Reference	D1
	Designator	
	Value	B5819
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	630
	Location Y-Coordinate	130
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	DIODE.Normal
	Source Package	DIODE
	Power Pins Visible	False
	Graphic	DIODE.Normal

Object	Property Name	Property Value
A	Name	A
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
K	Name	K
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N12617
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS206530	PCB Footprint	tp10
	Name	INS206530
	Part Reference	T8
	Reference	T8
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	330
	Location Y-Coordinate	800
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	RESET
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS10389	PCB Footprint	c0402
	Name	INS10389
	Part Reference	C28
	Reference	C28
	Designator	
	Value	15pF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	780
	Location Y-Coordinate	630
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	DXOUT
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS206738	PCB Footprint	tp10
	Name	INS206738
	Part Reference	T9
	Reference	T9
	Designator	
	Value	test
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	530
	Location Y-Coordinate	800
	Color	Default
	Source Library	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE_PROJECT\SCH_
	Source Part	TestPoint.Normal
	Source Package	TestPoint
	Power Pins Visible	False
	Graphic	TestPoint.Normal
	Filename	
	Parameter	

Object	Property Name	Property Value
TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	CLK_24M_OUT
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS23621	PCB Footprint	c0603
	Name	INS23621
	Part Reference	C11
	Reference	C11
	Designator	
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Location X-Coordinate	840
	Location Y-Coordinate	370
	Color	Default
	Source Library	C:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\DISCRETE.OLB
	Source Part	CAP NP.Normal
	Source Package	CAP NP
	Power Pins Visible	False
	Graphic	CAP NP.Normal

Object	Property Name	Property Value
1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_0V9
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
Line	Name	I03355
	Location X-Coordinate	20
	Location Y-Coordinate	70
	Color	Default
	Start X-Coordinate	20
	Start Y-Coordinate	70
	End X-Coordinate	290
	End Y-Coordinate	70
	Line Style	Solid
	Line Width	Wide

Object	Property Name	Property Value
Rectangle	Name	I04524
	Location X-Coordinate	140
	Location Y-Coordinate	190
	Color	Default
	Left	121
	Top	321
	Right	201
	Bottom	341
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I04550
	Location X-Coordinate	140
	Location Y-Coordinate	190
	Color	Default
	Left	391
	Top	341
	Right	441
	Bottom	361
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I04562
	Location X-Coordinate	590
	Location Y-Coordinate	210
	Color	Default
	Left	661
	Top	441
	Right	711
	Bottom	451
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I04580
	Location X-Coordinate	590
	Location Y-Coordinate	210
	Color	Default
	Left	661
	Top	461
	Right	711
	Bottom	471
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I04590
	Location X-Coordinate	590
	Location Y-Coordinate	210
	Color	Default
	Left	661
	Top	491
	Right	711
	Bottom	501
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	I04606
	Location X-Coordinate	590
	Location Y-Coordinate	210
	Color	Default
	Left	661
	Top	511
Rectangle	Right	711
	Bottom	521
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	I04622
	Location X-Coordinate	590
	Location Y-Coordinate	210
	Color	Default
	Left	821
	Top	435
Rectangle	Right	1011
	Bottom	455
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	I04638
	Location X-Coordinate	590
	Location Y-Coordinate	210
	Color	Default
	Left	821
	Top	461
Rectangle	Right	1011
	Bottom	471
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	I04654
	Location X-Coordinate	590
	Location Y-Coordinate	210
	Color	Default
	Left	821
	Top	491
Rectangle	Right	1011
	Bottom	501
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I04670
	Location X-Coordinate	590
	Location Y-Coordinate	210
	Color	Default
	Left	821
	Top	511
	Right	1011
	Bottom	521
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I04678
	Location X-Coordinate	410
	Location Y-Coordinate	380
	Color	Default
	Left	501
	Top	446
	Right	551
	Bottom	466
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I04690
	Location X-Coordinate	590
	Location Y-Coordinate	210
	Color	Default
	Left	581
	Top	311
	Right	771
	Bottom	331
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I04706
	Location X-Coordinate	590
	Location Y-Coordinate	210
	Color	Default
	Left	581
	Top	341
	Right	771
	Bottom	361
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I04722
	Location X-Coordinate	590
	Location Y-Coordinate	210
	Color	Default
	Left	581
	Top	371
	Right	781
	Bottom	401
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I04744
	Location X-Coordinate	140
	Location Y-Coordinate	190
	Color	Default
	Left	391
	Top	371
	Right	441
	Bottom	391
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I04746
	Location X-Coordinate	551
	Location Y-Coordinate	456
	Color	Default
	Start X-Coordinate	551
	Start Y-Coordinate	456
	End X-Coordinate	591
	End Y-Coordinate	456
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04748
	Location X-Coordinate	441
	Location Y-Coordinate	351
	Color	Default
	Start X-Coordinate	441
	Start Y-Coordinate	351
	End X-Coordinate	581
	End Y-Coordinate	351
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04750
	Location X-Coordinate	441
	Location Y-Coordinate	381
	Color	Default
	Start X-Coordinate	441
	Start Y-Coordinate	381
	End X-Coordinate	581
	End Y-Coordinate	381
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04754
	Location X-Coordinate	391
	Location Y-Coordinate	321
	Color	Default
	Start X-Coordinate	391
	Start Y-Coordinate	321
	End X-Coordinate	581
	End Y-Coordinate	321
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04760
	Location X-Coordinate	361
	Location Y-Coordinate	321
	Color	Default
	Start X-Coordinate	361
	Start Y-Coordinate	321
	End X-Coordinate	361
	End Y-Coordinate	381
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04762
	Location X-Coordinate	361
	Location Y-Coordinate	321
	Color	Default
	Start X-Coordinate	361
	Start Y-Coordinate	321
	End X-Coordinate	391
	End Y-Coordinate	321
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04764
	Location X-Coordinate	361
	Location Y-Coordinate	351
	Color	Default
	Start X-Coordinate	391
	Start Y-Coordinate	351
	End X-Coordinate	361
	End Y-Coordinate	351
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04766
	Location X-Coordinate	361
	Location Y-Coordinate	381
	Color	Default
	Start X-Coordinate	391
	Start Y-Coordinate	381
	End X-Coordinate	361
	End Y-Coordinate	381
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Rectangle	Name	I04768
	Location X-Coordinate	90
	Location Y-Coordinate	320
	Color	Default
	Left	121
	Top	381
	Right	201
	Bottom	401
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I04772
	Location X-Coordinate	190
	Location Y-Coordinate	270
	Color	Default
	Left	231
	Top	321
	Right	271
	Bottom	341
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I04774
	Location X-Coordinate	190
	Location Y-Coordinate	330
	Color	Default
	Left	231
	Top	381
	Right	271
	Bottom	401
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I04776
	Location X-Coordinate	201
	Location Y-Coordinate	331
	Color	Default
	Start X-Coordinate	201
	Start Y-Coordinate	331
	End X-Coordinate	231
	End Y-Coordinate	331
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04778
	Location X-Coordinate	201
	Location Y-Coordinate	391
	Color	Default
	Start X-Coordinate	201
	Start Y-Coordinate	391
	End X-Coordinate	231
	End Y-Coordinate	391
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04780
	Location X-Coordinate	271
	Location Y-Coordinate	331
	Color	Default
	Start X-Coordinate	271
	Start Y-Coordinate	331
	End X-Coordinate	321
	End Y-Coordinate	331
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04782
	Location X-Coordinate	271
	Location Y-Coordinate	391
	Color	Default
	Start X-Coordinate	271
	Start Y-Coordinate	391
	End X-Coordinate	321
	End Y-Coordinate	391
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04784
	Location X-Coordinate	321
	Location Y-Coordinate	331
	Color	Default
	Start X-Coordinate	321
	Start Y-Coordinate	391
	End X-Coordinate	321
	End Y-Coordinate	331
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04786
	Location X-Coordinate	281
	Location Y-Coordinate	351
	Color	Default
	Start X-Coordinate	361
	Start Y-Coordinate	351
	End X-Coordinate	321
	End Y-Coordinate	351
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04866
	Location X-Coordinate	471
	Location Y-Coordinate	456
	Color	Default
	Start X-Coordinate	501
	Start Y-Coordinate	456
	End X-Coordinate	471
	End Y-Coordinate	456
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04868
	Location X-Coordinate	471
	Location Y-Coordinate	381
	Color	Default
	Start X-Coordinate	471
	Start Y-Coordinate	381
	End X-Coordinate	471
	End Y-Coordinate	456
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Rectangle	Name	I04870
	Location X-Coordinate	510
	Location Y-Coordinate	370
	Color	Default
	Left	591
	Top	431
	Right	711
	Bottom	531
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I04872
	Location X-Coordinate	711
	Location Y-Coordinate	516
	Color	Default
	Start X-Coordinate	711
	Start Y-Coordinate	516
	End X-Coordinate	821
	End Y-Coordinate	516
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04874
	Location X-Coordinate	711
	Location Y-Coordinate	496
	Color	Default
	Start X-Coordinate	711
	Start Y-Coordinate	496
	End X-Coordinate	821
	End Y-Coordinate	496
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04876
	Location X-Coordinate	711
	Location Y-Coordinate	465
	Color	Default
	Start X-Coordinate	711
	Start Y-Coordinate	465
	End X-Coordinate	821
	End Y-Coordinate	465
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04878
	Location X-Coordinate	711
	Location Y-Coordinate	445
	Color	Default
	Start X-Coordinate	711
	Start Y-Coordinate	445
	End X-Coordinate	821
	End Y-Coordinate	445
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04930
	Location X-Coordinate	471
	Location Y-Coordinate	456
	Color	Default
	Start X-Coordinate	471
	Start Y-Coordinate	456
	End X-Coordinate	471
	End Y-Coordinate	517
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04932
	Location X-Coordinate	471
	Location Y-Coordinate	517
	Color	Default
	Start X-Coordinate	471
	Start Y-Coordinate	517
	End X-Coordinate	591
	End Y-Coordinate	517
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04934
	Location X-Coordinate	471
	Location Y-Coordinate	496
	Color	Default
	Start X-Coordinate	471
	Start Y-Coordinate	496
	End X-Coordinate	591
	End Y-Coordinate	496
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04936
	Location X-Coordinate	591
	Location Y-Coordinate	481
	Color	Default
	Start X-Coordinate	591
	Start Y-Coordinate	481
	End X-Coordinate	711
	End Y-Coordinate	481
	Line Style	Dot
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I04938
	Location X-Coordinate	591
	Location Y-Coordinate	507
	Color	Default
	Start X-Coordinate	591
	Start Y-Coordinate	507
	End X-Coordinate	711
	End Y-Coordinate	507
	Line Style	Dot
	Line Width	Thin

Object	Property Name	Property Value
POWER TREE	Name	I03363
	Location X-Coordinate	0
	Location Y-Coordinate	-10
	Color	Default
	Bounding Box Left	70
	Bounding Box Right	214
	Bounding Box Top	30
	Bounding Box Bottom	51
	Text	POWER TREE
	Text Location X-Coordinate	70
	Text Location Y-Coordinate	30
	Font	@ ¸¢¨íÑ́Ú

Object	Property Name	Property Value
USB_VBUS_OTG	Name	I04526
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	130
	Bounding Box Right	192
	Bounding Box Top	327
	Bounding Box Bottom	336
	Text	USB_VBUS_OTG
	Text Location X-Coordinate	130
	Text Location Y-Coordinate	327
	Font	Courier New

Object	Property Name	Property Value
USB_VBUS_DEBUG	Name	I04536
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	125
	Bounding Box Right	197
	Bounding Box Top	387
	Bounding Box Bottom	396
	Text	USB_VBUS_DEBUG
	Text Location X-Coordinate	125
	Text Location Y-Coordinate	387
	Font	Courier New

Object	Property Name	Property Value
DC/DC	Name	I04552
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	406
	Bounding Box Right	433
	Bounding Box Top	347
	Bounding Box Bottom	356
	Text	DC/DC
	Text Location X-Coordinate	406
	Text Location Y-Coordinate	347
	Font	Courier New

Object	Property Name	Property Value
VCCLDOIN	Name	I04556
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	596
	Bounding Box Right	638
	Bounding Box Top	452
	Bounding Box Bottom	461
	Text	VCCLDOIN
	Text Location X-Coordinate	596
	Text Location Y-Coordinate	452
	Font	Courier New

Object	Property Name	Property Value
VCC-IO	Name	I04558
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	596
	Bounding Box Right	628
	Bounding Box Top	491
	Bounding Box Bottom	500
	Text	VCC-IO
	Text Location X-Coordinate	596
	Text Location Y-Coordinate	491
	Font	Courier New

Object	Property Name	Property Value
VCC-IO	Name	I04560
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	596
	Bounding Box Right	628
	Bounding Box Top	511
	Bounding Box Bottom	520
	Text	VCC-IO
	Text Location X-Coordinate	596
	Text Location Y-Coordinate	511
	Font	Courier New

Object	Property Name	Property Value
VCCLDOA	Name	I04564
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	669
	Bounding Box Right	706
	Bounding Box Top	441
	Bounding Box Bottom	450
	Text	VCCLDOA
	Text Location X-Coordinate	669
	Text Location Y-Coordinate	441
	Font	Courier New

Object	Property Name	Property Value
VCCLDOB	Name	I04574
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	669
	Bounding Box Right	706
	Bounding Box Top	461
	Bounding Box Bottom	470
	Text	VCCLDOB
	Text Location X-Coordinate	669
	Text Location Y-Coordinate	461
	Font	Courier New

Object	Property Name	Property Value
ALDO	Name	I04596
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	677
	Bounding Box Right	699
	Bounding Box Top	491
	Bounding Box Bottom	500
	Text	ALDO
	Text Location X-Coordinate	677
	Text Location Y-Coordinate	491
	Font	Courier New

Object	Property Name	Property Value
HPLDO	Name	I04612
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	674
	Bounding Box Right	701
	Bounding Box Top	511
	Bounding Box Bottom	520
	Text	HPLDO
	Text Location X-Coordinate	674
	Text Location Y-Coordinate	511
	Font	Courier New

Object	Property Name	Property Value
1.8V VCC-PLL/VCC-LVDS/VDD18-DRAM/ VCC-RTC	Name	I04628
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	825
	Bounding Box Right	992
	Bounding Box Top	436
	Bounding Box Bottom	454
	Text	1.8V VCC-PLL/VCC-LVDS/VDD18-DRAM/ VCC-RTC
	Text Location X-Coordinate	825
	Text Location Y-Coordinate	436
	Font	Courier New

Object	Property Name	Property Value
1.8V VCC-DRAM	Name	I04644
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	825
	Bounding Box Right	892
	Bounding Box Top	461
	Bounding Box Bottom	470
	Text	1.8V VCC-DRAM
	Text Location X-Coordinate	825
	Text Location Y-Coordinate	461
	Font	Courier New

Object	Property Name	Property Value
1.8V AVCC	Name	I04660
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	825
	Bounding Box Right	872
	Bounding Box Top	491
	Bounding Box Bottom	500
	Text	1.8V AVCC
	Text Location X-Coordinate	825
	Text Location Y-Coordinate	491
	Font	Courier New

Object	Property Name	Property Value
1.8V HPVCC	Name	I04676
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	825
	Bounding Box Right	877
	Bounding Box Top	511
	Bounding Box Bottom	520
	Text	1.8V HPVCC
	Text Location X-Coordinate	825
	Text Location Y-Coordinate	511
	Font	Courier New

Object	Property Name	Property Value
DIODE	Name	I04680
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	511
	Bounding Box Right	538
	Bounding Box Top	451
	Bounding Box Bottom	460
	Text	DIODE
	Text Location X-Coordinate	511
	Text Location Y-Coordinate	451
	Font	Courier New

Object	Property Name	Property Value
5V VCC-5V-USB/VCC-5V-LCD	Name	I04696
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	585
	Bounding Box Right	707
	Bounding Box Top	317
	Bounding Box Bottom	326
	Text	5V VCC-5V-USB/VCC-5V-LCD
	Text Location X-Coordinate	585
	Text Location Y-Coordinate	317
	Font	Courier New

Object	Property Name	Property Value
0.9V VDD-CPU/VDD-SYS	Name	I04712
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	586
	Bounding Box Right	688
	Bounding Box Top	346
	Bounding Box Bottom	355
	Text	0.9V VDD-CPU/VDD-SYS
	Text Location X-Coordinate	586
	Text Location Y-Coordinate	346
	Font	Courier New

Object	Property Name	Property Value
3.3V VCC-IO/VCC-PD/VCC-PE/ VCC-PG/LDOIN/VCC-NET/VCC-LCD /VCC-CARD/VCC-3V3	Name	I04728
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	586
	Bounding Box Right	728
	Bounding Box Top	372
	Bounding Box Bottom	399
	Text	3.3V VCC-IO/VCC-PD/VCC-PE/ VCC-PG/LDOIN/VCC-NET/VCC-LCD /
	Text Location X-Coordinate	586
	Text Location Y-Coordinate	372
	Font	Courier New

Object	Property Name	Property Value
DC/DC	Name	I04738
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	406
	Bounding Box Right	433
	Bounding Box Top	377
	Bounding Box Bottom	386
	Text	DC/DC
	Text Location X-Coordinate	406
	Text Location Y-Coordinate	377
	Font	Courier New

Object	Property Name	Property Value
DIODE	Name	I04794
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	237
	Bounding Box Right	264
	Bounding Box Top	326
	Bounding Box Bottom	335
	Text	DIODE
	Text Location X-Coordinate	237
	Text Location Y-Coordinate	326
	Font	Courier New

Object	Property Name	Property Value
DIODE	Name	I04802
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	237
	Bounding Box Right	264
	Bounding Box Top	386
	Bounding Box Bottom	395
	Text	DIODE
	Text Location X-Coordinate	237
	Text Location Y-Coordinate	386
	Font	Courier New

Object	Property Name	Property Value
5V@2A	Name	I04804
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	281
	Bounding Box Right	308
	Bounding Box Top	321
	Bounding Box Bottom	330
	Text	5V@2A
	Text Location X-Coordinate	281
	Text Location Y-Coordinate	321
	Font	Courier New

Object	Property Name	Property Value
5V@2A	Name	I04806
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	281
	Bounding Box Right	308
	Bounding Box Top	381
	Bounding Box Bottom	390
	Text	5V@2A
	Text Location X-Coordinate	281
	Text Location Y-Coordinate	381
	Font	Courier New

Object	Property Name	Property Value
0.9V@2A	Name	I04814
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	451
	Bounding Box Right	488
	Bounding Box Top	341
	Bounding Box Bottom	350
	Text	0.9V@2A
	Text Location X-Coordinate	451
	Text Location Y-Coordinate	341
	Font	Courier New

Object	Property Name	Property Value
3.3V@2A	Name	I04864
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	451
	Bounding Box Right	488
	Bounding Box Top	371
	Bounding Box Bottom	380
	Text	3.3V@2A
	Text Location X-Coordinate	451
	Text Location Y-Coordinate	371
	Font	Courier New

Object	Property Name	Property Value
1.8V@260mA	Name	I04904
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	721
	Bounding Box Right	773
	Bounding Box Top	435
	Bounding Box Bottom	444
	Text	1.8V@260mA
	Text Location X-Coordinate	721
	Text Location Y-Coordinate	435
	Font	Courier New

Object	Property Name	Property Value
1.8V@400mA	Name	I04912
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	721
	Bounding Box Right	773
	Bounding Box Top	455
	Bounding Box Bottom	464
	Text	1.8V@400mA
	Text Location X-Coordinate	721
	Text Location Y-Coordinate	455
	Font	Courier New

Object	Property Name	Property Value
1.8V@100mA	Name	I04920
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	721
	Bounding Box Right	773
	Bounding Box Top	486
	Bounding Box Bottom	495
	Text	1.8V@100mA
	Text Location X-Coordinate	721
	Text Location Y-Coordinate	486
	Font	Courier New

Object	Property Name	Property Value
1.8V@150mA	Name	I04928
	Location X-Coordinate	81
	Location Y-Coordinate	61
	Color	Default
	Bounding Box Left	721
	Bounding Box Right	773
	Bounding Box Top	506
	Bounding Box Bottom	515
	Text	1.8V@150mA
	Text Location X-Coordinate	721
	Text Location Y-Coordinate	506
	Font	Courier New

Object	Property Name	Property Value
TitleBlockNefu	Title	D1S_NEFU
	Page Number	0
	Page Count	10
	RevCode	1.0
	Name	TitleBlockNefu
	Design Name	D1S_NEFU_V1_0
	Design File Name	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE\PROJECT\D1S_
	Design Create Date	Tuesday, November 05, 2024
	Design Modify Date	Friday, December 20, 2024
	Design Create Time	11:19:09
	Design Modify Time	08:07:15
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, November 05, 2024
	Schematic Modify Date	Monday, December 16, 2024
	Schematic Create Time	11:19:10
	Schematic Modify Time	08:07:16
	Schematic Page Count	10
	Schematic Page Number	3
	Page Size	A4
	Page Create Date	Friday, November 15, 2024
	Page Modify Date	Monday, December 16, 2024
	Page Create Time	16:40:19
	Page Modify Time	07:16:27
	Location X-Coordinate	789
	Location Y-Coordinate	736
	Color	Default
	Source Library	D:\VCS\D1S_NEFU\PROJECT\SCH_LIB\NEFU.OLB
	Source Symbol	TitleBlockNefu
	Page Name	02 POWER TREE

Object	Property Name	Property Value
Line	Name	I03323
	Location X-Coordinate	20
	Location Y-Coordinate	70
	Color	Default
	Start X-Coordinate	20
	Start Y-Coordinate	70
	End X-Coordinate	290
	End Y-Coordinate	70
	Line Style	Solid
	Line Width	Wide

Object	Property Name	Property Value
Rectangle	Name	I06544
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	500
	Top	250
	Right	540
	Bottom	260
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06566
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	500
	Top	290
	Right	540
	Bottom	300
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06576
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	500
	Top	270
	Right	540
	Bottom	280
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06590
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	500
	Top	320
	Right	540
	Bottom	340
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	I06612
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	500
	Top	350
Rectangle	Right	540
	Bottom	370
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	I06662
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	590
	Top	330
Rectangle	Right	640
	Bottom	350
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	I06702
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	760
	Top	330
Rectangle	Right	830
	Bottom	400
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	I06736
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	590
	Top	250
Rectangle	Right	640
	Bottom	260
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06774
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	760
	Top	360
	Right	780
	Bottom	370
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06782
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	760
	Top	380
	Right	780
	Bottom	390
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06822
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	670
	Top	360
	Right	690
	Bottom	370
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06828
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	670
	Top	330
	Right	740
	Bottom	400
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06834
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	670
	Top	380
	Right	690
	Bottom	390
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06840
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	670
	Top	336
	Right	690
	Bottom	346
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06858
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	590
	Top	300
	Right	640
	Bottom	310
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06868
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	590
	Top	280
	Right	640
	Bottom	290
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06878
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	670
	Top	280
	Right	740
	Bottom	310
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06886
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	590
	Top	360
	Right	640
	Bottom	370
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06894
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	590
	Top	380
	Right	640
	Bottom	390
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06902
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	390
	Top	250
	Right	450
	Bottom	260
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06918
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	330
	Top	250
	Right	370
	Bottom	260
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06934
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	400
	Top	460
	Right	450
	Bottom	470
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06958
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	500
	Top	460
	Right	540
	Bottom	470
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06966
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	330
	Top	460
	Right	370
	Bottom	470
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I06982
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	330
	Top	480
	Right	370
	Bottom	490
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I07004
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	330
	Top	500
	Right	370
	Bottom	510
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I07006
	Location X-Coordinate	250
	Location Y-Coordinate	110
	Color	Default
	Left	500
	Top	240
	Right	640
	Bottom	520
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I07018
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	500
	Top	380
	Right	540
	Bottom	390
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I07034
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	500
	Top	400
	Right	540
	Bottom	450
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I07050
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	390
	Top	270
	Right	450
	Bottom	280
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I07068
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	590
	Top	470
	Right	640
	Bottom	480
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I07106
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	670
	Top	246
	Right	740
	Bottom	266
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I07118
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	670
	Top	440
	Right	740
	Bottom	510
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I07136
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	400
	Top	410
	Right	450
	Bottom	450
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I07192
	Location X-Coordinate	350
	Location Y-Coordinate	130
	Color	Default
	Left	390
	Top	290
	Right	450
	Bottom	300
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I07290
	Location X-Coordinate	420
	Location Y-Coordinate	326
	Color	Default
	Left	460
	Top	326
	Right	480
	Bottom	334
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I07294
	Location X-Coordinate	460
	Location Y-Coordinate	324
	Color	Default
	Start X-Coordinate	462
	Start Y-Coordinate	324
	End X-Coordinate	479
	End Y-Coordinate	324
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07302
	Location X-Coordinate	460
	Location Y-Coordinate	336
	Color	Default
	Start X-Coordinate	462
	Start Y-Coordinate	336
	End X-Coordinate	479
	End Y-Coordinate	336
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07368
	Location X-Coordinate	470
	Location Y-Coordinate	322
	Color	Default
	Start X-Coordinate	470
	Start Y-Coordinate	324
	End X-Coordinate	470
	End Y-Coordinate	322
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07370
	Location X-Coordinate	470
	Location Y-Coordinate	336
	Color	Default
	Start X-Coordinate	470
	Start Y-Coordinate	336
	End X-Coordinate	470
	End Y-Coordinate	338
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07372
	Location X-Coordinate	470
	Location Y-Coordinate	338
	Color	Default
	Start X-Coordinate	470
	Start Y-Coordinate	338
	End X-Coordinate	500
	End Y-Coordinate	338
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07374
	Location X-Coordinate	470
	Location Y-Coordinate	322
	Color	Default
	Start X-Coordinate	470
	Start Y-Coordinate	322
	End X-Coordinate	500
	End Y-Coordinate	322
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Rectangle	Name	I07394
	Location X-Coordinate	420
	Location Y-Coordinate	326
	Color	Default
	Left	460
	Top	356
	Right	480
	Bottom	364
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I07400
	Location X-Coordinate	460
	Location Y-Coordinate	354
	Color	Default
	Start X-Coordinate	462
	Start Y-Coordinate	354
	End X-Coordinate	479
	End Y-Coordinate	354
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
	Name	I07406
	Location X-Coordinate	470
	Location Y-Coordinate	352
	Color	Default
Line	Start X-Coordinate	470
	Start Y-Coordinate	352
	End X-Coordinate	500
	End Y-Coordinate	352
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
	Name	I07412
	Location X-Coordinate	470
	Location Y-Coordinate	352
	Color	Default
Line	Start X-Coordinate	470
	Start Y-Coordinate	354
	End X-Coordinate	470
	End Y-Coordinate	352
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
	Name	I07418
	Location X-Coordinate	460
	Location Y-Coordinate	366
	Color	Default
Line	Start X-Coordinate	462
	Start Y-Coordinate	366
	End X-Coordinate	479
	End Y-Coordinate	366
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
	Name	I07424
	Location X-Coordinate	470
	Location Y-Coordinate	368
	Color	Default
Line	Start X-Coordinate	470
	Start Y-Coordinate	368
	End X-Coordinate	500
	End Y-Coordinate	368
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07430
	Location X-Coordinate	470
	Location Y-Coordinate	366
	Color	Default
	Start X-Coordinate	470
	Start Y-Coordinate	366
	End X-Coordinate	470
	End Y-Coordinate	368
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Rectangle	Name	I07436
	Location X-Coordinate	500
	Location Y-Coordinate	460
	Color	Default
	Left	500
	Top	500
	Right	540
	Bottom	510
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I07438
	Location X-Coordinate	500
	Location Y-Coordinate	480
	Color	Default
	Left	500
	Top	480
	Right	540
	Bottom	490
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I07440
	Location X-Coordinate	640
	Location Y-Coordinate	340
	Color	Default
	Start X-Coordinate	640
	Start Y-Coordinate	340
	End X-Coordinate	669
	End Y-Coordinate	340
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07442
	Location X-Coordinate	669
	Location Y-Coordinate	340
	Color	Default
	Start X-Coordinate	669
	Start Y-Coordinate	340
	End X-Coordinate	670
	End Y-Coordinate	340
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07446
	Location X-Coordinate	640
	Location Y-Coordinate	365
	Color	Default
	Start X-Coordinate	640
	Start Y-Coordinate	365
	End X-Coordinate	670
	End Y-Coordinate	365
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07448
	Location X-Coordinate	640
	Location Y-Coordinate	385
	Color	Default
	Start X-Coordinate	640
	Start Y-Coordinate	385
	End X-Coordinate	670
	End Y-Coordinate	385
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07452
	Location X-Coordinate	650
	Location Y-Coordinate	320
	Color	Default
	Start X-Coordinate	650
	Start Y-Coordinate	340
	End X-Coordinate	650
	End Y-Coordinate	320
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
	Name	I07454
	Location X-Coordinate	650
	Location Y-Coordinate	320
	Color	Default
Line	Start X-Coordinate	650
	Start Y-Coordinate	320
	End X-Coordinate	750
	End Y-Coordinate	320
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
	Name	I07456
	Location X-Coordinate	750
	Location Y-Coordinate	320
	Color	Default
Line	Start X-Coordinate	750
	Start Y-Coordinate	320
	End X-Coordinate	750
	End Y-Coordinate	340
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
	Name	I07462
	Location X-Coordinate	450
	Location Y-Coordinate	440
	Color	Default
Line	Start X-Coordinate	450
	Start Y-Coordinate	440
	End X-Coordinate	500
	End Y-Coordinate	440
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
	Name	I07464
	Location X-Coordinate	450
	Location Y-Coordinate	420
	Color	Default
Line	Start X-Coordinate	450
	Start Y-Coordinate	420
	End X-Coordinate	500
	End Y-Coordinate	420
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
	Name	I07470
	Location X-Coordinate	450
	Location Y-Coordinate	430
	Color	Default
Line	Start X-Coordinate	450
	Start Y-Coordinate	430
	End X-Coordinate	500
	End Y-Coordinate	430
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
	Name	I07474
	Location X-Coordinate	452
	Location Y-Coordinate	255
	Color	Default
Line	Start X-Coordinate	452
	Start Y-Coordinate	255
	End X-Coordinate	500
	End Y-Coordinate	255
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
	Name	I07476
	Location X-Coordinate	451
	Location Y-Coordinate	255
	Color	Default
Line	Start X-Coordinate	452
	Start Y-Coordinate	255
	End X-Coordinate	451
	End Y-Coordinate	255
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
	Name	I07478
	Location X-Coordinate	450
	Location Y-Coordinate	255
	Color	Default
Line	Start X-Coordinate	451
	Start Y-Coordinate	255
	End X-Coordinate	450
	End Y-Coordinate	255
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07480
	Location X-Coordinate	450
	Location Y-Coordinate	274
	Color	Default
	Start X-Coordinate	450
	Start Y-Coordinate	274
	End X-Coordinate	500
	End Y-Coordinate	274
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07484
	Location X-Coordinate	450
	Location Y-Coordinate	295
	Color	Default
	Start X-Coordinate	500
	Start Y-Coordinate	295
	End X-Coordinate	450
	End Y-Coordinate	295
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07486
	Location X-Coordinate	370
	Location Y-Coordinate	255
	Color	Default
	Start X-Coordinate	390
	Start Y-Coordinate	255
	End X-Coordinate	370
	End Y-Coordinate	255
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07488
	Location X-Coordinate	640
	Location Y-Coordinate	255
	Color	Default
	Start X-Coordinate	640
	Start Y-Coordinate	255
	End X-Coordinate	670
	End Y-Coordinate	255
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07490
	Location X-Coordinate	640
	Location Y-Coordinate	285
	Color	Default
	Start X-Coordinate	670
	Start Y-Coordinate	285
	End X-Coordinate	640
	End Y-Coordinate	285
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07492
	Location X-Coordinate	640
	Location Y-Coordinate	305
	Color	Default
	Start X-Coordinate	670
	Start Y-Coordinate	305
	End X-Coordinate	640
	End Y-Coordinate	305
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07494
	Location X-Coordinate	640
	Location Y-Coordinate	476
	Color	Default
	Start X-Coordinate	670
	Start Y-Coordinate	476
	End X-Coordinate	640
	End Y-Coordinate	476
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07502
	Location X-Coordinate	370
	Location Y-Coordinate	465
	Color	Default
	Start X-Coordinate	370
	Start Y-Coordinate	465
	End X-Coordinate	372
	End Y-Coordinate	465
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07510
	Location X-Coordinate	372
	Location Y-Coordinate	465
	Color	Default
	Start X-Coordinate	372
	Start Y-Coordinate	465
	End X-Coordinate	400
	End Y-Coordinate	465
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07512
	Location X-Coordinate	370
	Location Y-Coordinate	485
	Color	Default
	Start X-Coordinate	370
	Start Y-Coordinate	485
	End X-Coordinate	500
	End Y-Coordinate	485
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07514
	Location X-Coordinate	370
	Location Y-Coordinate	505
	Color	Default
	Start X-Coordinate	370
	Start Y-Coordinate	505
	End X-Coordinate	500
	End Y-Coordinate	505
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07518
	Location X-Coordinate	380
	Location Y-Coordinate	420
	Color	Default
	Start X-Coordinate	380
	Start Y-Coordinate	465
	End X-Coordinate	380
	End Y-Coordinate	420
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07524
	Location X-Coordinate	380
	Location Y-Coordinate	420
	Color	Default
	Start X-Coordinate	380
	Start Y-Coordinate	420
	End X-Coordinate	400
	End Y-Coordinate	420
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07526
	Location X-Coordinate	390
	Location Y-Coordinate	440
	Color	Default
	Start X-Coordinate	390
	Start Y-Coordinate	485
	End X-Coordinate	390
	End Y-Coordinate	440
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07528
	Location X-Coordinate	390
	Location Y-Coordinate	440
	Color	Default
	Start X-Coordinate	390
	Start Y-Coordinate	440
	End X-Coordinate	400
	End Y-Coordinate	440
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Rectangle	Name	I07532
	Location X-Coordinate	860
	Location Y-Coordinate	360
	Color	Default
	Left	760
	Top	340
	Right	780
	Bottom	350
	Line Style	Solid
	Line Width	Thin
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I07538
	Location X-Coordinate	750
	Location Y-Coordinate	340
	Color	Default
	Start X-Coordinate	750
	Start Y-Coordinate	340
	End X-Coordinate	750
	End Y-Coordinate	345
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07540
	Location X-Coordinate	750
	Location Y-Coordinate	345
	Color	Default
	Start X-Coordinate	750
	Start Y-Coordinate	345
	End X-Coordinate	760
	End Y-Coordinate	345
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07544
	Location X-Coordinate	450
	Location Y-Coordinate	465
	Color	Default
	Start X-Coordinate	450
	Start Y-Coordinate	465
	End X-Coordinate	500
	End Y-Coordinate	465
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07560
	Location X-Coordinate	660
	Location Y-Coordinate	365
	Color	Default
	Start X-Coordinate	660
	Start Y-Coordinate	365
	End X-Coordinate	660
	End Y-Coordinate	410
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07562
	Location X-Coordinate	660
	Location Y-Coordinate	410
	Color	Default
	Start X-Coordinate	660
	Start Y-Coordinate	410
	End X-Coordinate	745
	End Y-Coordinate	410
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07566
	Location X-Coordinate	745
	Location Y-Coordinate	365
	Color	Default
	Start X-Coordinate	745
	Start Y-Coordinate	365
	End X-Coordinate	745
	End Y-Coordinate	410
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07570
	Location X-Coordinate	650
	Location Y-Coordinate	385
	Color	Default
	Start X-Coordinate	650
	Start Y-Coordinate	385
	End X-Coordinate	650
	End Y-Coordinate	420
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07572
	Location X-Coordinate	650
	Location Y-Coordinate	420
	Color	Default
	Start X-Coordinate	650
	Start Y-Coordinate	420
	End X-Coordinate	750
	End Y-Coordinate	420
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07574
	Location X-Coordinate	750
	Location Y-Coordinate	385
	Color	Default
	Start X-Coordinate	750
	Start Y-Coordinate	385
	End X-Coordinate	760
	End Y-Coordinate	385
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07576
	Location X-Coordinate	750
	Location Y-Coordinate	385
	Color	Default
	Start X-Coordinate	750
	Start Y-Coordinate	420
	End X-Coordinate	750
	End Y-Coordinate	385
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I07578
	Location X-Coordinate	745
	Location Y-Coordinate	365
	Color	Default
	Start X-Coordinate	745
	Start Y-Coordinate	365
	End X-Coordinate	760
	End Y-Coordinate	365
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Block Diagram	Name	I03371
	Location X-Coordinate	80
	Location Y-Coordinate	30
	Color	Default
	Bounding Box Left	80
	Bounding Box Right	240
	Bounding Box Top	30
	Bounding Box Bottom	51
	Text	Block Diagram
	Text Location X-Coordinate	80
	Text Location Y-Coordinate	30
	Font	@ ¿¨íÑ´Ú

Object	Property Name	Property Value
USB0	Name	I06518
	Location X-Coordinate	3
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	513
	Bounding Box Right	535
	Bounding Box Top	480
	Bounding Box Bottom	489
	Text	USB0
	Text Location X-Coordinate	513
	Text Location Y-Coordinate	480
	Font	Courier New

Object	Property Name	Property Value
USB1	Name	I06528
	Location X-Coordinate	3
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	513
	Bounding Box Right	535
	Bounding Box Top	501
	Bounding Box Bottom	510
	Text	USB1
	Text Location X-Coordinate	513
	Text Location Y-Coordinate	501
	Font	Courier New

Object	Property Name	Property Value
GMAC	Name	I06550
	Location X-Coordinate	5
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	513
	Bounding Box Right	535
	Bounding Box Top	250
	Bounding Box Bottom	259
	Text	GMAC
	Text Location X-Coordinate	513
	Text Location Y-Coordinate	250
	Font	Courier New

Object	Property Name	Property Value
SPI0	Name	I06560
	Location X-Coordinate	3
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	513
	Bounding Box Right	535
	Bounding Box Top	290
	Bounding Box Bottom	299
	Text	SPI0
	Text Location X-Coordinate	513
	Text Location Y-Coordinate	290
	Font	Courier New

Object	Property Name	Property Value
SDC0	Name	I06582
	Location X-Coordinate	3
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	513
	Bounding Box Right	535
	Bounding Box Top	270
	Bounding Box Bottom	279
	Text	SDC0
	Text Location X-Coordinate	513
	Text Location Y-Coordinate	270
	Font	Courier New

Object	Property Name	Property Value
DCXO	Name	I06596
	Location X-Coordinate	3
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	513
	Bounding Box Right	535
	Bounding Box Top	326
	Bounding Box Bottom	335
	Text	DCXO
	Text Location X-Coordinate	513
	Text Location Y-Coordinate	326
	Font	Courier New

Object	Property Name	Property Value
RTC	Name	I06606
	Location X-Coordinate	5
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	515
	Bounding Box Right	532
	Bounding Box Top	356
	Bounding Box Bottom	365
	Text	RTC
	Text Location X-Coordinate	515
	Text Location Y-Coordinate	356
	Font	Courier New

Object	Property Name	Property Value
MIPI	Name	I06670
	Location X-Coordinate	5
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	605
	Bounding Box Right	627
	Bounding Box Top	330
	Bounding Box Bottom	339
	Text	MIPI
	Text Location X-Coordinate	605
	Text Location Y-Coordinate	330
	Font	Courier New

Object	Property Name	Property Value
RGB	Name	I06678
	Location X-Coordinate	8
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	608
	Bounding Box Right	625
	Bounding Box Top	340
	Bounding Box Bottom	349
	Text	RGB
	Text Location X-Coordinate	608
	Text Location Y-Coordinate	340
	Font	Courier New

Object	Property Name	Property Value
TWI2	Name	I06686
	Location X-Coordinate	5
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	605
	Bounding Box Right	627
	Bounding Box Top	380
	Bounding Box Bottom	389
	Text	TWI2
	Text Location X-Coordinate	605
	Text Location Y-Coordinate	380
	Font	Courier New

Object	Property Name	Property Value
PWM7	Name	I06694
	Location X-Coordinate	5
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	605
	Bounding Box Right	627
	Bounding Box Top	360
	Bounding Box Bottom	369
	Text	PWM7
	Text Location X-Coordinate	605
	Text Location Y-Coordinate	360
	Font	Courier New

Object	Property Name	Property Value
CTP	Name	I06718
	Location X-Coordinate	2
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	762
	Bounding Box Right	779
	Bounding Box Top	380
	Bounding Box Bottom	389
	Text	CTP
	Text Location X-Coordinate	762
	Text Location Y-Coordinate	380
	Font	Courier New

Object	Property Name	Property Value
	Name	I06726
	Location X-Coordinate	3
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	763
	Bounding Box Right	775
BL	Bounding Box Top	360
	Bounding Box Bottom	369
	Text	BL
	Text Location X-Coordinate	763
	Text Location Y-Coordinate	360
	Font	Courier New

Object	Property Name	Property Value
	Name	I06742
	Location X-Coordinate	2
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	602
	Bounding Box Right	629
GPADC	Bounding Box Top	250
	Bounding Box Bottom	259
	Text	GPADC
	Text Location X-Coordinate	602
	Text Location Y-Coordinate	250
	Font	Courier New

Object	Property Name	Property Value
	Name	I06750
	Location X-Coordinate	240
	Location Y-Coordinate	100
	Color	Default
	Bounding Box Left	790
	Bounding Box Right	817
PANEL	Bounding Box Top	360
	Bounding Box Bottom	369
	Text	PANEL
	Text Location X-Coordinate	790
	Text Location Y-Coordinate	360
	Font	Courier New

Object	Property Name	Property Value
	Name	I06758
	Location X-Coordinate	240
	Location Y-Coordinate	100
	Color	Default
	Bounding Box Left	760
	Bounding Box Right	782
MIPI	Bounding Box Top	340
	Bounding Box Bottom	349
	Text	MIPI
	Text Location X-Coordinate	760
	Text Location Y-Coordinate	340
	Font	Courier New

Object	Property Name	Property Value
CTP	Name	I06804
	Location X-Coordinate	1
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	671
	Bounding Box Right	688
	Bounding Box Top	380
	Bounding Box Bottom	389
	Text	CTP
	Text Location X-Coordinate	671
	Text Location Y-Coordinate	380
	Font	Courier New

Object	Property Name	Property Value
BL	Name	I06810
	Location X-Coordinate	3
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	673
	Bounding Box Right	685
	Bounding Box Top	360
	Bounding Box Bottom	369
	Text	BL
	Text Location X-Coordinate	673
	Text Location Y-Coordinate	360
	Font	Courier New

Object	Property Name	Property Value
PANEL	Name	I06816
	Location X-Coordinate	240
	Location Y-Coordinate	100
	Color	Default
	Bounding Box Left	700
	Bounding Box Right	727
	Bounding Box Top	360
	Bounding Box Bottom	369
	Text	PANEL
	Text Location X-Coordinate	700
	Text Location Y-Coordinate	360
	Font	Courier New

Object	Property Name	Property Value
RGB	Name	I06846
	Location X-Coordinate	1
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	672
	Bounding Box Right	689
	Bounding Box Top	337
	Bounding Box Bottom	346
	Text	RGB
	Text Location X-Coordinate	672
	Text Location Y-Coordinate	337
	Font	Courier New

Object	Property Name	Property Value
HPOUTL/R	Name	I06848
	Location X-Coordinate	-5
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	595
	Bounding Box Right	637
	Bounding Box Top	300
	Bounding Box Bottom	309
	Text	HPOUTL/R
	Text Location X-Coordinate	595
	Text Location Y-Coordinate	300
	Font	Courier New

Object	Property Name	Property Value
MICIN3N/P	Name	I06860
	Location X-Coordinate	2
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	592
	Bounding Box Right	639
	Bounding Box Top	280
	Bounding Box Bottom	289
	Text	MICIN3N/P
	Text Location X-Coordinate	592
	Text Location Y-Coordinate	280
	Font	Courier New

Object	Property Name	Property Value
HEADPHONE	Name	I06870
	Location X-Coordinate	0
	Location Y-Coordinate	2
	Color	Default
	Bounding Box Left	682
	Bounding Box Right	729
	Bounding Box Top	288
	Bounding Box Bottom	297
	Text	HEADPHONE
	Text Location X-Coordinate	682
	Text Location Y-Coordinate	288
	Font	Courier New

Object	Property Name	Property Value
RTL8201	Name	I06910
	Location X-Coordinate	-8
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	402
	Bounding Box Right	439
	Bounding Box Top	250
	Bounding Box Bottom	259
	Text	RTL8201
	Text Location X-Coordinate	402
	Text Location Y-Coordinate	250
	Font	Courier New

Object	Property Name	Property Value
RJ45	Name	I06926
	Location X-Coordinate	0
	Location Y-Coordinate	-10
	Color	Default
	Bounding Box Left	340
	Bounding Box Right	362
	Bounding Box Top	250
	Bounding Box Bottom	259
	Text	RJ45
	Text Location X-Coordinate	340
	Text Location Y-Coordinate	250
	Font	Courier New

Object	Property Name	Property Value
CH340G	Name	I06942
	Location X-Coordinate	0
	Location Y-Coordinate	-40
	Color	Default
	Bounding Box Left	410
	Bounding Box Right	442
	Bounding Box Top	460
	Bounding Box Bottom	469
	Text	CH340G
	Text Location X-Coordinate	410
	Text Location Y-Coordinate	460
	Font	Courier New

Object	Property Name	Property Value
UART0	Name	I06952
	Location X-Coordinate	5
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	511
	Bounding Box Right	538
	Bounding Box Top	461
	Bounding Box Bottom	470
	Text	UART0
	Text Location X-Coordinate	511
	Text Location Y-Coordinate	461
	Font	Courier New

Object	Property Name	Property Value
TYPE-C	Name	I06974
	Location X-Coordinate	2
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	332
	Bounding Box Right	364
	Bounding Box Top	460
	Bounding Box Bottom	469
	Text	TYPE-C
	Text Location X-Coordinate	332
	Text Location Y-Coordinate	460
	Font	Courier New

Object	Property Name	Property Value
	Name	I06988
	Location X-Coordinate	1
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	331
TYPE-C	Bounding Box Right	363
	Bounding Box Top	480
	Bounding Box Bottom	489
	Text	TYPE-C
	Text Location X-Coordinate	331
	Text Location Y-Coordinate	480
	Font	Courier New

Object	Property Name	Property Value
	Name	I06998
	Location X-Coordinate	3
	Location Y-Coordinate	2
	Color	Default
	Bounding Box Left	332
TYPE-A	Bounding Box Right	364
	Bounding Box Top	500
	Bounding Box Bottom	509
	Text	TYPE-A
	Text Location X-Coordinate	332
	Text Location Y-Coordinate	500
	Font	Courier New

Object	Property Name	Property Value
	Name	I07012
	Location X-Coordinate	5
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	515
LDO	Bounding Box Right	532
	Bounding Box Top	380
	Bounding Box Bottom	389
	Text	LDO
	Text Location X-Coordinate	515
	Text Location Y-Coordinate	380
	Font	Courier New

Object	Property Name	Property Value
	Name	I07042
	Location X-Coordinate	-2
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	508
SYSTEM	Bounding Box Right	540
	Bounding Box Top	420
	Bounding Box Bottom	429
	Text	SYSTEM
	Text Location X-Coordinate	508
	Text Location Y-Coordinate	420
	Font	Courier New

Object	Property Name	Property Value
SDCARD	Name	I07058
	Location X-Coordinate	-5
	Location Y-Coordinate	1
	Color	Default
	Bounding Box Left	405
	Bounding Box Right	437
	Bounding Box Top	271
	Bounding Box Bottom	280
	Text	SDCARD
	Text Location X-Coordinate	405
	Text Location Y-Coordinate	271
	Font	Courier New

Object	Property Name	Property Value
SPI NAND/NOR	Name	I07060
	Location X-Coordinate	0
	Location Y-Coordinate	-10
	Color	Default
	Bounding Box Left	390
	Bounding Box Right	452
	Bounding Box Top	290
	Bounding Box Bottom	299
	Text	SPI NAND/NOR
	Text Location X-Coordinate	390
	Text Location Y-Coordinate	290
	Font	Courier New

Object	Property Name	Property Value
GPIOs	Name	I07076
	Location X-Coordinate	2
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	602
	Bounding Box Right	629
	Bounding Box Top	471
	Bounding Box Bottom	480
	Text	GPIOs
	Text Location X-Coordinate	602
	Text Location Y-Coordinate	471
	Font	Courier New

Object	Property Name	Property Value
KEYs	Name	I07108
	Location X-Coordinate	5
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	694
	Bounding Box Right	716
	Bounding Box Top	251
	Bounding Box Bottom	260
	Text	KEYs
	Text Location X-Coordinate	694
	Text Location Y-Coordinate	251
	Font	Courier New

Object	Property Name	Property Value
GPIO&INTERFACE	Name	I07128
	Location X-Coordinate	0
	Location Y-Coordinate	20
	Color	Default
	Bounding Box Left	670
	Bounding Box Right	742
	Bounding Box Top	470
	Bounding Box Bottom	479
	Text	GPIO&INTERFACE
	Text Location X-Coordinate	670
	Text Location Y-Coordinate	470
	Font	Courier New

Object	Property Name	Property Value
DCDC	Name	I07142
	Location X-Coordinate	2
	Location Y-Coordinate	6
	Color	Default
	Bounding Box Left	412
	Bounding Box Right	434
	Bounding Box Top	426
	Bounding Box Bottom	435
	Text	DCDC
	Text Location X-Coordinate	412
	Text Location Y-Coordinate	426
	Font	Courier New

Object	Property Name	Property Value
24M	Name	I07432
	Location X-Coordinate	18
	Location Y-Coordinate	2
	Color	Default
	Bounding Box Left	438
	Bounding Box Right	455
	Bounding Box Top	326
	Bounding Box Bottom	335
	Text	24M
	Text Location X-Coordinate	438
	Text Location Y-Coordinate	326
	Font	Courier New

Object	Property Name	Property Value
32.768k	Name	I07434
	Location X-Coordinate	0
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	420
	Bounding Box Right	457
	Bounding Box Top	355
	Bounding Box Bottom	364
	Text	32.768k
	Text Location X-Coordinate	420
	Text Location Y-Coordinate	355
	Font	Courier New

Object	Property Name	Property Value
CTIA	Name	I07542
	Location X-Coordinate	0
	Location Y-Coordinate	1
	Color	Default
	Bounding Box Left	716
	Bounding Box Right	738
	Bounding Box Top	301
	Bounding Box Bottom	310
	Text	CTIA
	Text Location X-Coordinate	716
	Text Location Y-Coordinate	301
	Font	Courier New

Object	Property Name	Property Value
TitleBlockNefu	Title	D1S_NEFU
	Page Number	0
	Page Count	10
	RevCode	1.0
	Name	TitleBlockNefu
	Design Name	D1S_NEFU_V1_0
	Design File Name	C:\USERS\HHP\DESKTOP\D1S_NEFU_HARDWARE\PROJECT\D1S_
	Design Create Date	Tuesday, November 05, 2024
	Design Modify Date	Friday, December 20, 2024
	Design Create Time	11:19:09
	Design Modify Time	08:07:15
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, November 05, 2024
	Schematic Modify Date	Monday, December 02, 2024
	Schematic Create Time	11:19:10
	Schematic Modify Time	08:07:16
	Schematic Page Count	10
	Schematic Page Number	2
	Page Size	A4
	Page Create Date	Friday, November 15, 2024
	Page Modify Date	Monday, December 02, 2024
	Page Create Time	16:38:54
	Page Modify Time	08:25:49
	Location X-Coordinate	789
	Location Y-Coordinate	736
	Color	Default
	Source Library	D:\VCS\D1S_NEFU\PROJECT\SCH_LIB\NEFU.OLB
	Source Symbol	TitleBlockNefu
	Page Name	01 Block Diagram

Object	Property Name	Property Value
Rectangle	Name	I03071
	Location X-Coordinate	100
	Location Y-Coordinate	20
	Color	Default
	Left	100
	Top	120
	Right	1090
	Bottom	680
	Line Style	Solid
	Line Width	Medium
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I03113
	Location X-Coordinate	200
	Location Y-Coordinate	120
	Color	Default
	Start X-Coordinate	200
	Start Y-Coordinate	120
	End X-Coordinate	200
	End Y-Coordinate	680
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I03119
	Location X-Coordinate	320
	Location Y-Coordinate	120
	Color	Default
	Start X-Coordinate	320
	Start Y-Coordinate	120
	End X-Coordinate	320
	End Y-Coordinate	680
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I03125
	Location X-Coordinate	430
	Location Y-Coordinate	120
	Color	Default
	Start X-Coordinate	430
	Start Y-Coordinate	120
	End X-Coordinate	430
	End Y-Coordinate	680
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I03137
	Location X-Coordinate	-85
	Location Y-Coordinate	170
	Color	Default
	Start X-Coordinate	100
	Start Y-Coordinate	170
	End X-Coordinate	1090
	End Y-Coordinate	170
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I03143
	Location X-Coordinate	-85
	Location Y-Coordinate	200
	Color	Default
	Start X-Coordinate	100
	Start Y-Coordinate	200
	End X-Coordinate	1090
	End Y-Coordinate	200
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I03173
	Location X-Coordinate	-85
	Location Y-Coordinate	230
	Color	Default
	Start X-Coordinate	100
	Start Y-Coordinate	230
	End X-Coordinate	1090
	End Y-Coordinate	230
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I03179
	Location X-Coordinate	-85
	Location Y-Coordinate	260
	Color	Default
	Start X-Coordinate	100
	Start Y-Coordinate	260
	End X-Coordinate	1090
	End Y-Coordinate	260
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I03209
	Location X-Coordinate	-85
	Location Y-Coordinate	290
	Color	Default
	Start X-Coordinate	100
	Start Y-Coordinate	290
	End X-Coordinate	1090
	End Y-Coordinate	290
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I03239
	Location X-Coordinate	-85
	Location Y-Coordinate	320
	Color	Default
	Start X-Coordinate	100
	Start Y-Coordinate	320
	End X-Coordinate	1090
	End Y-Coordinate	320
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I03269
	Location X-Coordinate	-85
	Location Y-Coordinate	350
	Color	Default
	Start X-Coordinate	100
	Start Y-Coordinate	350
	End X-Coordinate	1090
	End Y-Coordinate	350
	Line Style	Solid
	Line Width	Thin

Object	Property Name	Property Value
Line	Name	I03289
	Location X-Coordinate	10
	Location Y-Coordinate	60
	Color	Default
	Start X-Coordinate	10
	Start Y-Coordinate	60
	End X-Coordinate	280
	End Y-Coordinate	60
	Line Style	Solid
	Line Width	Wide

Object	Property Name	Property Value
Change Note	Name	I03029
	Location X-Coordinate	40
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	660
	Bounding Box Right	752
	Bounding Box Top	140
	Bounding Box Bottom	153
	Text	Change Note
	Text Location X-Coordinate	660
	Text Location Y-Coordinate	140
	Font	Courier New

Object	Property Name	Property Value
Version	Name	I03035
	Location X-Coordinate	0
	Location Y-Coordinate	-40
	Color	Default
	Bounding Box Left	120
	Bounding Box Right	180
	Bounding Box Top	140
	Bounding Box Bottom	153
	Text	Version
	Text Location X-Coordinate	120
	Text Location Y-Coordinate	140
	Font	Courier New

Object	Property Name	Property Value
Date	Name	I03047
	Location X-Coordinate	0
	Location Y-Coordinate	-40
	Color	Default
	Bounding Box Left	240
	Bounding Box Right	276
	Bounding Box Top	140
	Bounding Box Bottom	153
	Text	Date
	Text Location X-Coordinate	240
	Text Location Y-Coordinate	140
	Font	Courier New

Object	Property Name	Property Value
V1.0	Name	I03053
	Location X-Coordinate	0
	Location Y-Coordinate	-40
	Color	Default
	Bounding Box Left	130
	Bounding Box Right	166
	Bounding Box Top	180
	Bounding Box Bottom	193
	Text	V1.0
	Text Location X-Coordinate	130
	Text Location Y-Coordinate	180
	Font	Courier New

Object	Property Name	Property Value
Author	Name	I03059
	Location X-Coordinate	0
	Location Y-Coordinate	-40
	Color	Default
	Bounding Box Left	350
	Bounding Box Right	402
	Bounding Box Top	140
	Bounding Box Bottom	153
	Text	Author
	Text Location X-Coordinate	350
	Text Location Y-Coordinate	140
	Font	Courier New

Object	Property Name	Property Value
Revision History	Name	I03083
	Location X-Coordinate	-10
	Location Y-Coordinate	-10
	Color	Default
	Bounding Box Left	40
	Bounding Box Right	217
	Bounding Box Top	20
	Bounding Box Bottom	41
	Text	Revision History
	Text Location X-Coordinate	40
	Text Location Y-Coordinate	20
	Font	@¸¢¨íÑˆÚ

Object	Property Name	Property Value
HuoHongpeng	Name	I03277
	Location X-Coordinate	10
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	330
	Bounding Box Right	422
	Bounding Box Top	180
	Bounding Box Bottom	193
	Text	HuoHongpeng
	Text Location X-Coordinate	330
	Text Location Y-Coordinate	180
	Font	Courier New

Object	Property Name	Property Value
2024/11/15	Name	I03285
	Location X-Coordinate	-10
	Location Y-Coordinate	0
	Color	Default
	Bounding Box Left	210
	Bounding Box Right	294
	Bounding Box Top	180
	Bounding Box Bottom	193
	Text	2024/11/15
	Text Location X-Coordinate	210
	Text Location Y-Coordinate	180
	Font	Courier New

Object	Property Name	Property Value
Initial Release	Name	I215499
	Location X-Coordinate	450
	Location Y-Coordinate	180
	Color	Default
	Bounding Box Left	450
	Bounding Box Right	574
	Bounding Box Top	180
	Bounding Box Bottom	193
	Text	Initial Release
	Text Location X-Coordinate	450
	Text Location Y-Coordinate	180
	Font	Courier New

Object	Property Name	Property Value
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	Page Count	10
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	Design Modify Time	08:07:15
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	Schematic Create Date	Tuesday, November 05, 2024
	Schematic Modify Date	Monday, December 16, 2024
	Schematic Create Time	11:19:10
	Schematic Modify Time	08:07:16
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	Page Size	A4
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	Page Modify Date	Monday, December 16, 2024
	Page Create Time	16:09:01
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