Object	Property Name	Property Value
	Name	100025
	Left	50
	Тор	60
Rectangle	Right	190
	Bottom	930
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	100033
	Left	320
	Тор	60
Rectangle	Right	560
	Bottom	330
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	100069
	Left	690
	Тор	530
Rectangle	Right	720
	Bottom	730
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	100095
	Left	70
	Тор	610
Rectangle	Right	150
	Bottom	640
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	100115
	Left	70
	Тор	550
Rectangle	Right	150
	Bottom	580
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	100131
	Left	60
Rectangle	Тор	150
	Right	140
	Bottom	180
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	100147
	Left	60
	Тор	90
Rectangle	Right	140
	Bottom	120
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	100171
	Left	70
	Тор	490
Rectangle	Right	150
	Bottom	520
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	100187
	Left	70
	Тор	430
Rectangle	Right	150
	Bottom	460
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	100199
	Left	340
	Тор	90
Rectangle	Right	420
	Bottom	130
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	100223
	Left	340
	Тор	180
Rectangle	Right	420
	Bottom	220
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	100239
	Left	340
	Тор	270
Rectangle	Right	420
	Bottom	310
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	100241
	Start X-Coordinate	140
Line	Start Y-Coordinate	90
	End X-Coordinate	340
	End Y-Coordinate	90

Object	Property Name	Property Value
Line	Name	100243
	Start X-Coordinate	340
	Start Y-Coordinate	120
	End X-Coordinate	250
	End Y-Coordinate	120

Object	Property Name	Property Value
Line	Name	100247
	Start X-Coordinate	250
	Start Y-Coordinate	150
	End X-Coordinate	140
	End Y-Coordinate	150

Object	Property Name	Property Value
Line	Name	100251
	Start X-Coordinate	250
	Start Y-Coordinate	120
	End X-Coordinate	250
	End Y-Coordinate	150

Object	Property Name	Property Value
Line	Name	100255
	Start X-Coordinate	420
	Start Y-Coordinate	110
	End X-Coordinate	460
	End Y-Coordinate	110

Object	Property Name	Property Value
Line	Name	100257
	Start X-Coordinate	460
	Start Y-Coordinate	110
	End X-Coordinate	460
	End Y-Coordinate	200

Object	Property Name	Property Value
Line	Name	100259
	Start X-Coordinate	460
	Start Y-Coordinate	200
	End X-Coordinate	420
	End Y-Coordinate	200

Object	Property Name	Property Value	
Line	Name	100261	
	Start X-Coordinate	380	
	Start Y-Coordinate	220	
	End X-Coordinate	380	
	End Y-Coordinate	270	

Object	Property Name	Property Value
	Name	100285
	Left	600
Rectangle	Тор	480
	Right	890
	Bottom	790
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	100301
	Left	740
	Тор	590
Rectangle	Right	820
	Bottom	630
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	100404
	Left	70
Rectangle	Тор	670
	Right	150
	Bottom	710
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	1828331
	Left	630
	Тор	530
Rectangle	Right	660
	Bottom	730
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
-	Name	100051
	Bounding Box Left	320
	Bounding Box Right	455
PAGE3 - POWER	Bounding Box Top	40
	Bounding Box Bottom	56
	Text	PAGE3 - POWER
	Text Location X-Coordinate	320
	Text Location Y-Coordinate	40
	Font	Courier New

Object	Property Name	Property Value
	Name	100059
	Bounding Box Left	40
	Bounding Box Right	215
PAGE2 - Connector	Bounding Box Top	40
	Bounding Box Bottom	56
	Text	PAGE2 - Connector
	Text Location X-Coordinate	40
	Text Location Y-Coordinate	40
	Font	Courier New

Object	Property Name	Property Value
	Name	100087
	Bounding Box Left	700
	Bounding Box Right	716
	Bounding Box Top	560
	Bounding Box Bottom	675
	Text	ARDUINO UNO
	Text Location X-Coordinate	700
	Text Location Y-Coordinate	560
	Font	Courier New

Object	Property Name	Property Value	
	Name	100103	
	Bounding Box Left	70	
	Bounding Box Right	155	
Solenoid	Bounding Box Top	590	
	Bounding Box Bottom	606	
	Text	Solenoid	
	Text Location X-Coordinate	70	
	Text Location Y-Coordinate	590	
	Font	Courier New	

Object	Property Name	Property Value
	Name	100121
	Bounding Box Left	60
	Bounding Box Right	165
SWITCH-END	Bounding Box Top	530
	Bounding Box Bottom	546
	Text	SWITCH-END
	Text Location X-Coordinate	60
	Text Location Y-Coordinate	530
	Font	Courier New

Object	Property Name	Property Value
	Name	100137
	Bounding Box Left	60
	Bounding Box Right	135
Battery	Bounding Box Top	130
	Bounding Box Bottom	146
	Text	Battery
	Text Location X-Coordinate	60
	Text Location Y-Coordinate	130
	Font	Courier New

Object	Property Name	Property Value
	Name	100153
	Bounding Box Left	70
	Bounding Box Right	125
POWER	Bounding Box Top	70
	Bounding Box Bottom	86
	Text	POWER
	Text Location X-Coordinate	70
	Text Location Y-Coordinate	70
	Font	Courier New

Object	Property Name	Property Value
	Name	100165
	Bounding Box Left	70
	Bounding Box Right	155
Pressure	Bounding Box Top	470
	Bounding Box Bottom	486
	Text	Pressure
	Text Location X-Coordinate	70
	Text Location Y-Coordinate	470
	Font	Courier New

Object	Property Name	Property Value
	Name	100181
	Bounding Box Left	60
	Bounding Box Right	205
	Bounding Box Top	410
Pulse-Oxymeter	Bounding Box Bottom	426
	Text	Pulse-Oxymeter
	Text Location X-Coordinate	60
	Text Location Y-Coordinate	410
	Font	Courier New

Object	Property Name	Property Value
	Name	100207
	Bounding Box Left	340
	Bounding Box Right	415
Charger	Bounding Box Top	70
	Bounding Box Bottom	86
	Text	Charger
	Text Location X-Coordinate	340
	Text Location Y-Coordinate	70
	Font	Courier New

Object	Property Name	Property Value
	Name	100217
	Bounding Box Left	340
	Bounding Box Right	435
Regulator	Bounding Box Top	160
	Bounding Box Bottom	176
	Text	Regulator
	Text Location X-Coordinate	340
	Text Location Y-Coordinate	160
	Font	Courier New

Object	Property Name	Property Value	
	Name	100233	
	Bounding Box Left	340	
	Bounding Box Right	435	
	Bounding Box Top	250	
Regulator	Bounding Box Bottom	266	
	Text	Regulator	
	Text Location X-Coordinate	340	
	Text Location Y-Coordinate	250	
	Font	Courier New	

Object	Property Name	Property Value
	Name	100279
	Bounding Box Left	650
	Bounding Box Right	805
	Bounding Box Top	340
PAGE5 - Sensors	Bounding Box Bottom	356
	Text	PAGE5 - Sensors
	Text Location X-Coordinate	650
	Text Location Y-Coordinate	340
	Font	Courier New

Object	Property Name	Property Value
	Name	100295
	Bounding Box Left	740
	Bounding Box Right	775
	Bounding Box Top	570
MCU	Bounding Box Bottom	586
	Text	MCU
	Text Location X-Coordinate	740
	Text Location Y-Coordinate	570
	Font	Courier New

Object	Property Name	Property Value
	Name	100339
	Bounding Box Left	360
	Bounding Box Right	377
	Bounding Box Top	200
SMT	Bounding Box Bottom	209
	Text	SMT
	Text Location X-Coordinate	360
	Text Location Y-Coordinate	200
	Font	Courier New

Object	Property Name	Property Value
	Name	100341
	Bounding Box Left	360
	Bounding Box Right	392
	Bounding Box Top	290
SMT/TH	Bounding Box Bottom	299
	Text	SMT/TH
	Text Location X-Coordinate	360
	Text Location Y-Coordinate	290
	Font	Courier New

Object	Property Name	Property Value	
	Name	100343	
	Bounding Box Left	360	
SMT/TH	Bounding Box Right	392	
	Bounding Box Top	100	
	Bounding Box Bottom	109	
	Text	SMT/TH	
	Text Location X-Coordinate	360	
	Text Location Y-Coordinate	100	
	Font	Courier New	

Object	Property Name	Property Value	
	Name	100398	
	Bounding Box Left	70	
	Bounding Box Right	135	
	Bounding Box Top	710	
Travel	Bounding Box Bottom	726	
	Text	Travel	
	Text Location X-Coordinate	70	
	Text Location Y-Coordinate	710	
	Font	Courier New	

Object	Property Name	Property Value
	Name	I828055
	Bounding Box Left	500
	Bounding Box Right	1005
	Bounding Box Top	800
MCU rebundancy for supply chain only one installed	Bounding Box Bottom	816
	Text	MCU rebundancy for supply chain only one installed
	Text Location X-Coordinate	500
	Text Location Y-Coordinate	800
	Font	Courier New

Object	Property Name	Property Value
	Name	1828325
	Bounding Box Left	640
	Bounding Box Right	656
	Bounding Box Top	560
ARDUINO Nano	Bounding Box Bottom	685
	Text	ARDUINO Nano
	Text Location X-Coordinate	640
	Text Location Y-Coordinate	560
	Font	Courier New

Object	Property Name	Property Value]
	Path Name	TitleBlock0	1
	Schematic Path	1]
	ID	2]
	Document	Module view]
	OrgAddr4]
	OrgAddr3]
	OrgAddr2]
	OrgAddr1]
	OrgName	Dapem]
	Cage Code]
	RevCode	1.0]
	Title	Control Ventilator]
	Name	TitleBlock0]
	Design Name	FLEX-VENTILATOR-CONTROL	
	Design File Name	D:\DEPOTS_DAPEM\ADHOC_INVENTORS\ELECTR	ONIC\SCHEMATIC\FL
	Design Create Date	Saturday, March 21, 2020]
	Design Modify Date	Monday, March 30, 2020]
	Design Create Time	21:10:25	
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	Schematic Name	SCHEMATIC1	
	Schematic Create Date	Saturday, March 21, 2020	
	Schematic Modify Date	Friday, March 27, 2020	
	Schematic Create Time	21:10:26	
	Schematic Modify Time	22:01:22]
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	Source Symbol	TitleBlock0	_
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Object	Property Name	Property Value
	Name	1800305
	Left	60
	Тор	500
Rectangle	Right	520
	Bottom	920
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	1800395
	Left	570
Rectangle	Тор	500
	Right	1030
	Bottom	920
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	1829733
	Left	330
Rectangle	Тор	20
	Right	780
	Bottom	210
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	1829749
	Left	1110
Rectangle	Тор	480
	Right	1440
	Bottom	750
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	1830078
	Left	310
	Тор	250
Rectangle	Right	760
	Bottom	440
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	1830211
	Left	790
	Тор	10
Rectangle	Right	1150
	Bottom	270
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	1830272
	Left	800
Rectangle	Тор	320
	Right	1090
	Bottom	440
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	1830525
	Left	1170
Rectangle	Тор	20
	Right	1460
	Bottom	170
	Fill Style	Hollow Fill
		Hatch Style

Object	Property Name	Property Value
	Name	1830541
	Left	1160
Rectangle	Тор	240
	Right	1450
	Bottom	410
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	1800307
	Bounding Box Left	60
	Bounding Box Right	185
	Bounding Box Top	480
Arduino Nano	Bounding Box Bottom	496
	Text	Arduino Nano
	Text Location X-Coordinate	60
	Text Location Y-Coordinate	480
	Font	Courier New

Object	Property Name	Property Value	
	Name	1800389	
	Bounding Box Left	570	
	Bounding Box Right	685	
Arduino STD	Bounding Box Top	480	
	Bounding Box Bottom	496	
	Text	Arduino STD	
	Text Location X-Coordinate	570	
	Text Location Y-Coordinate	480	
	Font	Courier New	,

Object	Property Name	Property Value
	Name	1829741
	Bounding Box Left	250
	Bounding Box Right	755
	Bounding Box Top	210
Analog Input need to add amp-op for scaling signal	Bounding Box Bottom	226
	Text	Analog Input need to add amp-op for scaling signal
	Text Location X-Coordinate	250
	Text Location Y-Coordinate	210
	Font	Courier New

Object	Property Name	Property Value
	Name	1829757
	Bounding Box Left	1150
	Bounding Box Right	1335
	Bounding Box Top	760
Switch to activate air valve	Bounding Box Bottom	792
	Text	Switch to activate air valve
	Text Location X-Coordinate	1150
	Text Location Y-Coordinate	760
	Font	Courier New

Object	Property Name	Property Value
	Name	1830072
	Bounding Box Left	310
	Bounding Box Right	715
Ports for Mesuring where the piston is. Start point and	Bounding Box Top	440
	Travel Bounding Box Bottom	472
	Text	Ports for Mesuring where the piston is. Start point and Tra
	Text Location X-Coordinate	310
	Text Location Y-Coordinate	440
	Font	Courier New

Object	Property Name	Property Value	
	Name	I830219	
	Bounding Box Left	800	
	Bounding Box Right	1125	
Common I2C port for pressure sensor(BME280) and R	Bounding Box Top	280	
	ulseOximeter Bounding Box Bottom	312	
	Text	Common I2C port for pressure sensor(BME280) and I	ulseOximeter
	Text Location X-Coordinate	800	
	Text Location Y-Coordinate	280	
	Font	Courier New	

Object	Property Name	Property Value
	Name	1830282
	Bounding Box Left	800
Port for Alarm signal either a piezo or speaker	Bounding Box Right	1115
	Bounding Box Top	440
	Bounding Box Bottom	472
	Text	Port for Alarm signal either a piezo or speaker
	Text Location X-Coordinate	800
	Text Location Y-Coordinate	440
	Font	Courier New

Object	Property Name	Property Value
	Name	I830519
	Bounding Box Left	1170
	Bounding Box Right	1475
Communication port to connect any UART device	Bounding Box Top	180
	Bounding Box Bottom	212
	Text	Communication port to connect any UART device
	Text Location X-Coordinate	1170
	Text Location Y-Coordinate	180
	Font	Courier New

Object	Property Name	Property Value	
_	Name	1830535	
	Bounding Box Left	1160	
	Bounding Box Right	1345	
Optionnal SPI port	Bounding Box Top	420	
	Bounding Box Bottom	436	
	Text	Optionnal SPI port	
	Text Location X-Coordinate	1160	
	Text Location Y-Coordinate	420	
	Font	Courier New	

Ohioat	Duamanto Nasco	Duamantis Valiria
Object GND_POWER: GND_POWER (Wire ID = 801430)	Property Name	Property Value
	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 801432)	Name	GND_POWER
	Nume	SIND_I SWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 801478)	Name	GND_POWER
	•	
		_ <u>_</u>
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 801480)	Name	GND_POWER
Obligat	I Burnanta Nama	Down anti- Walter
Object 3V3-AR : 3V3-AR (Wire ID = 801684)	Property Name	Property Value
	Name	3V3-AR
Object	Property Name	Property Value
3V3-AR : 3V3-AR (Wire ID = 801686)	Name	3V3-AR
	Name	OVO-AIX
Object	Property Name	Property Value
AREF : AREF (Wire ID = 801699)	Name	AREF
Object	Property Name	Property Value
AREF : AREF (Wire ID = 801701)	Name	AREF
	1	15
Object 5V-AR: 5V-AR (Wire ID = 801708)	Property Name	Property Value
07 / IC (VIII 0 IB = 001700)	Name	5V-AR
Object	Property Name	Property Value
VIN : VIN (Wire ID = 802368)	Name	VIN
		1
Object	Property Name	Property Value
VIN : VIN (Wire ID = 802372)	Name	VIN
Object	Property Name	Property Value
D3_PD3 : D3_PD3 (Wire ID = 803048)	Name	D3_PD3
Object	Dramarty Name	Dramarty Value
Object D2_PD2 : D2_PD2 (Wire ID = 803050)	Property Name	Property Value
(1.2 33333)	Name	D2_PD2
Object	Property Name	Property Value
/RESET_PC6 : /RESET_PC6 (Wire ID = 803052)	Name	/RESET_PC6
		202.2.00
Object	Property Name	Property Value
RX_PD1 : RX_PD1 (Wire ID = 803054)	Name	RX_PD1

Object	Bronorfy Nama	Proporty Volus
Object TX_PD0 : TX_PD0 (Wire ID = 803056)	Property Name Name	Property Value TX_PD0
· · · · · · · · · · · · · · · · · · ·	пать	IA_FD0
Object	Property Name	Property Value
D5_PD5_T1 : D5_PD5_T1 (Wire ID = 803058)	Name	D5_PD5_T1
	-	•
Object D4_PD4_T0 : D4_PD4_T0 (Wire ID = 803060)	Property Name	Property Value
D4_FD4_10 . D4_FD4_10 (Wile ID = 003000)	Name	D4_PD4_T0
Object	Property Name	Property Value
D7_PD7 : D7_PD7 (Wire ID = 803062)	Name	D7_PD7
Object	Property Name	Property Value
D6_PD6 : D6_PD6 (Wire ID = 803064)	Name	D6_PD6
Object	Property Name	Property Value
D9_PB1 : D9_PB1 (Wire ID = 803066)	Name	D9_PB1
	Name	D0_1 D1
Object	Property Name	Property Value
D8_PB0 : D8_PB0 (Wire ID = 803068)	Name	D8_PB0
Ohioat	I Duamanto Nama	Draw auto Value
Object D11_PB3_MOSI : D11_PB3_MOSI (Wire ID = 803070)	Property Name	Property Value
	⁾ Name	D11_PB3_MOSI
Object	Property Name	Property Value
D10_PB2_SS : D10_PB2_SS (Wire ID = 803072)	Name	D10_PB2_SS
	•	•
	T =	
Object D12_PB4_MISO : D12_PB4_MISO (Wire ID = 803074	Property Name	Property Value
D12_1 D4_W100 : D12_1 D4_W100 (W110 ID = 000074	Name	D12_PB4_MISO
Object	Property Name	Property Value
PB5_D13_SCK : PB5_D13_SCK (Wire ID = 803271)	Name	PB5_D13_SCK
	-	•
Object A0_PC0_D14 : A0_PC0_D14 (Wire ID = 803273)	Property Name	Property Value
AU_F CU_D14 . AU_FCU_D14 (Wile ID = 8032/3)	Name	A0_PC0_D14
Object	Property Name	Property Value
A1_PC1_D15 : A1_PC1_D15 (Wire ID = 803275)	Name	A1_PC1_D15
Object	Property Name	Property Value
A2_PC2_D16 : A2_PC2_D16 (Wire ID = 803277)	Name	A2_PC2_D16
Ohioat	I Duamanto Nama	Duamanti Valua
Object A3_PC3_D17: A3_PC3_D17 (Wire ID = 803279)	Property Name	Property Value
	Name	A3_PC3_D17

Ohiost	Duran anti- Mana	Duamantu Valua
Object A4_PC4_D18_SDA : A4_PC4_D18_SDA (Wire ID = 8	Property Name	Property Value
	ivarire	A4_PC4_D18_SDA
Object	Property Name	Property Value
A5_PC5_D19_SCL : A5_PC5_D19_SCL (Wire ID = 8	3283) Name	A5_PC5_D19_SCL
,	•	
Object	Property Name	Property Value
A6_D20 : A6_D20 (Wire ID = 803285)	Name	A6_D20
Ohiost	Draw auto Nama	Dramanti Valica
Object A7_D21 : A7_D21 (Wire ID = 803287)	Property Name	Property Value
, ,	Name	A7_D21
Object	Property Name	Property Value
PC6_RESET : PC6_RESET (Wire ID = 803289)	Name	PC6_RESET
Object Object	Property Name	Property Value
IOREF : IOREF (Wire ID = 803435)	Name	IOREF
Ohioat	Duamante Nama	Dramanti Valica
Object OREF: IOREF (Wire ID = 803461)	Property Name Name	Property Value
	Name	IONLI
Object	Property Name	Property Value
3V3-AR : 3V3-AR (Wire ID = 803536)	Name	3V3-AR
Object	Property Name	Property Value
3V3-AR : 3V3-AR (Wire ID = 803540)	Name	3V3-AR
Object	Property Name	Property Value
5V-AR : 5V-AR (Wire ID = 803584)	Name	5V-AR
Object	Property Name	Property Value
VIN : VIN (Wire ID = 803682)	Name	VIN
Oltra	I Burn auto Name	Discounts Value
Object VIN: VIN (Wire ID = 803686)	Property Name	Property Value
	Name	VIN
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 803759)	Name	GND_POWER
	•	· -
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 803761)	Name	GND_POWER
	la	<u> </u>
Object GND_POWER: GND_POWER (Wire ID = 803813)	Property Name	Property Value
2.12 3.12.(. 3.12 3.12.(Name	GND_POWER

Object	Proporty Nama	Proporty Value
Object GND_POWER : GND_POWER (Wire ID = 803817)	Property Name	Property Value GND_POWER
, ,	IVALITIES	GND_FOWLIK
Object	Property Name	Property Value
A0_PC0_D14 : A0_PC0_D14 (Wire ID = 803962)	Name	A0_PC0_D14
	-	•
Object	Property Name	Property Value
A1_PC1_D15 : A1_PC1_D15 (Wire ID = 803964)	Name	A1_PC1_D15
Object	Property Name	Property Value
A2_PC2_D16 : A2_PC2_D16 (Wire ID = 803966)	Name	A2_PC2_D16
	remo	A2_1 G2_010
Object	Property Name	Property Value
A3_PC3_D17 : A3_PC3_D17 (Wire ID = 803968)	Name	A3_PC3_D17
	In	15
Object A4_PC4_D18_SDA: A4_PC4_D18_SDA (Wire ID = 8	Property Name	Property Value
32 .0_05 04_0 10_06 (Will ID = 0	03970) Name	A4_PC4_D18_SDA
Object	Property Name	Property Value
A5_PC5_D19_SCL : A5_PC5_D19_SCL (Wire ID = 8	³⁹ Name	A5_PC5_D19_SCL
	•	
Object	Property Name	Property Value
AREF : AREF (Wire ID = 804026)	Name	AREF
Ohioot	Dranarty Name	Dramarty Value
Object GND_POWER : GND_POWER (Wire ID = 804092)	Property Name	Property Value GND POWER
	Name	GND_FOWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 804214)	Name	GND_POWER
	15	15
Object GND_POWER : GND_POWER (Wire ID = 805121)	Property Name	Property Value
2.12_3 3112.1. 3.18_1 3112.1 (VIII 8 18 = 000121)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 805123)	Name	GND_POWER
	•	•
Object 2/2 (Wire ID = 805340.)	Property Name	Property Value
3V3 : 3V3 (Wire ID = 805240)	Name	3V3
Object	Property Name	Property Value
Object 3V3 : 3V3 (Wire ID = 805242)	Property Name	Property Value
<u> </u>	IVALITO	000
Object	Property Name	Property Value
5V : 5V (Wire ID = 805268)	Name	5V

Object	Dranarty Name	Dramarty Value
Object 5V: 5V (Wire ID = 805270)	Property Name	Property Value
, , , , , , , , , , , , , , , , , , , ,	Name	5V
Object	Property Name	Property Value
A4_PC4_D18_SDA : A4_PC4_D18_SDA (Wire ID = 8	05283) Name	A4_PC4_D18_SDA
Object	Property Name	Property Value
A5_PC5_D19_SCL : A5_PC5_D19_SCL (Wire ID = 8	05289) Name	A5_PC5_D19_SCL
Object	Property Name	Property Value
5V : 5V (Wire ID = 805422)	Name	5V
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 805426)	Name	3V3
Object	Proporty Namo	Property Value
3V3 : 3V3 (Wire ID = 805430)	Property Name	3V3
· · · · · · · · · · · · · · · · · · ·	Name	3V3
Object	Property Name	Property Value
5V : 5V (Wire ID = 805434)	Name	5V
Object	Property Name	Property Value
A4_PC4_D18_SDA : A4_PC4_D18_SDA (Wire ID = 8	05 <u>446</u>) Name	A4_PC4_D18_SDA
	-	
	1	1-
Object A5_PC5_D19_SCL : A5_PC5_D19_SCL (Wire ID = 8	Property Name	Property Value
A3_1 C3_B13_C0E : A3_1 C3_B13_C0E (Wile ID = 0	05-158 Me	A5_PC5_D19_SCL
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 805462)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 805466)	Name	GND_POWER
Object	Property Name	Property Value
5V : 5V (Wire ID = 805891)	Name	5V
	•	-
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 805895)	Name	3V3
Object	Property Name	Property Value
Object 3V3: 3V3 (Wire ID = 805899)	Property Name	Property Value
, , , , , , , , , , , , , , , , , , , ,	Name	
Object	Property Name	Property Value
5V : 5V (Wire ID = 805903)	Name	5V

Ohioot	Bronorty Nama	Proporty Volus
Object AI_FOR_T1 : AI_FOR_T1 (Wire ID = 805915)	Property Name Name	Property Value AI_FOR_T1
<u> </u>	Name	ALI ON_11
Object	Property Name	Property Value
D5_PD5_T1 : D5_PD5_T1 (Wire ID = 805927)	Name	D5_PD5_T1
	-	-
	T	T-
Object GND_POWER: GND_POWER (Wire ID = 805931)	Property Name	Property Value
GND_FOWER : GND_FOWER (Wile ID = 003931)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 805935)	Name	GND_POWER
Object	Property Name	Property Value
5V : 5V (Wire ID = 806529)	Name	5V
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 806533)	Name	3V3
<u> </u>	Hallo	1 000
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 806537)	Name	3V3
Ohioat	I Duamanto Nama	Duamanti, Value
Object 5V : 5V (Wire ID = 806541)	Property Name	Property Value
· · · · · · · · · · · · · · · · ·	Name	5V
Object	Property Name	Property Value
RX_PD1 : RX_PD1 (Wire ID = 806553)	Name	RX_PD1
	•	•
	T =	T-
Object TX_PD0 : TX_PD0 (Wire ID = 806565)	Property Name	Property Value
(1.10 to 1.10 to (1.110 to 1.20 = 0.00000)	Name	TX_PD0
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 806569)	Name	GND_POWER
	-	
	T =	T=
Object GND_POWER: GND_POWER (Wire ID = 806573)	Property Name	Property Value
SIND_I OWER. GIAD_I OWER (WITE ID = 0003/3)	Name	GND_POWER
Object	Property Name	Property Value
5V : 5V (Wire ID = 807012)	Name	5V
,	•	•
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 807016)	Name	3V3
Object	Dranauty Nama	Dranariy Value
Object 3V3: 3V3 (Wire ID = 807020)	Property Name	Property Value
, , , , , , , , , , , , , , , , , , , ,	Name	3V3

Object	Property Name	Property Value
Object 5V : 5V (Wire ID = 807024)	Name	5V
		1
Object	I Barranta Nama	I December Walter
Object GND_POWER : GND_POWER (Wire ID = 807085)	Property Name	Property Value
GND_1 GWEN . GND_1 GWEN (WHE ID = 007003)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 807089)	Name	GND_POWER
Object	Property Name	Property Value
D8_PB0 : D8_PB0 (Wire ID = 807184)	Name	D8_PB0
Object	Droporty Nama	Proporty Value
Object A4_PC4_D18_SDA : A4_PC4_D18_SDA (Wire ID = 8	Property Name	Property Value
	ivaine	A4_PC4_D18_SDA
Object	Property Name	Property Value
A5_PC5_D19_SCL : A5_PC5_D19_SCL (Wire ID = 8		A5_PC5_D19_SCL
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 808315)	Name	3V3
Object	Proporty Namo	Proporty Value
Object 3V3:3V3 (Wire ID = 808341)	Property Name	Property Value
<u> </u>	Name	373
Object	Property Name	Property Value
V_SUPPLY : V_SUPPLY (Wire ID = 811976)	Name	V_SUPPLY
Object	Property Name	Property Value
V_SUPPLY: V_SUPPLY (Wire ID = 811996)	Name	V_SUPPLY
		•
Ohioat	Duanantii Nassa	Duamanta Valera
Object GND_POWER: GND_POWER (Wire ID = 812000)	Property Name	Property Value
	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 812004)	Name	GND_POWER
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 812036)	Name	BAT+
	•	•
		To a war
Object BAT+: BAT+ (Wire ID = 812040)	Property Name	Property Value
DATE (MILE ID = 012040)	Name	BAT+
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 812044)	Name	GND_POWER
	-	

Object	Bronorty Namo	Proporty Value
Object GND_POWER: GND_POWER (Wire ID = 812048)	Property Name Name	Property Value GND_POWER
<u> </u>	INGINO	I GIAD_FOWLIK
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 812267)	Name	BAT+
	T	15
Object BAT+: BAT+ (Wire ID = 812287)	Property Name	Property Value
2 (Name	BAT+
Object	Property Name	Property Value
N812291 : N812291 (Wire ID = 812291)	Name	N812291
Object N812291 : N812291 (Wire ID = 812295)	Property Name	Property Value
N812291: N812291 (WHE ID = 812295)	Name	N812291
Object	Property Name	Property Value
N812291 : N812291 (Wire ID = 812567)	Name	N812291
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 812677)	Name	GND_POWER
Object	Dramarty Nama	Dramarty Value
Object A3_PC3_D17 : A3_PC3_D17 (Wire ID = 812783)	Property Name	Property Value A3_PC3_D17
, , , , , , , , , , , , , , , , , , , ,	Name	A3_FC3_D17
Object	Property Name	Property Value
5V : 5V (Wire ID = 817711)	Name	5V
Obligat	I Duran antic Manage	Down auto Valor
Object 3V3: 3V3 (Wire ID = 817715)	Property Name	Property Value
, ,	Name	3V3
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 817719)	Name	3V3
	l s	15
Object 5V:5V (Wire ID = 817723)	Property Name	Property Value
57.57 (MIG ID = 517/25)	Name	5V
Object	Property Name	Property Value
D2_PD2 : D2_PD2 (Wire ID = 817735)	Name	D2_PD2
		·
	<u></u>	
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 817751)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 817755)	Name	GND_POWER
		3.02. 3.12.

Object	Property Name	Property Value
5V : 5V (Wire ID = 817962)	Name	5V
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 817966)	Name	3V3
	- Name	
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 817970)	Name	3V3
Object	Property Name	Property Value
5V : 5V (Wire ID = 817974)	Name	5V
Object	Property Name	Property Value
A2_PC2_D16 : A2_PC2_D16 (Wire ID = 817986)	Name	A2_PC2_D16
	- No.	7.2.5 02.5 10
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 818002)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 818006)	Name	GND_POWER
Object	Property Name	Property Value
SPEAKER_OUT : SPEAKER_OUT (Wire ID = 818772	Name	SPEAKER_OUT
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 818831)	Name	GND_POWER
Object Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 818833)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 828133)	Name	GND_POWER
Object	Property Name	Property Value
A3_PC3_D17 : A3_PC3_D17 (Wire ID = 828180)	Name	A3_PC3_D17
Object	Property Name	Property Value
A3_PC3_D17 : A3_PC3_D17 (Wire ID = 828182)	Name	A3_PC3_D17
Object	Property Name	Property Value
5V : 5V (Wire ID = 829263)	Name	5V
Object	Property Name	Property Value
3V3: 3V3 (Wire ID = 829267)	Name	3V3

I Property Name	Property Value
Property Name	3V3
Namo	010
Property Name	Property Value
Name	5V
Property Name	Property Value
	A0_PC0_D14
Namo	710_1 00_214
I Burnanta Nama	Down and a Walter
	Property Value
Name	GND_POWER
Property Name	Property Value
Name	GND_POWER
Property Name	Property Value
Name	D2_PD2
•	
Proporty Namo	Property Value
	GND POWER
	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	GND_POWER
Godice Cymbol	GND_I GWEN
_	
	Property Value
	GND_POWER
·	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
Source Symbol	GND_POWER
Property Name	Property Value
Name	5V-AR
Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
Source Symbol	VCC_BAR
Property Name	Property Value
Name	3V3-AR
Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
Source Symbol	VCC_BAR
Property Name	Property Value
Name	AREF
Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
Source Symbol	VCC_BAR
Property Name	Property Value
Property Name	Property Value
Property Name Name Source Library	Property Value VIN C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Property Name Name Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol

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	Source Symbol	VCC BAR	
	•		
Object	Property Name	Property Value	
	Name	3V3-AR	
3V3-AR	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE	RARY CAPSYM.OLB
	Source Symbol	VCC_BAR	
		·	
Object	Property Name	Property Value	
Object		5V-AR	_
5V-AR	Name Source Library		DADY CARCYM OLD
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE	CAPSTIVI.OLB
	Source Symbol	VCC_BAR	
Object	Property Name	Property Value	
	Name	GND_POWER	
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE	RARY CAPSYM.OLB
	Source Symbol	GND_POWER	
Object	Property Name	Property Value	
•	Name	VIN	
VIN	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE	RARYICAPSYM.OLB
		·	
	Source Symbol	I VCC BAR	
	Source Symbol	VCC_BAR	
	Source Symbol	VCC_BAR	
Object	Property Name	Property Value	
		Property Value AREF	
Object AREF	Property Name	Property Value	RARY CAPSYM.OLB
	Property Name Name	Property Value AREF	GRARY CAPSYM.OLB
	Property Name Name Source Library	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE	RARYICAPSYM.OLB
AREF	Property Name Name Source Library Source Symbol	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR	RARYICAPSYM.OLB
	Property Name Name Source Library Source Symbol Property Name	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value	RARYICAPSYM.OLB
AREF	Property Name Name Source Library Source Symbol Property Name Name	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value GND_POWER	
Object	Property Name Name Source Library Source Symbol Property Name	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value	
Object	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE	
Object GND_POWER	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER	
Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value GND_POWER Property Value	
Object GND_POWER Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name Name	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value GND_POWER Property Value GND_POWER	RARYICAPSYM.OLB
Object GND_POWER	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Library Name Name Source Library	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE	RARYICAPSYM.OLB
Object GND_POWER Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name Name	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value GND_POWER Property Value GND_POWER	RARYICAPSYM.OLB
Object GND_POWER Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Library Name Name Source Library	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER	RARYICAPSYM.OLB
Object GND_POWER Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Library Name Name Source Library	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value	RARYICAPSYM.OLB
Object Object GND_POWER Object GND_POWER	Property Name Name Source Library Source Symbol	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value 3V3	RARYICAPSYM.OLB
Object GND_POWER Object GND_POWER	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE	RARYICAPSYM.OLB
Object Object GND_POWER Object GND_POWER	Property Name Name Source Library Source Symbol	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value 3V3	RARYICAPSYM.OLB
Object Object GND_POWER Object GND_POWER	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE	RARYICAPSYM.OLB
Object Object GND_POWER Object GND_POWER	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE	RARYICAPSYM.OLB
Object GND_POWER Object GND_POWER Object 3V3 Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol Property Name Name Source Symbol	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value 3v3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR	RARYICAPSYM.OLB
Object GND_POWER Object GND_POWER Object 3v3	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol Property Name Name Source Symbol	Property Value AREF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE GND_POWER Property Value 3v3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIE VCC_BAR Property Value	RARYICAPSYM.OLB

Name

Object

Property Value

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	Name	5V
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
Object	Name	3V3
3V3	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	VCC_BAR
	States Cympo.	700_5/11.
	T5	15
Object	Property Name	Property Value
GND_POWER	Name	GND_POWER
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	GND_POWER
Object	Property Name	Property Value
	Name	5V
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	3V3
3V3	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
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	Source Symbol	VCC_BAR
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Property Name Name	Property Value GND_POWER
Object GND_POWER	Property Name Name Source Library	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY CAPSYM
	Property Name Name	Property Value GND_POWER
	Property Name Name Source Library	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY CAPSYM
	Property Name Name Source Library	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM GND_POWER Property Value
GND_POWER Object	Property Name Name Source Library Source Symbol Property Name Name	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM GND_POWER Property Value 5V
GND_POWER	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
GND_POWER Object	Property Name Name Source Library Source Symbol Property Name Name	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM GND_POWER Property Value 5V
GND_POWER Object	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
GND_POWER Object	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
Object Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM VCC_BAR Property Value 3V3
GND_POWER Object 5V	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\Cadence\spb_16.3\tools\capture\library\capsym GND_POWER Property Value 5V C:\Cadence\spb_16.3\tools\capture\library\capsym VCC_BAR Property Value 3V3 C:\Cadence\spb_16.3\tools\capture\library\capsym
Object Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name Name Name	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM VCC_BAR Property Value 3V3
Object Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\Cadence\spb_16.3\tools\capture\library\capsym GND_POWER Property Value 5V C:\Cadence\spb_16.3\tools\capture\library\capsym VCC_BAR Property Value 3V3 C:\Cadence\spb_16.3\tools\capture\library\capsym
Object 5V Object 3V3	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\Cadence\spb_16.3\tools\capture\library\capsym GND_POWER Property Value 5V C:\Cadence\spb_16.3\tools\capture\library\capsym VCC_BAR Property Value 3V3 C:\Cadence\spb_16.3\tools\capture\library\capsym
Object Object Object Object	Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM VCC_BAR Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM VCC_BAR
Object 5V Object 3V3	Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\Cadence\spb_16.3\tools\capture\library\capsym GND_POWER Property Value 5V C:\Cadence\spb_16.3\tools\capture\library\capsym VCC_BAR Property Value 3V3 C:\Cadence\spb_16.3\tools\capture\library\capsym VCC_BAR Property Value 3V3 C:\Cadence\spb_16.3\tools\capture\library\capsym VCC_BAR
Object Object Object Object	Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\Cadence\spb_16.3\tools\capture\library\capsym GND_POWER Property Value 5V C:\Cadence\spb_16.3\tools\capture\library\capsym VCC_BAR Property Value 3V3 C:\Cadence\spb_16.3\tools\capture\library\capsym VCC_BAR Property Value 3V3 C:\Cadence\spb_16.3\tools\capture\library\capsym VCC_BAR
Object Object Object Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Symbol	Property Value GND_POWER C:\Cadence\spb_16.3\tools\capture\library\capsym GND_POWER Property Value 5V C:\Cadence\spb_16.3\tools\capture\library\capsym VCC_BAR Property Value 3V3 C:\Cadence\spb_16.3\tools\capture\library\capsym VCC_BAR Property Value 3V3 C:\Cadence\spb_16.3\tools\capture\library\capsym VCC_BAR Property Value GND_POWER C:\Cadence\spb_16.3\tools\capture\library\capsym
Object Object 3v3 Object GND_POWER	Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM VCC_BAR Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM CAPSYM CCC_BAR
Object Object Object Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Symbol	Property Value GND_POWER C:\Cadence\spb_16.3\tools\capture\library\capsym GND_POWER Property Value 5V C:\Cadence\spb_16.3\tools\capture\library\capsym VCC_BAR Property Value 3V3 C:\Cadence\spb_16.3\tools\capture\library\capsym VCC_BAR Property Value 3V3 C:\Cadence\spb_16.3\tools\capture\library\capsym VCC_BAR Property Value GND_POWER C:\Cadence\spb_16.3\tools\capture\library\capsym
Object Object 3v3 Object GND_POWER	Property Name Name Source Library Source Symbol Property Name Name Source Symbol Property Name Name Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM VCC_BAR Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM CAPSYM CAPSYM CAPSYM CAPSYM GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM GND_POWER

Name

Property Value

	Source Library	C.ICADENCEISFB_10.5/100E5/CAFTOKE/EIBKAKT
	Source Symbol	VCC_BAR
	•	
Object	Property Name	Property Value
Object	Name	Property Value GND_POWER
GND_POWER		C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Library Source Symbol	
	Source Symbol	GND_POWER
Object	Property Name	Property Value
Object	Name	3V3
3V3	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	VCC_BAR
	Source Symbol	VOC_DAIN
Object	Property Name	Proporty Value
Object	Property Name	Property Value
3V3		C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OI
	Source Library Source Symbol	VCC_BAR
	Source Symbol	VCC_BAR
	T =	
Object	Property Name	Property Value
V_SUPPLY	Name	V_SUPPLY
V_0011E1	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
OUR ROWER	Name	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY
	Source Symbol	GND_POWER
Object	Property Name	Property Value
	Name	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
	Source Symbol	GND_POWER
Object		
Object	Property Name	Property Value
	Property Name Name	GND_POWER
GND_POWER	Name Source Library	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
	Name	GND_POWER
	Name Source Library	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
	Name Source Library Source Symbol Property Name	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O GND_POWER Property Value
GND_POWER Object	Name Source Library Source Symbol Property Name Name	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O\ GND_POWER Property Value 5V
GND_POWER	Name Source Library Source Symbol Property Name Name Source Library	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O\ GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O\
GND_POWER Object	Name Source Library Source Symbol Property Name Name	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O GND_POWER Property Value 5V
GND_POWER Object 5V	Name Source Library Source Symbol Property Name Name Source Library	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O VCC_BAR
GND_POWER Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OI GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OI VCC_BAR Property Value
Object Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL VCC_BAR Property Value 3V3
GND_POWER Object 5V	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL VCC_BAR Property Value

Name

Source Library

Property Value

C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB

3V3

Object

3V3

Object	Property Name	Property Value	
	Name	GND_POWER	
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLB
	Source Symbol	GND_POWER	
Object	Property Name	Property Value	
	Name	5V	
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\C	CAPSYM.OLB
	Source Symbol	VCC_BAR	
Object	Property Name	Property Value	
	Name	3V3	
3V3	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\C	CAPSYM.OLB
	Source Symbol	VCC_BAR	
Object	Property Name	Property Value	
	Name	GND_POWER	
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\C	CAPSYM.OLB
	Source Symbol	GND_POWER	
Object	Property Name	Property Value	
	Name	GND_POWER	
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\C	CAPSYM.OLB
	Source Symbol	GND_POWER	
	<u> </u>		
Ohioat	Branarty Nama	Property Volus	
Object	Property Name Name	Property Value GND_POWER	
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\C	APSVM OLB
	Source Symbol	GND_POWER	AF STWI.OLD
	esaics cymiss.	one, one	
Ohiost	Drawarty Nama	Dramarty Value	
Object	Property Name	Property Value BAT+	
BAT+	Name Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\C	CARCVM OLD
	Source Library Source Symbol	VCC BAR	APSTWI.ULD
	Source Symbol	VCC_BAIX	
Object	Property Name	Property Value	
BAT+	Name	BAT+	
DATE	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\C	CAPSYM.OLB
	Source Symbol	VCC_BAR	
Object	Property Name	Property Value	
EV.	Name	5V	
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\C	CAPSYM.OLB
	Source Symbol	VCC_BAR	
Object	Property Name	Property Value	
	Property Name Name	Property Value 3V3	
Object 3V3			CAPSYM.OLB

Object

Property Value

	Name	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	GND_POWER
Object	Property Name	Property Value
Object	Name	5V
5V		C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Library	
	Source Symbol	VCC_BAR
Obline	Down anti- Name	Door out - Value
Object	Property Name	Property Value
PB5_D13_SCK:	Name	PB5_D13_SCK
. 20_2 .0_0011.	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.0
	Source Symbol	OFFPAGELEFT-L
Obligat	I Brown and a Manua	Down out o Walter
Object	Property Name	Property Value
A0_PC0_D14 :	Name	A0_PC0_D14
A0_FC0_B14.	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
01.1.4	15	
Object	Property Name	Property Value
A1_PC1_D15 :	Name	A1_PC1_D15
AI_FCI_DIS.	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
	Course Cymbol	OTTTAGEETTE
	Course Cymbol	O
Object	Property Name	Property Value
	Property Name Name	Property Value A2_PC2_D16
Object A2_PC2_D16:	Property Name Name Source Library	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.6
	Property Name Name	Property Value A2_PC2_D16
A2_PC2_D16 :	Property Name Name Source Library Source Symbol	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L
	Property Name Name Source Library Source Symbol Property Name	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value
A2_PC2_D16 : Object	Property Name Name Source Library Source Symbol Property Name Name	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value PC6_RESET
A2_PC2_D16 :	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.(OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.(
A2_PC2_D16 : Object	Property Name Name Source Library Source Symbol Property Name Name	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value PC6_RESET
A2_PC2_D16: Object PC6_RESET:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L
A2_PC2_D16 : Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.(OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.(OFFPAGELEFT-L Property Value
A2_PC2_D16: Object PC6_RESET:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name Name	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D3_PD3
A2_PC2_D16: Object PC6_RESET:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Library Name Name Source Library	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.0 OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.0 OFFPAGELEFT-L Property Value D3_PD3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.0
A2_PC2_D16: Object PC6_RESET:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name Name	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D3_PD3
A2_PC2_D16: Object PC6_RESET: Object D3_PD3:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D3_PD3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L
A2_PC2_D16: Object PC6_RESET:	Property Name Name Source Library Source Symbol	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D3_PD3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D3_PD3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L
A2_PC2_D16: Object PC6_RESET: Object D3_PD3:	Property Name Name Source Library Source Symbol	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D3_PD3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D3_PD3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L
A2_PC2_D16: Object PC6_RESET: Object D3_PD3:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Library Source Library Source Library Source Library Name Name Source Library	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.0 OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.0 OFFPAGELEFT-L Property Value D3_PD3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.0 OFFPAGELEFT-L Property Value D3_PD3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.0 OFFPAGELEFT-L
A2_PC2_D16: Object PC6_RESET: Object D3_PD3:	Property Name Name Source Library Source Symbol	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D3_PD3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D3_PD3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L
A2_PC2_D16: Object PC6_RESET: Object D3_PD3: Object D2_PD2:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.(OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D3_PD3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D2_PD2 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.(OFFPAGELEFT-L
A2_PC2_D16: Object PC6_RESET: Object D3_PD3:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol Property Name Name Source Symbol Property Name Name Source Symbol	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D3_PD3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D2_PD2 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D2_PD2 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L
A2_PC2_D16: Object PC6_RESET: Object D3_PD3: Object D2_PD2:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name Name Name Name Name Name	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D3_PD3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D2_PD2 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D2_PD2 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L
A2_PC2_D16: Object PC6_RESET: Object D3_PD3: Object D2_PD2:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol Property Name Name Source Symbol Property Name Name Source Symbol	Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D3_PD3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D2_PD2 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value D2_PD2 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L

Name

Object

Property Value

GND_POWER

	Source Symbol	OFFPAGELEFT-L
or_r or .	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
D7_PD7 :	Name	D7_PD7
Object	Property Name	Property Value
	Source Symbol	OTT FAGLLEFT'L
-	Source Library Source Symbol	OFFPAGELEFT-L
D4_PD4_T0:	Name Source Library	D4_PD4_T0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
Object	Property Name	Property Value
Ohioat	Duemoute: Nove	Dramarky Value
	Source Symbol	OFFPAGELEFT-L
D5_PD5_T1:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Name	D5_PD5_T1
Object	Property Name	Property Value
	Source Symbol	O. C. Connection of the Connec
	Source Symbol	OFFPAGELEFT-L
A7_D21 :	Name Source Library	A7_D21 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
Object	Property Name	Property Value
Obline	I Brown M.	Burnanta Valia
	Source Symbol	OFFPAGELEFT-L
A6_D20 :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Name	A6_D20
Object	Property Name	Property Value
	Source Symbol	OFFPAGELEFT-L
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
A5_PC5_D19_SCL :	Name	A5_PC5_D19_SCL
Object	Property Name	Property Value
	T=	15 . W.
	Source Symbol	OFFPAGELEFT-L
A4_PC4_D18_SDA:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Name	A4_PC4_D18_SDA
Object	Property Name	Property Value
	Source Symbol	OFFPAGELEFT-L
30_5	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
A3_PC3_D17 :	Name	A3_PC3_D17
Object	Property Name	Property Value
	1	
	Source Symbol	OFFPAGELEFT-L
TX_PD0:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
Object	Name	TX_PD0
Object	Property Name	Property Value
	Source Symbol	OFFPAGELEFT-L
RX_PD1:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY CAPSYM.
	Name	RX_PD1

Object

Property Value

		0.0000000000000000000000000000000000000
D6_PD6:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY
	Source Symbol	OFFPAGELEFT-L
	· · · · · · · · · · · · · · · · · · ·	
Object	Property Name	Property Value
	Name	D9_PB1
D9_PB1:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY
	Source Symbol	OFFPAGELEFT-L
Object	I Book and a Norman	Donas anti- Value
Object	Property Name	Property Value D8_PB0
D8_PB0:	Name	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY
	Source Library	
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	D11_PB3_MOSI
D11_PB3_MOSI:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY
	Source Symbol	OFFPAGELEFT-L
	•	·
		T
Object	Property Name	Property Value
D10_PB2_SS:	Name Source Library	D10_PB2_SS C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\
D10_PB2_SS:	,	
D10_PB2_SS:	Source Symbol	OFFPAGELEFT-L
D10_PB2_SS:	,	
	Source Symbol	OFFPAGELEFT-L
D10_PB2_SS: Object	Source Symbol Property Name	OFFPAGELEFT-L Property Value
	Source Symbol Property Name Name	Property Value D12_PB4_MISO
Object	Property Name Name Source Library	Property Value D12_PB4_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY
Object	Source Symbol Property Name Name	Property Value D12_PB4_MISO
Object D12_PB4_MISO:	Property Name Name Source Library Source Symbol	Property Value D12_P84_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY OFFPAGELEFT-L
Object	Property Name Name Source Library Source Symbol Property Name	Property Value D12_PB4_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY OFFPAGELEFT-L Property Value
Object D12_PB4_MISO: Object	Property Name Name Source Library Source Symbol Property Name Name	Property Value D12_PB4_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY OFFPAGELEFT-L Property Value PB5_D13_SCK
Object D12_PB4_MISO: Object	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value D12_PB4_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY OFFPAGELEFT-L Property Value
Object D12_PB4_MISO:	Property Name Name Source Library Source Symbol Property Name Name	Property Value D12_PB4_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY OFFPAGELEFT-L Property Value PB5_D13_SCK
Object D12_PB4_MISO: Object	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value D12_PB4_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY
Object Object PB5_D13_SCK:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value D12_P84_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value P85_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L
Object D12_PB4_MISO: Object PB5_D13_SCK:	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value D12_PB4_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY
Object Object PB5_D13_SCK:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	Property Value D12_P84_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value P85_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value
Object D12_PB4_MISO: Object PB5_D13_SCK:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value D12_P84_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value P85_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value P85_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value D18_PC5_SCL
Object D12_PB4_MISO: Object PB5_D13_SCK:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	Property Value D12_P84_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value P85_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ CAPSY\C
Object D12_PB4_MISO: Object PB5_D13_SCK: Object D18_PC5_SCL:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	Property Value D12_P84_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value P85_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L
Object D12_PB4_MISO: Object PB5_D13_SCK: Object D18_PC5_SCL:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name Source Library Source Symbol	Property Value D12_P84_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value P85_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L
Object D12_PB4_MISO: Object PB5_D13_SCK: Object D18_PC5_SCL:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name Name Name Name Name Name	Property Value D12_P84_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value P85_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value PC6_RESET
Object D12_PB4_MISO: Object PB5_D13_SCK: Object D18_PC5_SCL:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Symbol	Property Value D12_P84_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value P85_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ CAPSY\CAPS
Object D12_PB4_MISO: Object PB5_D13_SCK: Object D18_PC5_SCL:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol Property Name Name Source Library Source Symbol	Property Value D12_P84_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value P85_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value PC6_RESET
Object D12_PB4_MISO: Object PB5_D13_SCK: Object D18_PC5_SCL:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Symbol	Property Value D12_P84_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value P85_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ CAPSY\CAPS
Object D12_PB4_MISO: Object PB5_D13_SCK: Object D18_PC5_SCL:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Symbol	Property Value D12_P84_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value P85_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ OFFPAGELEFT-L C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY\ CAPSY\CAPS
Object Object PB5_D13_SCK: Object D18_PC5_SCL: Object PC6_RESET:	Property Name Name Source Library Source Symbol	Property Value D12_PB4_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY OFFPAGELEFT-L OFFPAGELEFT-L
Object D12_PB4_MISO: Object PB5_D13_SCK: Object D18_PC5_SCL: Object PC6_RESET:	Property Name Name Source Library Source Symbol Property Name Name Source Symbol	Property Value D12_PB4_MISO C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY OFFPAGELEFT-L Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY OFFPAGELEFT-L Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSY OFFPAGELEFT-L

Name

Object

Property Value

D6_PD6

Object	Property Name	Property Value
NA POA PAS:	Name	A1_PC1_D15
A1_PC1_D15 :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	A2_PC2_D16
A2_PC2_D16 :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
01	15	15
Object	Property Name	Property Value
A3_PC3_D17 :	Name	A3_PC3_D17
A5_1 05_517 .	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	A4_PC4_D18_SDA
A4_PC4_D18_SDA:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	A5_PC5_D19_SCL
A5_PC5_D19_SCL :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
	Searce Symbol	G. T. T. G. C.
Ohioat	Duamantu Nama	Draw anti- Value
Object	Property Name	Property Value
D12_PB4_MISO:	Name Course Library	D12_PB4_MISO
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	D11_PB3_MOSI
D11_PB3_MOSI:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	D10_PB2_SS
D10_PB2_SS :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
- DJ001		D9 PB1
D9_PB1:	Name Source Library	·-
=	Source Library Source Symbol	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L
	Source dymbol	Or comment to
	T =	<u> </u>
Object	Property Name	Property Value
D8_PB0:	Name	D8_PB0
D6_PBU:		I C-(CADENICE/SDR 16 3/TOOLS/CADITIDE/LIBDADARCADSOAN
D8_PB0:	Source Library Source Symbol	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM. OFFPAGELEFT-L

D18_PC4_SDA: Object	Source Symbol Property Name	Property Value A4_PC4_D18_SDA
	· 	
	Source Symbol	OFFPAGELEFT-L
	Source Symbol	OFFPAGELEFT-L
	Course Library	S. S. DELIGE S. DELIGION FOR ELEBRATION OF WIN
Object	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Name	D18_PC4_SDA
Object	Property Name	Property Value
	Source Symbol	OFFPAGELEFT-L
DE_1 DE .	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
D2_PD2 :	Name	D2_PD2
Object	Property Name	Property Value
	F=	
<u> </u>		
	Source Symbol	OFFPAGELEFT-L
D3_PD3:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
-	Name	D3_PD3
Object	Property Name	Property Value
	Source Symbol	OFFFAGELEF I-L
-	Source Library Source Symbol	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L
D4_PD4_T0 :	Name Source Library	D4_PD4_T0
Object	Property Name	Property Value
Ohioat	Drawarts Name	Drawayty Valva
	Source Symbol	OFFPAGELEFT-L
D5_PD5_T1 :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Name	D5_PD5_T1
Object	Property Name	Property Value
	,	
	Source Symbol	OFFPAGELEFT-L
D6_PD6 :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
Object	Property Name Name	Property Value
Object	Proporty Namo	Proporty Value
	Source Symbol	OFFPAGELEFT-L
D7_PD7 :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY
D DD	Name	D7_PD7
Object	Property Name	Property Value
	Source Cymber	OTT TO DELET TE
	Source Symbol	OFFPAGELEFT-L
TX_PD0:	Name Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
Object	Property Name	Property Value TX_PD0
Ohioot	Bronorty Name	Bronorty Volus
	Source Symbol	OFFPAGELEFT-L
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
RX_PD1:	Name	RX_PD1
RX_PD1 :	Property Name	

	Source Symbol	OFFPAGELEFT-L
DITERBOLINION	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
D11_PB3_MOSI:	Name	D11_PB3_MOSI
Object	Property Name	Property Value
	T=	
	Source Symbol	OFFPAGELEFT-L
D12_PB4_MISO:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.0
	Name	D12_PB4_MISO
Object	Property Name	Property Value
	<u> </u>	
	Source Symbol	OFFPAGELEFT-L
PB5_D13_SCK:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.0
-	Name	PB5_D13_SCK
Object	Property Name	Property Value
	Source Symbol	OFFPAGELEFT-L
TX_PD0:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.0
•	Name	TX_PD0
Object	Property Name	Property Value
		OH PAGELLI 1-L
	Source Symbol	OFFPAGELEFT-L
RX_PD1:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.0
	Name	RX_PD1
Object	Property Name	Property Value
	Source Symbol	OFFFAGELEF 1-L
	Source Symbol	OFFPAGELEFT-L
D5_PD5_T1:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Name	D5_PD5_T1
Object	Property Name	Property Value
		OH PAGELET 1-E
	Source Symbol	OFFPAGELEFT-L
AI_FOR_T1:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
- DJUUL	Name	AI_FOR_T1
Object	Property Name	Property Value
	Source Symbol	OFFPAGELEFT-L
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
A5_PC5_D19_SCL :	Name	A5_PC5_D19_SCL
Object	Property Name	Property Value
Ohioot	Dranariy Nama	Dramarty Value
	Source Symbol	OFFPAGELEFT-L
2 7 C = (+2+=(+)	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.0
A4_PC4_D18_SDA :	Name Course Library	A4_PC4_D18_SDA
Object	Property Name	Property Value
Object		Brown and to Malana
	Source Symbol	OFFPAGELEFT-L
A5_PC5_D19_SCL :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
AF DOF DAG COL .	Name	A5_PC5_D19_SCL
Object	Property Name	Property Value
IDIOCT	I Dronorty Nama	I Proporty Value

Property Value

Object	Property Name	Property Value	
	Name	D10_PB2_SS	
D10_PB2_SS:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
	Name	A3_PC3_D17	
A3_PC3_D17:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\C	CAPSY
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
	Name	A2_PC2_D16	
A2_PC2_D16:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\C	CAPSYM.C
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
	Name	D2_PD2	
D2_PD2:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
	Name	D8_PB0	
D8_PB0:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLE
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
	Name	SPEAKER_OUT	
SPEAKER_OUT:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLE
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
	Name	A0_PC0_D14	
A0_PC0_D14:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\C	CAPSYM.OL
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	7
	Path Name	TitleBlock0	1
	Schematic Path	1	1
	ID	3]
	Document	Connector]
	OrgAddr4		
	OrgAddr3		
	OrgAddr2		
	OrgAddr1		
	OrgName	Dapem	
	Cage Code		
	RevCode	1.0	
	Title	Control Ventilator	
	Name	TitleBlock0	
	Design Name	FLEX-VENTILATOR-CONTROL	
	Design File Name	D:\DEPOTS_DAPEM\ADHOC_INVENTORS\ELECTR	ONIC\SCHEMATIC\FLI
	Design Create Date	Saturday, March 21, 2020	
	Design Modify Date	Monday, March 30, 2020	
	Design Create Time	21:10:25	
TitleBlock0 : TitleBlock0	Design Modify Time	22:01:21	
	Schematic Name	SCHEMATIC1	
	Schematic Create Date	Saturday, March 21, 2020	
	Schematic Modify Date	Monday, March 30, 2020	
	Schematic Create Time	21:10:26	
	Schematic Modify Time	22:01:22	
	Schematic Page Count	0	
	Schematic Page Number	0	
	Page Size	В	
	Page Create Date	Saturday, March 21, 2020	
	Page Modify Date	Monday, March 30, 2020	
	Page Create Time	21:11:44	
	Page Modify Time	22:01:21	
	Source Library	D:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRAR\	CAPSYM.OLB
	Source Symbol	TitleBlock0	
	Page Name	PAGE2 - Connector	
	Doc		
	Page Number	1	
	Page Count	1	

Object	Property Name	Property Value
	Name	INS800506
	ID	449
	Reference	J9
	Designator	
	Part Reference	J9
INS800506 : J9	Value	HEADER 10
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : J9/1	Туре	Passive
	Net Name	D18_PC5_SCL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : J9/2	Туре	Passive
	Net Name	D18_PC4_SDA
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	3
	Number	3
	Swap Id	-1
3: J9/3	Туре	Passive
	Net Name	AREF
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
	Swap Id	-1
4 : J9/4	Туре	Passive
	Net Name	GND_POWER
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J9/5	Name	5
	Number	5
	Swap Id	-1
	Туре	Passive
	Net Name	PB5_D13_SCK
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6 : J9/6	Name	6
	Number	6
	Swap Id	-1
	Туре	Passive
	Net Name	D12_PB4_MISO
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
7:J9/7	Name	7
	Number	7
	Swap Id	4
	Туре	Passive
	Net Name	D11_PB3_MOSI
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
8 : J9/8	Name	8
	Number	8
	Swap Id	-1
	Туре	Passive
	Net Name	D10_PB2_SS
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
9: J9/9	Name	9
	Number	9
	Swap Id	4
	Туре	Passive
	Net Name	D9_PB1
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
10 : J9/10	Name	10
	Number	10
	Swap Id	-1
	Туре	Passive
	Net Name	D8_PB0
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
INS812547 : D5	Name	INS812547
	ID	881
	Reference	D5
	Designator	
	Part Reference	D5
	Value	DIODE
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value	
A : D5/A	Name	Α	
	Number	2	
	Swap Id	-1	
	Туре	Passive	
	Net Name	N812291	
	Order	0	
	Is No Connect	False	, and the second

Object	Property Name	Property Value
	Name	K
	Number	1
	Swap Id	-1
K : D5/K	Туре	Passive
	Net Name	BAT+
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS808107
	ID	752
	Reference	R33
	Designator	
	Part Reference	R33
	Value	10K
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS808107 : R33	Implementation Path	
	DESCRIPTION	RES 100 OHM 1/10W 1% 0603 SMD
	MIN BUY	100
	SUPPLIER NB	P100HCT-ND
	MANUFACTURER NB	ERJ-3EKF1000V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.0126
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R33/1	Туре	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R33/2	Swap Id	-1
	Туре	Passive
	Net Name	A4_PC4_D18_SDA
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS812655
	ID	884
	Reference	Q3
	Designator	
	Part Reference	Q3
INS812655 : Q3	Value	MOSFET N
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
	Name	GATE
	Number	1
	Swap Id	-1
GATE : Q3/GATE	Туре	Input
	Net Name	A3_PC3_D17
	Order	0
	Is No Connect	False

Object	Property Name	Property Value	
SOURCE : Q3/SOURCE	Name	SOURCE	
	Number	3	
	Swap Id	-1	
	Туре	Passive	
	Net Name	GND_POWER	
	Order	1	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	DRAIN
	Number	2
	Swap Id	-1
DRAIN : Q3/DRAIN	Туре	Passive
	Net Name	N812291
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS800632
	ID	478
	Reference	J12
	Designator	
INS800632 : J12	Part Reference	J12
	Value	HEADER 6
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : J12/1	Туре	Passive
	Net Name	A0_PC0_D14
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : J12/2	Туре	Passive
	Net Name	A1_PC1_D15
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	3
	Number	3
	Swap Id	-1
3 : J12/3	Туре	Passive
	Net Name	A2_PC2_D16
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
	Swap Id	-1
4 : J12/4	Туре	Passive
	Net Name	A3_PC3_D17
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	5
	Number	5
	Swap Id	-1
5 : J12/5	Туре	Passive
	Net Name	A4_PC4_D18_SDA
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	6
	Number	6
	Swap Id	-1
6 : J12/6	Туре	Passive
	Net Name	A5_PC5_D19_SCL
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS806497
	ID	718
	Reference	J19
	Designator	
	Part Reference	J19
INS806497 : J19	Value	Comunication(BT/ESP32/Serial)
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	head5t25

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : J19/1	Туре	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value	
	Name	2	
	Number	2	
	Swap Id	-1	
2 : J19/2	Туре	Passive	
	Net Name	5V	
	Order	1	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	3
	Number	3
	Swap Id	-1
3 : J19/3	Туре	Passive
	Net Name	RX_PD1
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
	Swap Id	-1
4 : J19/4	Туре	Passive
	Net Name	TX_PD0
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	5
	Number	5
	Swap Id	-1
5: J19/5	Туре	Passive
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS800219
	ID	385
	Reference	J7
	Designator	
	Part Reference	J7
INS800219 : J7	Value	HEADER 15
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value	
	Name	1	
	Number	1	
	Swap Id	-1	
1 : J7/1	Туре	Passive	
	Net Name	PB5_D13_SCK	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
2: J7/2	Swap Id	-1
	Туре	Passive
	Net Name	3V3-AR
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	3
	Number	3
3:J7/3	Swap Id	-1
	Туре	Passive
	Net Name	AREF
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
4 : J7/4	Swap Id	-1
	Туре	Passive
	Net Name	A0_PC0_D14
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	5
	Number	5
5 : J7/5	Swap Id	-1
	Туре	Passive
	Net Name	A1_PC1_D15
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	6
	Number	6
6 : J7/6	Swap Id	-1
	Туре	Passive
	Net Name	A2_PC2_D16
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	7
	Number	7
7 : J7/7	Swap Id	-1
	Туре	Passive
	Net Name	A3_PC3_D17
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	8
	Number	8
8 : J7/8	Swap Id	-1
	Туре	Passive
	Net Name	A4_PC4_D18_SDA
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	9
	Number	9
9 : J7/9	Swap Id	-1
	Туре	Passive
	Net Name	A5_PC5_D19_SCL
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
	Name	10
	Number	10
	Swap Id	-1
10 : J7/10	Туре	Passive
	Net Name	A6_D20
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
	Name	11
	Number	11
11 : J7/11	Swap Id	-1
	Туре	Passive
	Net Name	A7_D21
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
	Name	12
	Number	12
12 : J7/12	Swap Id	-1
	Туре	Passive
	Net Name	5V-AR
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
	Name	13
	Number	13
13 : J7/13	Swap Id	-1
	Туре	Passive
	Net Name	PC6_RESET
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
	Name	14
	Number	14
	Swap Id	-1
14 : J7/14	Туре	Passive
	Net Name	GND_POWER
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
	Name	15
	Number	15
15 : J7/15	Swap Id	-1
	Туре	Passive
	Net Name	VIN
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS805390
	ID	698
	Reference	J17
	Designator	
	Part Reference	J17
INS805390 : J17	Value	Pressure
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	head5t25

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	4
1 : J17/1	Туре	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value	
2:J17/2	Name	2	
	Number	2	
	Swap Id	-1	
	Туре	Passive	
	Net Name	5V	
	Order	1	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	3
	Number	3
	Swap Id	-1
3 : J17/3	Туре	Passive
	Net Name	A4_PC4_D18_SDA
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
	Swap Id	-1
4 : J17/4	Туре	Passive
	Net Name	A5_PC5_D19_SCL
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	5
	Number	5
	Swap Id	-1
5 : J17/5	Туре	Passive
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS829231
	ID	1557
	Reference	J28
	Designator	
	Part Reference	J28
INS829231 : J28	Value	O2(analog)
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	head5t25

Object	Property Name	Property Value	
	Name	1	
1 : J28/1	Number	1	
	Swap Id	-1	
	Туре	Passive	
	Net Name	3V3	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
2 : J28/2	Name	2
	Number	2
	Swap Id	-1
	Туре	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	3
	Number	3
	Swap Id	-1
3 : J28/3	Туре	Passive
	Net Name	A0_PC0_D14
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
4 : J28/4	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	5
	Number	5
5 : J28/5	Swap Id	4
	Туре	Passive
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
_	Name	INS812269
	ID	875
	Reference	J23
	Designator	
	Part Reference	J23
INS812269 : J23	Value	VALVE
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	head2t25

Object	Property Name	Property Value
	Name	1
	Number	1
1 : J23/1	Swap Id	-1
	Туре	Passive
	Net Name	BAT+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : J23/2	Swap Id	-1
	Туре	Passive
	Net Name	N812291
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS817930
	ID	1084
	Reference	J25
	Designator	
INS817930 : J25	Part Reference	J25
	Value	AIRFLOW(Analog)
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	head5t25

Object	Property Name	Property Value
	Name	1
	Number	1
1 : J25/1	Swap Id	-1
	Туре	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value	
	Name	2	
	Number	2	
2 : J25/2	Swap Id	-1	
	Туре	Passive	
	Net Name	5V	
	Order	1	
	Is No Connect	False	

Object	Property Name	Property Value
3: J25/3	Name	3
	Number	3
	Swap Id	-1
	Туре	Passive
	Net Name	A2_PC2_D16
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
4 : J25/4	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J25/5	Name	5
	Number	5
	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS811978
	ID	871
	Reference	J21
	Designator	
	Part Reference	J21
INS811978 : J21	Value	SUPPLY_IN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	282837-2

Object	Property Name	Property Value	
	Name	1	
	Number	1	
1 : J21/1	Swap Id	-1	
	Туре	Passive	
	Net Name	V_SUPPLY	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : J21/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS806918
	ID	742
	Reference	J20
	Designator	
	Part Reference	J20
INS806918 : J20	Value	SPI_OPT
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value	
	Name	1	
	Number	1	
1 : J20/1	Swap Id	-1	
	Туре	Passive	
	Net Name	3V3	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : J20/2	Туре	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	3
	Number	3
3: J20/3	Swap Id	-1
	Туре	Passive
	Net Name	PB5_D13_SCK
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
	Swap Id	-1
4 : J20/4	Туре	Passive
	Net Name	D12_PB4_MISO
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	5
	Number	5
	Swap Id	-1
5 : J20/5	Туре	Passive
	Net Name	D11_PB3_MOSI
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	6
	Number	6
6 : J20/6	Swap Id	-1
	Туре	Passive
	Net Name	D10_PB2_SS
	Order	5
		Is No Connect

Object	Property Name	Property Value
	Name	7
	Number	7
	Swap Id	-1
7 : J20/7	Туре	Passive
	Net Name	D8_PB0
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	8
	Number	8
	Swap Id	-1
8 : J20/8	Туре	Passive
	Net Name	GND_POWER
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS808143
	ID	755
	Reference	R34
	Designator	
	Part Reference	R34
	Value	10K
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS808143 : R34	Implementation Path	
	DESCRIPTION	RES 100 OHM 1/10W 1% 0603 SMD
	MIN BUY	100
	SUPPLIER NB	P100HCT-ND
	MANUFACTURER NB	ERJ-3EKF1000V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.0126
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R34/1	Туре	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R34/2	Swap Id	-1
	Туре	Passive
	Net Name	A5_PC5_D19_SCL
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS800559
	ID	460
	Reference	J10
	Designator	
INS800559 : J10	Part Reference	J10
	Value	HEADER 8
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
	Name	1
	Number	1
1: J10/1	Swap Id	4
	Туре	Passive
	Net Name	
	Order	0
	Is No Connect	True

Object	Property Name	Property Value	
	Name	2	
	Number	2	
	Swap Id	-1	
2 : J10/2	Туре	Passive	
	Net Name	IOREF	
	Order	1	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	3
	Number	3
3:J10/3	Swap Id	-1
	Туре	Passive
	Net Name	PC6_RESET
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
4 : J10/4	Swap Id	-1
	Туре	Passive
	Net Name	3V3-AR
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	5
	Number	5
5: J10/5	Swap Id	4
	Туре	Passive
	Net Name	5V-AR
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	6
	Number	6
6:J10/6	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	7
	Number	7
7 : J10/7	Swap Id	4
	Туре	Passive
	Net Name	GND_POWER
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	8
	Number	8
8:J10/8	Swap Id	-1
	Туре	Passive
	Net Name	VIN
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS818753
	ID	1108
	Reference	J26
	Designator	
INS818753 : J26	Part Reference	J26
	Value	SPEAKER/PIEZO
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	head2t25

Object	Property Name	Property Value
	Name	1
	Number	1
1 : J26/1	Swap Id	-1
	Туре	Passive
	Net Name	SPEAKER_OUT
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : J26/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS800261	
	ID	401	
	Reference	J8	
	Designator		
INS800261 : J8	Part Reference	J8	
	Value	HEADER 15	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	PCB Footprint		

Object	Property Name	Property Value
	Name	1
	Number	1
1 : J8/1	Swap Id	-1
	Туре	Passive
	Net Name	D12_PB4_MISO
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2: J8/2	Swap Id	-1
	Туре	Passive
	Net Name	D11_PB3_MOSI
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	3
	Number	3
	Swap Id	-1
3: J8/3	Туре	Passive
	Net Name	D10_PB2_SS
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
4: J8/4	Swap Id	-1
	Туре	Passive
	Net Name	D9_PB1
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	5
	Number	5
5 : J8/5	Swap Id	4
	Туре	Passive
	Net Name	D8_PB0
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	6
	Number	6
6 : J8/6	Swap Id	4
	Туре	Passive
	Net Name	D7_PD7
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	7
	Number	7
	Swap Id	-1
7 : J8/7	Туре	Passive
	Net Name	D6_PD6
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	8
	Number	8
8 : J8/8	Swap Id	-1
	Туре	Passive
	Net Name	D5_PD5_T1
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	9
	Number	9
9 : J8/9	Swap Id	-1
	Туре	Passive
	Net Name	D4_PD4_T0
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
	Name	10
	Number	10
10 : J8/10	Swap Id	-1
	Туре	Passive
	Net Name	D3_PD3
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
	Name	11
	Number	11
11 : J8/11	Swap Id	-1
	Туре	Passive
	Net Name	D2_PD2
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
	Name	12
	Number	12
12:J8/12	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
	Name	13
	Number	13
13 : J8/13	Swap Id	-1
	Туре	Passive
	Net Name	/RESET_PC6
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
	Name	14
	Number	14
14: J8/14	Swap Id	-1
	Туре	Passive
	Net Name	RX_PD1
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
	Name	15
	Number	15
15 : J8/15	Swap Id	-1
	Туре	Passive
	Net Name	TX_PD0
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS828067
	ID	1529
	Reference	R79
	Designator	
	Part Reference	R79
	Value	10K
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS828067 : R79	Implementation Path	
	DESCRIPTION	RES 100 OHM 1/10W 1% 0603 SMD
	MIN BUY	100
	SUPPLIER NB	P100HCT-ND
	MANUFACTURER NB	ERJ-3EKF1000V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.0126
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
1:R79/1	Swap Id	-1
	Туре	Passive
	Net Name	A3_PC3_D17
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R79/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS800587
	ID	469
	Reference	J11
	Designator	
INS800587 : J11	Part Reference	J11
	Value	HEADER 8
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
	Name	1
	Number	1
1:J11/1	Swap Id	-1
	Туре	Passive
	Net Name	D7_PD7
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : J11/2	Swap Id	-1
	Туре	Passive
	Net Name	D6_PD6
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	3
	Number	3
3: J11/3	Swap Id	-1
	Туре	Passive
	Net Name	D5_PD5_T1
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
	Swap Id	-1
4 : J11/4	Туре	Passive
	Net Name	D4_PD4_T0
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	5
	Number	5
	Swap Id	4
5 : J11/5	Туре	Passive
	Net Name	D3_PD3
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	6
	Number	6
6 : J11/6	Swap Id	-1
	Туре	Passive
	Net Name	D2_PD2
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	7
	Number	7
	Swap Id	4
7 : J11/7	Туре	Passive
	Net Name	RX_PD1
	Order	6
	Is No Connect	False

Object	Property Name	Property Value	
	Name	8	
	Number	8	
8 : J11/8	Swap Id	-1	
	Туре	Passive	
	Net Name	TX_PD0	
	Order	7	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	INS804936
	ID	672
	Reference	J14
	Designator	
INS804936 : J14	Part Reference	J14
	Value	PulseOxytometer
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	head5t25

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : J14/1	Туре	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : J14/2	Туре	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	3
	Number	3
3: J14/3	Swap Id	-1
	Туре	Passive
	Net Name	A4_PC4_D18_SDA
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
4 : J14/4	Swap Id	-1
	Туре	Passive
	Net Name	A5_PC5_D19_SCL
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	5
	Number	5
	Swap Id	-1
5 : J14/5	Туре	Passive
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS812018
	ID	868
	Reference	J22
	Designator	
	Part Reference	J22
	Value	BATTERY
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS812018 : J22	Implementation	
	Implementation Path	
	PCB Footprint	282837-2
	MANUFACTURER	TE Connectivity AMP Connectors
	Manufacturer_Part_Number	282837-2
	DESCRIPTION	TERM BLK 2P SIDE ENT 5.08MM PCB
	Digi-Key PN	A113320-ND
	Manufacturer PN	282837-2
	Vendor	TE Connectivity

Object	Property Name	Property Value
	Name	1
	Number	1
1 : J22/1	Swap Id	-1
	Туре	Passive
	Net Name	BAT+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : J22/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
_	Name	INS836064
	ID	1583
	Reference	R82
	Designator	
	Part Reference	R82
	Value	10K
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS836064 : R82	Implementation Path	
	PCB Footprint	0603M1608
	DESCRIPTION	RES 100 OHM 1/10W 1% 0603 SMD
	MIN BUY	100
	SUPPLIER NB	P100HCT-ND
	MANUFACTURER NB	ERJ-3EKF1000V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.0126
	EQUIPPED	Υ

Object	Property Name	Property Value
1:R82/1	Name	1
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R82/2	Swap Id	-1
	Туре	Passive
	Net Name	D2_PD2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS805859
	ID	706
	Reference	J18
	Designator	
INS805859 : J18	Part Reference	J18
	Value	Travel
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
	Name	1
	Number	1
1 : J18/1	Swap Id	-1
	Туре	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : J18/2	Swap Id	-1
	Туре	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	3
	Number	3
3:J18/3	Swap Id	-1
	Туре	Passive
	Net Name	AI_FOR_T1
	Order	2
	Is No Connect	False

Object	Property Name	Property Value	
	Name	4	
	Number	4	
4: J18/4	Swap Id	-1	
	Туре	Passive	
	Net Name	D5_PD5_T1	
	Order	3	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	5
	Number	5
5 : J18/5	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS817679
	ID	1076
	Reference	J24
	Designator	
	Part Reference	J24
INS817679 : J24	Value	Limit switch
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	head5t25

Object	Property Name	Property Value
1 : J24/1	Name	1
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J24/2	Name	2
	Number	2
	Swap Id	-1
	Туре	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : J24/3	Name	3
	Number	3
	Swap Id	-1
	Туре	Passive
	Net Name	D2_PD2
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
	Swap Id	-1
4 : J24/4	Туре	Passive
	Net Name	
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J24/5	Name	5
	Number	5
	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	1824607
	Left	1040
	Тор	60
	Right	1290
	Bottom	330
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	1828477
	Left	120
	Тор	550
Rectangle	Right	770
	Bottom	810
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	1828485
	Left	70
	Тор	280
Rectangle	Right	890
	Bottom	530
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	1828493
	Left	90
	Тор	10
Rectangle	Right	900
	Bottom	220
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
BAttery Charger 12V and protection	Name	I811081
	Bounding Box Left	270
	Bounding Box Right	615
	Bounding Box Top	820
	Bounding Box Bottom	836
	Text	BAttery Charger 12V and protection
	Text Location X-Coordinate	270
	Text Location Y-Coordinate	820
	Font	Courier New

Object	Property Name	Property Value	
	Name	I813197	
	Bounding Box Left	380	
	Bounding Box Right	467	
5V Supply 2A	Bounding Box Top	470	
	Bounding Box Bottom	482	
	Text	5V Supply 2A	
	Text Location X-Coordinate	380	
	Text Location Y-Coordinate	470	
	Font	Courier New	

Object	Property Name	Property Value
	Name	1817582
	Bounding Box Left	1280
Monitor Battery	Bounding Box Right	1435
	Bounding Box Top	530
	Bounding Box Bottom	546
	Text	Monitor Battery
	Text Location X-Coordinate	1280
	Text Location Y-Coordinate	530
	Font	Courier New

Object	Property Name	Property Value
Object	Name	1824615
	Bounding Box Left	1030
	Bounding Box Right	1295
	Bounding Box Top	340
5V and 3.3V bridge if PS IC aren't there and come from	n external ARDUNO	388
•	-	
	Text	5V and 3.3V bridge if PS IC aren't there and come fro
	Text Location X-Coordinate	1030
	Text Location Y-Coordinate	340
	Font	Courier New
Object	Property Name	Property Value
	Name	1828501
	Bounding Box Left	320
	Bounding Box Right	535
DO/DO 51/ 04	Bounding Box Top	260
DC/DC 5V 2A regulator	Bounding Box Bottom	276
	Text	DC/DC 5V 2A regulator
	Text Location X-Coordinate	320
	Text Location Y-Coordinate	260
	Font	Courier New
		•
Object	Property Name	Property Value
Object	Name	1828509
		320
	Bounding Box Left	
	Bounding Box Right	535
3.3V linear regulator	Bounding Box Top	220
olov ililoar rogulator	Bounding Box Bottom	236
	Text	3.3V linear regulator
	Text Location X-Coordinate	320
	Text Location Y-Coordinate	220
	Font	Courier New
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 285895)	Name	3V3
Object	Property Name	Property Value
5V : 5V (Wire ID = 285907)		
	Name	5V
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 285941)	Name	3V3
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 285945)	Name	3V3
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 285949)	Name	3V3
		-
Object	Bronorty Namo	Bronorty Volus
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 285953)	Name	3V3

external ARDUINO

Object	Bronorty Nama	Bronorty Volus
Object 3V3:3V3 (Wire ID = 285957)	Property Name Name	Property Value 3V3
,	INGINE	1 373
Object	Property Name	Property Value
5V : 5V (Wire ID = 285961)	Name	5V
Object	Property Name	Proporty Volus
5V : 5V (Wire ID = 285965)	Property Name	Property Value 5V
	ivalle	30
Object	Property Name	Property Value
5V : 5V (Wire ID = 285969)	Name	5V
Object	Property Name	Bronorty Value
Object 5V: 5V (Wire ID = 285973)	Property Name	Property Value 5V
<u>'</u>	Name	Sv
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 285977)	Name	3V3
Object	Property Name	Bronorty Volus
Object GND_POWER: GND_POWER (Wire ID = 286077)	Name	Property Value GND_POWER
	Name	GND_1 OWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286081)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286085)	Name	GND POWER
Object	Property Name	Property Value
5V : 5V (Wire ID = 286089)	Name	5V
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286093)	Name	GND_POWER
	•	
Object GND_POWER: GND_POWER (Wire ID = 286097)	Property Name	Property Value
GND_FOWER (WIRE ID = 200097)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286101)	Name	GND_POWER
	-	•
	T =	
Object GND_POWER: GND_POWER (Wire ID = 286105)	Property Name	Property Value
GROET OWER CORDER (WHE ID = 200103)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286109)	Name	GND_POWER

Object	Proporty Nama	Property Value
Object BAT+ : BAT+ (Wire ID = 813279)	Property Name	BAT+
		T was to a
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 813283)	Name	BAT+
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 813287)	Name	BAT+
	•	•
Carr	T	Τ=
Object BAT+: BAT+ (Wire ID = 813291)	Property Name	Property Value
<i>B.</i> (Name	BAT+
Object	Property Name	Property Value
N813295 : N813295 (Wire ID = 813295)	Name	N813295
Ohioat	Duna auto Nassa	Dranasti Vales
Object N813295 : N813295 (Wire ID = 813299)	Property Name	Property Value
1 11 1 111 (1111 11 - 010100)	Name	N813295
Object	Property Name	Property Value
N813295 : N813295 (Wire ID = 813303)	Name	N813295
Object	Property Name	Property Value
5V : 5V (Wire ID = 813307)	Name	5V
	INGING	
Object	Property Name	Property Value
5V : 5V (Wire ID = 813311)	Name	5V
Object	Property Name	Property Value
5V : 5V (Wire ID = 813315)	Name	5V
	•	<u> </u>
Object 5V : 5V (Wire ID = 813319)	Property Name	Property Value
3v . 3v (vviie iD = 013319)	Name	5V
Object	Property Name	Property Value
5V : 5V (Wire ID = 813323)	Name	5V
	15	15
Object 5V : 5V (Wire ID = 813327)	Property Name	Property Value
- · · · · · · · · · · · · · · · · · · ·	Name	5V
Object	Property Name	Property Value
5V : 5V (Wire ID = 813331)	Name	5V
Otton	I Brown auto N	Decreate Vel
Object 5V: 5V (Wire ID = 813335)	Property Name	Property Value
(1 11000)	Name	5V

Object	Property Name	Proporty Volus
Object BAT+: BAT+ (Wire ID = 813339)	Property Name Name	Property Value BAT+
<u> </u>	raine	DATE
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 813343)	Name	BAT+
	-	-
Object N813295 : N813295 (Wire ID = 813347)	Property Name	Property Value
No13293 : No13293 (Wile ID = 013347)	Name	N813295
Object	Property Name	Property Value
N813295 : N813295 (Wire ID = 813351)	Name	N813295
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 813355)	Name	BAT+
Object	Property Name	Property Value
N813295 : N813295 (Wire ID = 813359)	Property Name	Property Value N813295
· · · · · · · · · · · · · · · · · · ·	radine	14010230
Object	Property Name	Property Value
EN_5V : EN_5V (Wire ID = 813387)	Name	EN_5V
	I 5	15
Object 5V : 5V (Wire ID = 813391)	Property Name	Property Value
37.07 (Mile 12 = 0.000.)	Name	5V
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813427)	Name	GND_POWER
	_	
Object N813431 : N813431 (Wire ID = 813431)	Property Name	Property Value
No13431 : No13431 (Wile ID = 013431)	Name	N813431
Object	Property Name	Property Value
N813431 : N813431 (Wire ID = 813435)	Name	N813431
	•	
Object	Property Name	Property Value
N813439 : N813439 (Wire ID = 813439)	Name	N813439
Object	Proporty Name	Proporty Value
5V : 5V (Wire ID = 813443)	Property Name Name	Property Value 5V
	Name	1 04
Object	Property Name	Property Value
5V : 5V (Wire ID = 813447)	Name	5V
	T =	T
Object 5V:5V (Wire ID = 813467)	Property Name	Property Value
57.57 (WIICID = 010407)	Name	5V

Object	Property Name	Proporty Volus
Object GND_POWER: GND_POWER (Wire ID = 813471)	Property Name Name	Property Value GND_POWER
· · · · · · · · · · · · · · · · · · ·	Name	GND_FOWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813495)	Name	GND_POWER
	•	•
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813499)	Name	GND_POWER
Object	Property Name	Property Value
5V : 5V (Wire ID = 813503)	Name	5V
	Name	37
Object	Property Name	Property Value
N813507 : N813507 (Wire ID = 813507)	Name	N813507
	1	15
Object GND_POWER : GND_POWER (Wire ID = 813511)	Property Name	Property Value
5.15_1 ONEX. SIND_1 ONEX (WITE ID = 013011)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813515)	Name	GND POWER
Object	Property Name	Property Value
N813507 : N813507 (Wire ID = 813519)	Name	N813507
Ohioat	Draw out a Name	Duamantis Value
Object N813507 : N813507 (Wire ID = 813523)	Property Name	Property Value
,	Name	N813507
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813527)	Name	GND_POWER
	1	
Object GND_POWER : GND_POWER (Wire ID = 813531)	Property Name	Property Value
GND_FOWER . GND_FOWER (WITE ID = 613331)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813535)	Name	GND_POWER
		10.00.000
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813543)	Name	GND_POWER
	l D	15
Object GND_POWER: GND_POWER (Wire ID = 813547)	Property Name	Property Value
2.12 3.12 3.12 3.12_(\(\text{\tinn{\tint{\text{\tinn{\tint{\text{\tinn{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tinn{\text{\text{\text{\text{\text{\tinn{\tint{\tinn{\tinn{\tinn{\tinn{\tinn{\text{\text{\text{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\text{\text{\text{\text{\tinn{\tinn{\tinn{\tinn{\text{\tinn{\text{\tinn{\tinn{\text{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tert{\tinn{\tert{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tinn{\tin{\ti	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813551)	Name	GND_POWER

Object	Bronorty Nome	Proporty Volus
Object GND_POWER: GND_POWER (Wire ID = 813555)	Property Name Name	Property Value GND_POWER
	Hamo	SIND_I OWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813587)	Name	GND_POWER
	15	1
Object BAT+: BAT+ (Wire ID = 817265)	Property Name	Property Value
5 (MIO ID = 517205)	Name	BAT+
Object	Property Name	Property Value
A1_PC1_D15 : A1_PC1_D15 (Wire ID = 817285)	Name	A1_PC1_D15
		·
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 817425)	Name	GND_POWER
Object	Property Name	Property Value
A1_PC1_D15 : A1_PC1_D15 (Wire ID = 817492)	Name	A1_PC1_D15
	1	i wa orang
Object	Property Name	Property Value
A1_PC1_D15 : A1_PC1_D15 (Wire ID = 817542)	Name	A1_PC1_D15
Object	Proporty Namo	Proporty Value
Object 3V3-AR : 3V3-AR (Wire ID = 824529)	Property Name	Property Value 3V3-AR
<u> </u>	INGING	- SVSTAIN
Object	Property Name	Property Value
3V3-AR : 3V3-AR (Wire ID = 824531)	Name	3V3-AR
Ohioat	Dranauty Nama	Dramarty Value
Object 3V3: 3V3 (Wire ID = 824536)	Property Name	Property Value
,,	Name	3V3
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 824538)	Name	3V3
	15	la . v
Object 5V-AR: 5V-AR (Wire ID = 824552)	Property Name	Property Value
5 - 7 - 1 - 0 - 7 (Name	5V-AR
Object	Property Name	Property Value
5V-AR : 5V-AR (Wire ID = 824554)	Name	5V-AR
		·
Object	Property Name	Property Value
5V : 5V (Wire ID = 824559)	Name	5V
Object	Property Name	Property Value
5V : 5V (Wire ID = 824561)	Name	5V
	1	i

Object	Property Name	Proporty Value
Object N824818 : N824818 (Wire ID = 824818)	Property Name	Property Value N824818
· · · · · · · · · · · · · · · · · · ·	Name	No24010
Object	Property Name	Property Value
N824824 : N824824 (Wire ID = 824824)	Name	N824824
	T5	15
Object N824824 : N824824 (Wire ID = 824828)	Property Name	Property Value
	Name	N824824
Object	Property Name	Property Value
N824818 : N824818 (Wire ID = 824833)	Name	N824818
Object N824818 : N824818 (Wire ID = 824837)	Property Name	Property Value
14024010 . 14024010 (VVIIIE ID = 024037)	Name	N824818
Object	Property Name	Property Value
N824845 : N824845 (Wire ID = 824845)	Name	N824845
	•	
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 824847)	Name	BAT+
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 824864)	Name	GND POWER
<u> </u>	Name	GND_FOWER
Object	Property Name	Property Value
N824824 : N824824 (Wire ID = 824971)	Name	N824824
Obligat	I Business Marie	Door onto Malor
Object BAT+ : BAT+ (Wire ID = 825052)	Property Name	Property Value
,	Name	BAT+
Object	Property Name	Property Value
N824818 : N824818 (Wire ID = 825236)	Name	N824818
	Ta . N	15 4 44
Object N824818 : N824818 (Wire ID = 825248)	Property Name	Property Value
1.52 15 15 1 1102-10 10 (11110 ID = 0202-10)	Name	N824818
Object	Property Name	Property Value
V_SUPPLY : V_SUPPLY (Wire ID = 825267)	Name	V_SUPPLY
	-	
Object	Property Name	Property Value
V_SUPPLY : V_SUPPLY (Wire ID = 825269)	Name	V_SUPPLY
Object	Property Namo	Property Value
GND_POWER : GND_POWER (Wire ID = 825307)	Property Name	Property Value GND_POWER
<u>. </u>	. Salito	OND_I OTTEN

GND_POWER Object GND_POWER	Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
Object	Property Name	Property Value GND_POWER
	Property Name	Property Value
GND_POWER	Source Symbol	GND_POWER
GND_POWER	Source Symbol	GND_POWER
GND_POWER	· · · · · · · · · · · · · · · · · · ·	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
-	Name	GND_POWER
Object	Property Name	Property Value
	Source Symbol	GND_FOWLIN
	Source Symbol	GND POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
Object	Name	GND_POWER
Object	Property Name	Property Value
	Source Symbol	GND_POWER
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
GND_POWER	Name Source Library	GND_POWER
Object	Property Name	Property Value
Ohioat	Duemout: None	Dramavty Value
	Source Symbol	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
CND DOWER	Name	GND_POWER
Object	Property Name	Property Value
	1 -	
<u> </u>		
	Source Symbol	VCC_BAR
5V	Source Library	D:\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Name	5V
Object	Property Name	Property Value
	• •	
	Source Symbol	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Name	GND_POWER
Object	Property Name	Property Value
	Source Symbol	GND_POWER
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
GND_POWER	Name	GND_POWER
Object	Property Name	Property Value
	15	
	Source Symbol	VCC_BAR
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Name	5V
Object	Property Name	Property Value
	Source Symbol	VCC_DAIX
	Source Symbol	VCC_BAR
3V3	Source Library	3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
01/0	Name	

Property Name

Property Value

Object

0.0,000	operty . tae	openy raise
	Name	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	GND_POWER
	·	·
Object	Drawarty Name	Dromovity Volum
Object	Property Name	Property Value
BAT+	Name	BAT+
2711	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
OND DOWED	Name	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	GND_POWER
Object	Property Name	Property Value
•	Name	3V3-AR
3V3-AR	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	VCC BAR
	Course Cympo.	100_5
Object	I Boom and a Manage	Down out Walnu
Object	Property Name	Property Value
5V-AR	Name	5V-AR
SV-AIC	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OI
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	3V3
3V3	Source Library	D:\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
0.0,000	Name	5V
5V	Source Library	D:\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	VCC BAR
	Source Symbol	V00_DAR
	T=	15
Object	Property Name	Property Value
GND_POWER	Name	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OI
	Source Symbol	GND_POWER
Object	Property Name	Property Value
	Name	V_SUPPLY
V_SUPPLY	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	VCC_BAR
	- Symbol	1.55_5.00
<u> </u>	15	
Object	Property Name	Property Value
GND POWER	Name	GND_POWER
O.D_I ONEIX	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	GND_POWER
	-	

Property Value

Object	Property Name	Property Value	
	Name	BAT+	
BAT+	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLB
	Source Symbol	VCC_BAR	

Object	Property Name	Property Value	
	Name	BAT+	
BAT+	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLI
	Source Symbol	VCC_BAR	

Object	Property Name	Property Value	
EN_5V:	Name	EN_5V	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\C	CAPSYN
	Source Symbol	OFFPAGELEFT-R	

Object	Property Name	Property Value	
	Name	A1_PC1_D15	
A1_PC1_D15:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value]
	Path Name	TitleBlock0	1
	Schematic Path	1]
	ID	4]
	Document	Power]
	OrgAddr4]
	OrgAddr3]
	OrgAddr2]
	OrgAddr1]
	OrgName	Dapem]
	Cage Code		1
	RevCode	1.0	1
	Title	Control Ventilator	1
	Name	TitleBlock0	1
	Design Name	FLEX-VENTILATOR-CONTROL	1
	Design File Name	D:\DEPOTS_DAPEM\ADHOC_INVENTORS\ELECTR	ONIC\SCHEMATIC\FLI
	Design Create Date	Saturday, March 21, 2020	1
	Design Modify Date	Monday, March 30, 2020	1
	Design Create Time	21:10:25	1
TitleBlock0 : TitleBlock0	Design Modify Time	22:01:21	1
	Schematic Name	SCHEMATIC1	1
	Schematic Create Date	Saturday, March 21, 2020]
	Schematic Modify Date	Monday, March 30, 2020]
	Schematic Create Time	21:10:26]
	Schematic Modify Time	22:01:22]
	Schematic Page Count	0]
	Schematic Page Number	0]
	Page Size	В]
	Page Create Date	Saturday, March 21, 2020	1
	Page Modify Date	Monday, March 30, 2020	1
	Page Create Time	21:12:00	1
	Page Modify Time	22:00:37	1
	Source Library	D:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRAR\	ACAPSYM.OLB
	Source Symbol	TitleBlock0	1
	Page Name	PAGE3 - Power	1
	Doc		1
	Page Number	1	1
	Page Count	1	1

Object	Property Name	Property Value
	Name	INS824655
	ID	1399
	Reference	D38
	Designator	
	Part Reference	D38
INS824655 : D38	Value	DIODE ZENER 12V
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D38/ANODE	Туре	Passive
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
	Swap Id	-1
CATHODE : D38/CATHODE	Туре	Passive
	Net Name	N824824
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS286027
	ID	140
	Reference	C4
	Designator	
	Part Reference	C4
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS286027 : C4	Implementation Path	
	PCB Footprint	0805m2012
	SUPPLIER NB	490-3332-1-ND
	MANUFACTURER	Murata Electronics North America
	SUPPLIER	DIGIKEY
	MANUFACTURER NB	GRM21BF51A106ZE15L
	PRICE	0.0765
	DESCRIPTION	CAP CER 10UF 10V Y5V 0805
	MIN BUY	100
	EQUIPPED	Υ

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : C4/1	Туре	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2:C4/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS813449
	ID	894
	Reference	C6
	Designator	
	Part Reference	C6
	Value	22uF
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS813449 : C6	Implementation Path	
	PCB Footprint	0805m2012
	MIN BUY	1
	SUPPLIER NB	1276-2910-1-ND
	MANUFACTURER NB	CL21A226MPQNNNE
	DESCRIPTION	CAP CER 22UF 10V 20% X5R 0805
	MANUFACTURER	Samsung Electro-Mechanics America, Inc
	SUPPLIER	Digi-Key
	PRICE	0.46
	EQUIPPED	Υ

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : C6/1	Туре	Passive
	Net Name	5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : C6/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS817287
	ID	1067
	Reference	R50
	Designator	
	Part Reference	R50
	Value	10K
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS817287 : R50	Implementation Path	
	EQUIPPED	Υ
	PRICE	0.0126
	SUPPLIER	Digi-Key
	MANUFACTURER	Panasonic - ECG
	MANUFACTURER NB	ERJ-3EKF1000V
	SUPPLIER NB	P100HCT-ND
	MIN BUY	100
	DESCRIPTION	RES 100 OHM 1/10W 1% 0603 SMD
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	4
1 : R50/1	Туре	Passive
	Net Name	A1_PC1_D15
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R50/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS824762	
	ID	1403	
	Reference	R77	
	Designator		
	Part Reference	R77	
	Value	270 1/2W	
	Primitive	DEFAULT]
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
INS824762 : R77	PCB Footprint	1206M3216	
	DATASHEET	https://industrial.panasonic.com/cdbs/www-data/pdf/RI	O0000/AOA0000C331
	EQUIPPED	Υ	
	MIN BUY	5000	
	DESCRIPTION	RES SMD 270 OHM 5% 2/3W 1206	
	PRICE	0.02626	
	SUPPLIER	Digi-Key	
	MANUFACTURER NB	ERJ-P08J271V	
	SUPPLIER NB	P270ALCT-ND	
	MANUFACTURER	Panasonic Electronic Components	
	RATED TEMP	-55℃ ~ 155℃	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R77/1	Туре	Passive
	Net Name	N824818
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2: R77/2	Swap Id	-1
	Туре	Passive
	Net Name	N824824
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS813253
	ID	927
	Reference	L1
	Designator	
	Part Reference	L1
	Value	2.2uH
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS813253 : L1	Implementation Path	
	PCB Footprint	sm5020
	EQUIPPED	Υ
	PRICE	0.413
	SUPPLIER	Digi-Key
	MANUFACTURER	Bourns Inc.
	MANUFACTURER NB	SRN5020-2R2Y
	SUPPLIER NB	SRN5020-2R2YCT-ND
	MIN BUY	10
	DESCRIPTION	FIXED IND 2.2UH 2.9A 42 MOHM SMD

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : L1/1	Туре	Passive
	Net Name	N813295
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : L1/2	Туре	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
-	Name	INS813561
	ID	900
	Reference	R7
	Designator	
	Part Reference	R7
	Value	180K
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS813561 : R7	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Υ
	PRICE	0.113
	SUPPLIER	Digi-Key
	MANUFACTURER	Vishay Dale
	MANUFACTURER NB	CRCW0603180KFKEA
	SUPPLIER NB	541-180KHCT-ND
	MIN BUY	10
	DESCRIPTION	RES 180K OHM 1/10W 1% 0603 SMD

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R7/1	Туре	Passive
	Net Name	N813507
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R7/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS824473
	ID	1392
	Reference	R76
	Designator	
	Part Reference	R76
	Value	0
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS824473 : R76	Implementation Path	
	MANUFACTURER	Rohm Semiconductor
	SUPPLIER NB	RHM100KCFCT-ND
	MANUFACTURER NB	MCR03ERTF1003
	SUPPLIER	Digi-Key
	PRICE	0.014
	DESCRIPTION	RES 100K OHM 1/10W 1% 0603 SMD
	MIN BUY	10
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value	
	Name	1	
	Number	1	
	Swap Id	-1	
1 : R76/1	Туре	Passive	
	Net Name	3V3-AR	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R76/2	Туре	Passive
	Net Name	3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS825083
	ID	1413
	Reference	D41
	Designator	
	Part Reference	D41
INS825083 : D41	Value	DIODE
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
	Name	A
	Number	2
	Swap Id	4
A : D41/A	Туре	Passive
	Net Name	V_SUPPLY
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	K
	Number	1
	Swap Id	-1
K: D41/K	Туре	Passive
	Net Name	N824818
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS813369
	ID	897
	Reference	C5
	Designator	
	Part Reference	C5
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS813369 : C5	Implementation Path	
	PCB Footprint	0805m2012
	EQUIPPED	Υ
	PRICE	0.339
	SUPPLIER	Digi-Key
	MANUFACTURER	Murata Electronics North America
	MANUFACTURER NB	GRM21BR71A106KE51L
	SUPPLIER NB	490-3905-1-ND
	MIN BUY	10
	DESCRIPTION	CAP CER 10UF 10V 10% X7R 0805

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : C5/1	Туре	Passive
	Net Name	BAT+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:C5/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
		Is No Connect

Object	Property Name	Property Value
-	Name	INS286051
	ID	143
	Reference	C1
	Designator	
	Part Reference	C1
	Value	1uF
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
NS286051 : C1	Implementation Path	
	PCB Footprint	0805m2012
	SUPPLIER NB	490-1691-1-ND
	MANUFACTURER	Murata Electronics North America
	SUPPLIER	DIGIKEY
	MANUFACTURER NB	GRM21BR71C105KA01L
	PRICE	0.0780
	DESCRIPTION	CAP CER 1.0UF 16V 10% X7R 0805
	MIN BUY	100
	EQUIPPED	Υ

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : C1/1	Туре	Passive
	Net Name	5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : C1/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS813477
	ID	930
	Reference	C7
	Designator	
	Part Reference	C7
	Value	620pF
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS813477 : C7	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Υ
	PRICE	0.128
	SUPPLIER	Digi-Key
	MANUFACTURER NB	GRM1885C1H621JA01D
	MANUFACTURER	Murata Electronics North America
	SUPPLIER NB	490-1446-1-ND
	MIN BUY	10
	DESCRIPTION	CAP CER 620PF 50V 5% NP0 0603

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : C7/1	Туре	Passive
	Net Name	N813431
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:C7/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS825099
	ID	1416
	Reference	D42
	Designator	
	Part Reference	D42
INS825099 : D42	Value	DIODE
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value	
	Name	Α	
	Number	2	
A : D42/A	Swap Id	-1	
	Туре	Passive	
	Net Name	GND_POWER	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	K
	Number	1
	Swap Id	-1
K : D42/K	Туре	Passive
	Net Name	N824818
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS824393
	ID	1389
	Reference	R75
	Designator	
	Part Reference	R75
	Value	0
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS824393 : R75	Implementation Path	
	EQUIPPED	Υ
	MIN BUY	10
	DESCRIPTION	RES 100K OHM 1/10W 1% 0603 SMD
	PRICE	0.014
	SUPPLIER	Digi-Key
	MANUFACTURER NB	MCR03ERTF1003
	SUPPLIER NB	RHM100KCFCT-ND
	MANUFACTURER	Rohm Semiconductor
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R75/1	Туре	Passive
	Net Name	5V-AR
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2:R75/2	Туре	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS813393
	ID	903
	Reference	R5
	Designator	
	Part Reference	R5
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS813393 : R5	Implementation Path	
	PCB Footprint	0603M1608
	MANUFACTURER	Rohm Semiconductor
	SUPPLIER NB	RHM100KCFCT-ND
	MANUFACTURER NB	MCR03ERTF1003
	SUPPLIER	Digi-Key
	PRICE	0.014
	DESCRIPTION	RES 100K OHM 1/10W 1% 0603 SMD
	MIN BUY	10
	EQUIPPED	Υ

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R5/1	Туре	Passive
	Net Name	N813439
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R5/2	Туре	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS285979
	ID	137
	Reference	C2
	Designator	
	Part Reference	C2
	Value	1uF
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS285979 : C2	Implementation Path	
	PCB Footprint	0805m2012
	SUPPLIER NB	490-1691-1-ND
	MANUFACTURER	Murata Electronics North America
	SUPPLIER	DIGIKEY
	MANUFACTURER NB	GRM21BR71C105KA01L
	PRICE	0.0780
	DESCRIPTION	CAP CER 1.0UF 16V 10% X7R 0805
	MIN BUY	100
	EQUIPPED	Υ

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : C2/1	Туре	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : C2/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS813409
	ID	924
	Reference	R6
	Designator	
	Part Reference	R6
	Value	953K
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS813409 : R6	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Υ
	PRICE	0.113
	SUPPLIER	Digi-Key
	MANUFACTURER NB	CRCW0603953KFKEA
	MANUFACTURER	Vishay Dale
	SUPPLIER NB	541-953KHCT-ND
	MIN BUY	10
	DESCRIPTION	RES 953K OHM 1/10W 1% 0603 SMD

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	4
1 : R6/1	Туре	Passive
	Net Name	5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	4
2:R6/2	Туре	Passive
	Net Name	N813507
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS825032
	ID	1407
	Reference	D39
	Designator	
	Part Reference	D39
	Value	DIODE
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS825032 : D39	Implementation	
	Implementation Path	
	DESCRIPTION	DIODE SCHOTTKY 60V 3A SOD128
	MIN BUY	3000
	MANUFACTURER	Nexperia USA Inc.
	MANUFACTURER NB	PMEG6030EVPX
	SUPPLIER NB	1727-1349-2-ND
	PRICE	0.28275
	EQUIPPED	Υ
	PCB Footprint	

Object	Property Name	Property Value
	Name	A
	Number	2
	Swap Id	-1
A : D39/A	Туре	Passive
	Net Name	N824845
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	K
	Number	1
	Swap Id	-1
K : D39/K	Туре	Passive
	Net Name	BAT+
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS824628
	ID	1395
	Reference	Q5
	Designator	
	Part Reference	Q5
	Value	NPN DAR BCE
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS824628 : Q5	Implementation Path	
	PCB Footprint	to252
	RATED TEMP	-55℃ ~ 150℃ (TJ)
	DESCRIPTION	TRANS NPN DARL 80V 10A DPAK
	SUPPLIER NB	MJD44E3T4GOSTR-ND
	MANUFACTURER NB	MJD44E3T4G
	MANUFACTURER	ON Semiconductor
	PRICE	0.38175
	DATASHEET	http://www.onsemi.com/pub/Collateral/MJD44E3-D.PDF
	MIN BUY	2500

Object	Property Name	Property Value
	Name	В
	Number	1
	Swap Id	-1
B : Q5/B	Туре	Passive
	Net Name	N824824
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	С
	Number	2
C : Q5/C	Swap Id	-1
	Туре	Passive
	Net Name	N824818
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	E
	Number	3
E : Q5/E	Swap Id	-1
	Туре	Passive
	Net Name	N824845
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS286003
	ID	146
	Reference	C3
	Designator	
	Part Reference	СЗ
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS286003 : C3	PCB Footprint	0603M1608
	RATED TEMP	-55℃ ~ 125℃
	EQUIPPED	Υ
	MIN BUY	250
	DESCRIPTION	CAP CER .1UF 16V 10% X7R 0603
	PRICE	0.01116
	MANUFACTURER NB	GRM188R71C104KA01D
	SUPPLIER	DIGIKEY
	MANUFACTURER	Murata Electronics North America
	SUPPLIER NB	490-1532-1-ND
	DATASHEET	http://search.murata.co.jp/Ceramy/image/img/A01X/G1

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	4
1 : C3/1	Туре	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2: C3/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS817267
	ID	1070
	Reference	R49
	Designator	
	Part Reference	R49
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS817267 : R49	Implementation Path	
	EQUIPPED	Υ
	MIN BUY	10
	SUPPLIER NB	RHM100KCFCT-ND
	MANUFACTURER	Rohm Semiconductor
	MANUFACTURER NB	MCR03ERTF1003
	SUPPLIER	Digi-Key
	PRICE	0.014
	DESCRIPTION	RES 100K OHM 1/10W 1% 0603 SMD
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R49/1	Туре	Passive
	Net Name	BAT+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R49/2	Туре	Passive
	Net Name	A1_PC1_D15
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS285909
	ID	149
	Reference	U1
	Designator	
	Part Reference	U1
	Value	TLV70033DDCT
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS285909 : U1	Implementation Path	
	PCB Footprint	sot23-5
	EQUIPPED	Υ
	PRICE	0.535
	SUPPLIER	Digi-Key
	MANUFACTURER NB	TLV70033DDCT
	MANUFACTURER	Texas Instruments
	SUPPLIER NB	296-25276-1-ND
	MIN BUY	10
	DESCRIPTION	IC REG LDO 200MA 3.3V SOT23-5

Object	Property Name	Property Value
	Name	IN
	Number	1
	Swap Id	-1
IN: U1/IN	Туре	Power
	Net Name	5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	EN
	Number	3
EN : U1/EN	Swap Id	-1
	Туре	Input
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	NC
	Number	4
	Swap Id	-1
NC: U1/NC	Туре	Passive
	Net Name	
	Order	2
	Is No Connect	True

Object	Property Name	Property Value
	Name	GND
	Number	2
GND: U1/GND	Swap Id	-1
	Туре	Power
	Net Name	GND_POWER
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	OUT
	Number	5
OUT : U1/OUT	Swap Id	-1
	Туре	Power
	Net Name	3V3
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS813207
	ID	906
	Reference	U2
	Designator	
	Part Reference	U2
	Value	TPS62140
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS813207 : U2	Implementation Path	
	PCB Footprint	qfn-n16
	DESCRIPTION	IC REG BUCK SYNC ADJ 2A 16QFN
	SUPPLIER NB	296-29938-1-ND
	MANUFACTURER	Texas Instruments
	PRICE	3.57
	MANUFACTURER NB	TPS62140RGTT
	SUPPLIER	Digi-Key
	MIN BUY	1
	EQUIPPED	Υ

Object	Property Name	Property Value
	Name	PG
	Number	4
PG : U2/PG	Swap Id	-1
	Туре	Output
	Net Name	N813439
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	AGND
	Number	6
	Swap Id	-1
AGND: U2/AGND	Туре	Power
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	FSW
	Number	7
FSW: U2/FSW	Swap Id	-1
	Туре	Input
	Net Name	5V
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	DEF
	Number	8
	Swap Id	-1
DEF: U2/DEF	Туре	Input
	Net Name	GND_POWER
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	SS/TR
	Number	9
	Swap Id	-1
SS/TR: U2/SS/TR	Туре	Input
	Net Name	N813431
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	AVIN
	Number	10
	Swap Id	-1
AVIN: U2/AVIN	Туре	Power
	Net Name	BAT+
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	PVIN
	Number	11
	Swap Id	-1
PVIN: U2/PVIN	Туре	Power
	Net Name	BAT+
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	PVIN
	Number	12
PVIN: U2/PVIN	Swap Id	-1
	Туре	Power
	Net Name	BAT+
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	EN
	Number	13
EN : U2/EN	Swap Id	-1
	Туре	Input
	Net Name	EN_5V
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
	Name	SW1
	Number	1
SW1: U2/SW1	Swap Id	-1
	Туре	Output
	Net Name	N813295
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
	Name	SW2
	Number	2
SW2 : U2/SW2	Swap Id	-1
	Туре	Output
	Net Name	N813295
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
	Name	SW3
	Number	3
SW3 : U2/SW3	Swap Id	-1
	Туре	Output
	Net Name	N813295
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
	Name	FB
	Number	5
FB: U2/FB	Swap Id	-1
	Туре	Input
	Net Name	N813507
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
	Name	VOS
	Number	14
VOS : U2/VOS	Swap Id	-1
	Туре	Input
	Net Name	5V
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
	Name	PGND
	Number	15
PGND : U2/PGND	Swap Id	-1
	Туре	Power
	Net Name	GND_POWER
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
	Name	PGND
	Number	16
	Swap Id	-1
PGND : U2/PGND	Туре	Power
	Net Name	GND_POWER
	Order	15
	Is No Connect	False
Object	Property Name	Property Value
	Name	GNDPAD
	Number	17
	Swap Id	-1
GNDPAD : U2/GNDPAD	Туре	Power
	Net Name	GND_POWER
	Order	16
	Is No Connect	False
		15
Object	Property Name	Property Value
	Name	1827674
	Bounding Box Left	260
	Bounding Box Right	315
RESET	Bounding Box Top	650
RESET	Bounding Box Bottom	666
	Text	RESET
	Text Location X-Coordinate	260
	Text Location Y-Coordinate	650
	Font	Courier New
Object	Property Name	Property Value
5V : 5V (Wire ID = 826467)		5V
,	Name	ον
Object	Property Name	Property Value
5V : 5V (Wire ID = 826469)	Name	5V
	•	•
Object	Property Name	Property Value
5V : 5V (Wire ID = 826482)	Name	5V
Object	Property Name	Property Value
Object 3V3 : 3V3 (Wire ID = 826486)	Property Name Name	Property Value
Object 3V3: 3V3 (Wire ID = 826486)		
3V3 : 3V3 (Wire ID = 826486)	Name	3V3
3V3 : 3V3 (Wire ID = 826486) Object		3V3 Property Value
3V3 : 3V3 (Wire ID = 826486)	Name	3V3
3V3 : 3V3 (Wire ID = 826486) Object	Name Property Name	3V3 Property Value
3V3 : 3V3 (Wire ID = 826486) Object 3V3 : 3V3 (Wire ID = 826499)	Property Name Name	Property Value 3V3
3V3 : 3V3 (Wire ID = 826486) Object	Name Property Name	3V3 Property Value

Name

Property Value

5V

Object 5V : 5V (Wire ID = 826524)

Object	Branarty Name	Proporty Volum
Object A0_PC0_D14 : A0_PC0_D14 (Wire ID = 826805)	Property Name Name	Property Value A0_PC0_D14
·	INGILIG	W_LOO_D14
Object	Property Name	Property Value
A1_PC1_D15 : A1_PC1_D15 (Wire ID = 826807)	Name	A1_PC1_D15
	-	•
Object A2_PC2_D16: A2_PC2_D16 (Wire ID = 826809)	Property Name	Property Value
A2_F C2_D 10 . A2_F C2_D 10 (Wile ID = 020009)	Name	A2_PC2_D16
Object	Property Name	Property Value
A3_PC3_D17 : A3_PC3_D17 (Wire ID = 826811)	Name	A3_PC3_D17
	1	
Object	Property Name	Property Value
A4_PC4_D18_SDA : A4_PC4_D18_SDA (Wire ID =	326813) Name	A4_PC4_D18_SDA
Object	Branarty Nama	Proporty Value
Object A5_PC5_D19_SCL : A5_PC5_D19_SCL (Wire ID = 8	Property Name	Property Value
	Ivaine	A5_PC5_D19_SCL
Object	Property Name	Property Value
PC6_RESET : PC6_RESET (Wire ID = 826834)	Name	PC6_RESET
Object A6_D20 : A6_D20 (Wire ID = 826844)	Property Name	Property Value
A0_D20 : A0_D20 (Wife ID = 020044)	Name	A6_D20
Object	Property Name	Property Value
A7_D21 : A7_D21 (Wire ID = 826846)	Name	A7_D21
Object	Property Name	Property Value
D12_PB4_MISO : D12_PB4_MISO (Wire ID = 82687	Name	D12_PB4_MISO
Object	Property Name	Property Value
Object D11_PB3_MOSI : D11_PB3_MOSI (Wire ID = 82687	Property Name	Property Value D11_PB3_MOSI
· · · · · · · · · · · · · · · · · · ·	Name	DTI_FB3_WOOI
Object	Property Name	Property Value
D10_PB2_SS : D10_PB2_SS (Wire ID = 826881)	Name	D10_PB2_SS
	T-	
Object D9_PB1 : D9_PB1 (Wire ID = 826883)	Property Name	Property Value
	Name	D9_PB1
Object	Property Name	Property Value
D8_PB0 : D8_PB0 (Wire ID = 826885)	Name	D8_PB0
	<u> </u>	i
Object	Property Name	Property Value
D7_PD7 : D7_PD7 (Wire ID = 826947)	Name	D7_PD7

Object	Dronarty Nama	Proporty Value
Object D6_PD6: D6_PD6 (Wire ID = 826949)	Property Name	Property Value D6_PD6
<u> </u>	Name	D0_FD0
Object	Property Name	Property Value
D5_PD5_T1 : D5_PD5_T1 (Wire ID = 826951)	Name	D5_PD5_T1
	•	•
Object	Property Name	Property Value
D4_PD4_T1 : D4_PD4_T1 (Wire ID = 826953)	Name	D4_PD4_T1
Object	Property Name	Property Value
Object D3_PD4 : D3_PD4 (Wire ID = 826955)	Property Name Name	Property Value D3 PD4
I.	Name	55_1 54
Object	Property Name	Property Value
D2_PD2 : D2_PD2 (Wire ID = 826957)	Name	D2_PD2
	15	15
Object RX_PD1 : RX_PD1 (Wire ID = 826959)	Property Name	Property Value
100_1 D1 . 100_1 D1 (Wild ID = 020000)	Name	RX_PD1
Object	Property Name	Property Value
TX_PD0 : TX_PD0 (Wire ID = 826961)	Name	TX_PD0
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 826988)	Name	GND_POWER
Object	Dramarty Name	Dramarty Value
Object GND_POWER : GND_POWER (Wire ID = 826990)	Property Name Name	Property Value GND_POWER
	Name	GND_FOWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 826995)	Name	GND_POWER
Object	I December Name	Descriptor Value
Object GND_POWER : GND_POWER (Wire ID = 826997)	Property Name	Property Value
	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 827014)	Name	GND_POWER
	•	•
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 827018)	Name	GND_POWER
Object	Proporty Namo	Property Value
Object PB5_D13_SCK : PB5_D13_SCK (Wire ID = 827030)	Property Name	Property Value
	Name	PB5_D13_SCK
Object	Property Name	Property Value
N827100 : N827100 (Wire ID = 827100)	Name	N827100

Object	Proporty Name	Bronorty Value
Object N827100 : N827100 (Wire ID = 827102)	Property Name Name	Property Value N827100
· · · · · · · · · · · · · · · · · · ·		1021100
Object	Property Name	Property Value
N827100 : N827100 (Wire ID = 827107)	Name	N827100
Object	Dramavis, Nama	Duamanti, Valua
Object N827100 : N827100 (Wire ID = 827111)	Property Name	Property Value
, , , , , , , , , , , , , , , , , , , ,	Name	N827100
Object	Property Name	Property Value
N827118 : N827118 (Wire ID = 827118)	Name	N827118
Ohioat	Duamanto Nama	Duamanto Valor
Object N827118 : N827118 (Wire ID = 827122)	Property Name	Property Value
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Name	N827118
Object	Property Name	Property Value
N827118 : N827118 (Wire ID = 827124)	Name	N827118
		15
Object N827118 : N827118 (Wire ID = 827130)	Property Name	Property Value
	Name	N827118
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 827186)	Name	GND_POWER
	T	Ts
Object GND_POWER: GND_POWER (Wire ID = 827224)	Property Name	Property Value GND POWER
	Name	GND_POWER
Object	Property Name	Property Value
5V : 5V (Wire ID = 827315)	Name	5V
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 827345)	Name	GND_POWER
		S.IS_I OVER
Object	Property Name	Property Value
PC6_RESET : PC6_RESET (Wire ID = 827486)	Name	PC6_RESET
Object	Property Name	Property Value
D12_PB4_MISO : D12_PB4_MISO (Wire ID = 827550	Name	D12_PB4_MISO
Object	Property Name	Property Value
PB5_D13_SCK : PB5_D13_SCK (Wire ID = 827555)	Name	PB5_D13_SCK
Object	Droporty Nome	Droporty Volus
Object D11_PB3_MOSI : D11_PB3_MOSI (Wire ID = 827560	Property Name	Property Value D11_PB3_MOSI
•	Name	DTI_FDO_WOOI

GND_POWER : GND_POWER (Wire ID = 827910	Name	GND POWER
Object	Property Name	Property Value
_ (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Name	PC6_RESET
Object PC6_RESET : PC6_RESET (Wire ID = 827770)	Property Name	Property Value
Ohioct	Proporty Name	Property Value
5.15 5VER. 5115_1 5VER (WIIC ID = 021700	Name	GND_POWER
Object GND_POWER : GND_POWER (Wire ID = 827766)	Property Name	Property Value
Object	I Brown and a Nov	I Burnanta W.
GND_POWER : GND_POWER (Wire ID = 827762	Name	GND_POWER
Object	Property Name	Property Value
	1-	1-
GND_POWER : GND_POWER (Wire ID = 827738)	Name	GND_POWER
Object	Property Name	Property Value
	•	
GND_POWER : GND_POWER (Wire ID = 827734		GND_POWER
Object	Property Name	Property Value
	Name	PC6_RESET
Object PC6_RESET : PC6_RESET (Wire ID = 827730)	Property Name	Property Value
Ohioat	Dranauty Name	Dramarty Value
PC6_RESET : PC6_RESET (Wire ID = 827726)	Name	PC6_RESET
Object	Property Name	Property Value
PC6_RESET : PC6_RESET (Wire ID = 827722)	Name	PC6_RESET
Object	Property Name	Property Value
·	ivallic	FOU_NEGET
PC6_RESET : PC6_RESET (Wire ID = 827718)	Property Name	Property Value PC6 RESET
Object	Property Namo	Property Value
3V : 3V (Wire ID = 827714)	Name	3V
Object	Property Name	Property Value
3V : 3V (Wire ID = 827686)	Name	3V
Object	Property Name	Property Value

Source Symbol

C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB

VCC_BAR

5V

	Source Symbol	OFFPAGELEFT-L
. 50_5 to_66tt.	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
PB5_D13_SCK:	Name	PB5_D13_SCK
Object	Property Name	Property Value
	15	15
	Source Symbol	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
-	Name	GND_POWER
Object	Property Name	Property Value
	Course Cymbol	OHO_ OTEN
	Source Symbol	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
ONJUGE.	Name	GND POWER
Object	Property Name	Property Value
	Source Symbol	VCC_BAR
- -	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
3V	Name	3V
Object	Property Name	Property Value
	15	
	Source Symbol	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY
CND DOWED	Name	GND_POWER
Object	Property Name	Property Value
		7
		-
	Source Symbol	VCC_BAR
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OI
	Name	5V
Object	Property Name	Property Value
	Source Symbol	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
	Name	GND_POWER
Object	Property Name	Property Value
	Source Symbol	GND_POWER
J V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OI
GND_POWER	Name	GND_POWER
Object	Property Name	Property Value
	15	15
	Source Symbol	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
	Name	GND_POWER
Object	Property Name	Property Value
	Course Cympol	100_5/IIC
	Source Symbol	VCC_BAR
3V3	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
Object	Name	3V3

Property Value

Object	Property Name	Property Value
D12 DB4 MISO :	Name	D12_PB4_MISO
012_PB4_MISO :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	OFFPAGELEFT-L
Ohioot	Proporty Nama	Property Volus
Object	Property Name	Property Value
D11_PB3_MOSI:	Name	D11_PB3_MOSI
	Source Library Source Symbol	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Courte Cymbol	OTT AGEELT'E
Object	Property Name	Property Value
	Name	D10_PB2_SS
D10_PB2_SS:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	OFFPAGELEFT-L
	•	<u> </u>
Object	Property Name	Property Value
	Name	A0_PC0_D14
A0_PC0_D14 :	Source Library	C:\CADENCE\SPB_16.3\TOOL\$\CAPTURE\LIBRARY\CAP\$YM.0
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
D9_PB1 :	Name	D9_PB1
D0_1 D1 .	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
Object	Name	A1_PC1_D15
A1_PC1_D15 :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
Object	Property Name	Property Value D8_PB0
Object D8_PB0:		D8_PB0
	Name	D8_PB0
	Name Source Library	D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Name Source Library	D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.(OFFPAGELEFT-L Property Value
D8_PB0: Object	Name Source Library Source Symbol Property Name Name	D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM. OFFPAGELEFT-L Property Value A2_PC2_D16
D8_PB0 :	Name Source Library Source Symbol Property Name Name Source Library	D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.\ OFFPAGELEFT-L Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.\
D8_PB0: Object	Name Source Library Source Symbol Property Name Name	D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM. OFFPAGELEFT-L Property Value A2_PC2_D16
D8_PB0 : Object A2_PC2_D16 :	Name Source Library Source Symbol Property Name Name Source Library Source Symbol	D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM. OFFPAGELEFT-L Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM. OFFPAGELEFT-L
D8_PB0 : Object A2_PC2_D16 :	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name	D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.0 OFFPAGELEFT-L Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.0 OFFPAGELEFT-L Property Value
Object A2_PC2_D16:	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name	D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C OFFPAGELEFT-L Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C OFFPAGELEFT-L Property Value D7_PD7
D8_PB0 : Object A2_PC2_D16 :	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library	D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.0 OFFPAGELEFT-L Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.0 OFFPAGELEFT-L Property Value D7_PD7 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.0
Object A2_PC2_D16:	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name	D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM. OFFPAGELEFT-L Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM. OFFPAGELEFT-L Property Value D7_PD7
D8_PB0: Object A2_PC2_D16: Object D7_PD7:	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O OFFPAGELEFT-L Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O OFFPAGELEFT-L Property Value D7_PD7 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O OFFPAGELEFT-L
Object A2_PC2_D16:	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library	D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C OFFPAGELEFT-L Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C OFFPAGELEFT-L Property Value D7_PD7 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
D8_PB0: Object A2_PC2_D16: Object D7_PD7:	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.COFFPAGELEFT-L Property Value A2_PC2_D16 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.COFFPAGELEFT-L Property Value D7_PD7 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.COFFPAGELEFT-L Property Value D7_PD7 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.COFFPAGELEFT-L

Object PC6_RESET:	Property Name Name Source Library Source Symbol	Property Value PC6_RESET C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O OFFPAGELEFT-L
	Name	PC6_RESET
Object		
Oblinat	Downer N	I Book and Walter
	•	-
	Source Symbol	OFFPAGELEFT-L
D2_PD2:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
	Name	D2_PD2
Object	Property Name	Property Value
	Course Symbol	OTTTAGEEETTE
	Source Symbol	OFFPAGELEFT-L
A7_D21 :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
Object	Name	A7_D21
Object	Property Name	Property Value
	Source Symbol	OFFPAGELEFT-L
00_1 0 4 .	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
D3_PD4 :	Name	D3_PD4
Object	Property Name	Property Value
	<u></u>	
	Source Symbol	OFFPAGELEFT-L
A6_D20:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Name	A6_D20
Object	Property Name	Property Value
	Course Symbol	0.11710222112
	Source Symbol	OFFPAGELEFT-L
D4_PD4_T1 :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.C
- N ₁ 001	Name	D4 PD4 T1
Object	Property Name	Property Value
	Source Symbol	OFFPAGELEFT-L
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.0
A5_PC5_D19_SCL :	Name	A5_PC5_D19_SCL
Object	Property Name	Property Value
	T =	15
	Source Symbol	OFFPAGELEFT-L
D5_PD5_T1:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
•	Name	D5_PD5_T1
Object	Property Name	Property Value
	_ Source Symbol	OH FAGLLLI I'L
	Source Symbol	OFFPAGELEFT-L
A4_PC4_D18_SDA:	Name Source Library	A4_PC4_D18_SDA C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
Object	Property Name	Property Value
Ohiaat	Duon out y Nome	Dranasty Value
	Source Symbol	OFFPAGELEFT-L
D6_PD6:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
	Name	D6_PD6
0.01000		

Property Value

0	Object	Property Name	Property Value	
		Name	RX_PD1	
R.	X_PD1:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLB
		Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value
	Name	TX_PD0
TX_PD0:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\C
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value	
	Name	PC6_RESET	
PC6_RESET:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
	Name	D12_PB4_MISO	
D12_PB4_MISO:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
	Name	PB5_D13_SCK	
PB5_D13_SCK:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLE
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
	Name	D11_PB3_MOSI	
D11_PB3_MOSI:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	1

Object	Property Name	Property Value	
PC6_RESET:	Name	PC6_RESET	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value]
	Path Name	TitleBlock0	
	Schematic Path	1	1
	ID	5]
	Document	MCU]
	OrgAddr4]
	OrgAddr3]
	OrgAddr2]
	OrgAddr1]
	OrgName	Dapem]
	Cage Code]
	RevCode	1.0]
	Title	Control Ventilator]
	Name	TitleBlock0]
	Design Name	FLEX-VENTILATOR-CONTROL]
	Design File Name	D:\DEPOTS_DAPEM\ADHOC_INVENTORS\ELECTR	ONIC\SCHEMATIC\FLE
	Design Create Date	Saturday, March 21, 2020	j
	Design Modify Date	Monday, March 30, 2020]
	Design Create Time	21:10:25]
TitleBlock0 : TitleBlock0	Design Modify Time	22:01:21	j
	Schematic Name	SCHEMATIC1]
	Schematic Create Date	Saturday, March 21, 2020]
	Schematic Modify Date	Monday, March 30, 2020]
	Schematic Create Time	21:10:26]
	Schematic Modify Time	22:01:22]
	Schematic Page Count	0]
	Schematic Page Number	0]
	Page Size	В]
	Page Create Date	Saturday, March 21, 2020]
	Page Modify Date	Monday, March 30, 2020]
	Page Create Time	21:12:22]
	Page Modify Time	22:00:37]
	Source Library	D:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY	ACAPSYM.OLB
	Source Symbol	TitleBlock0]
	Page Name	PAGE4 - MCU]
	Doc		1
	Page Number	1	1
	Page Count	1]

Object	Property Name	Property Value
	Name ID Reference Designator Part Reference Value Primitive Implementation Type Implementation	INS827688
	ID	1515
	Reference	R78
	Designator	
	Part Reference	R78
	Value	10k
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS827688 : R78	Implementation Path	
	EQUIPPED	Υ
	MIN BUY	10
	SUPPLIER NB	RHM100KCFCT-ND
	MANUFACTURER	Rohm Semiconductor
	MANUFACTURER NB	MCR03ERTF1003
	SUPPLIER	Digi-Key
	PRICE	0.014
	DESCRIPTION	RES 100K OHM 1/10W 1% 0603 SMD
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R78/1	Туре	Passive
	Net Name	PC6_RESET
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R78/2	Туре	Passive
	Net Name	3V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
INS827084 : C9	Name	INS827084	
	ID	1491	
	Reference	C9	
	Designator		
	Part Reference	C9	
	Value	x pF	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	PCB Footprint		

Object	Property Name	Property Value	
	Name	1	
	Number	1	
	Swap Id	-1	
1 : C9/1	Type Net Name Order	Passive	
		N827118	
		0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2: C9/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS804809
	ID	627
	Reference	U14
	Designator	
	Part Reference	U14
	Value	ATMEGA328P-AUR
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS804809 : U14	Implementation	
	Implementation Path	
	PCB Footprint	QFP80P900X900X120-32N
	Price	None
	Package	TQFP-32 Microchip
	MP	ATMEGA328P-AUR
	Availability	Unavailable
	MF	Microchip
	Description	ATmega328P Series 8 Bit 2 kB RAM 32 kB Flash SMT
	OriginalSymbolOrigin	(-120000,130000)

Microcontroller - TQFF

Object	Property Name	Property Value
	Name	PD3(PCINT19/OC2B/INT1)
	Number	1
	Swap Id	-1
PD3(PCINT19/OC2B/INT1) : U14/PD3(PCINT19/OC2B	8/I N Zp2	Bidirectional
	Net Name	D3_PD4
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	PD4(PCINT20/XCK/T0)
	Number	2
PD4(PCINT20/XCK/T0): U14/PD4(PCINT20/XCK/T0)	Swap Id	-1
	Туре	Bidirectional
	Net Name	D4_PD4_T1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	GND
	Number	3
GND : U14/GND	Swap Id	-1
	Туре	Power
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	VCC
	Number	4
VCC : U14/VCC	Swap Id	-1
	Туре	Power
	Net Name	5V
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	GND1
	Number	5
	Swap Id	-1
GND1 : U14/GND1	Туре	Power
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	VCC_1
	Number	6
VCC1: U14/VCC1	Swap Id	-1
	Туре	Power
	Net Name	5V
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
_	Name	PB6(PCINT6/XTAL1/TOSC1)
	Number	7
PB6(PCINT6/XTAL1/TOSC1): U14/PB6(PCINT6/XTA	Swap Id	-1
	L1 /T /OSC1)	Bidirectional
	Net Name	N827100
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	PB7(PCINT7/XTAL2/TOSC2)
	Number	8
	Swap Id	-1
PB7(PCINT7/XTAL2/TOSC2) : U14/PB7(PCINT7/XTA	-2 / Type ^{C2})	Bidirectional
	Net Name	N827118
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	PD5(PCINT21/OC0B/T1)
	Number	9
PD5(PCINT21/OC0B/T1) : U14/PD5(PCINT21/OC0B/	Swap Id	-1
	¹⁾ Type	Bidirectional
	Net Name	D5_PD5_T1
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
	Name	PD6(PCINT22/OC0A/AIN0)
	Number	10
PD6(PCINT22/OC0A/AIN0) : U14/PD6(PCINT22/OC0.	Swap Id	-1
	V A INQ)	Bidirectional
	Net Name	D6_PD6
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
	Name	PD7(PCINT23/AIN1)
	Number	11
	Swap Id	-1
PD7(PCINT23/AIN1) : U14/PD7(PCINT23/AIN1)	Туре	Bidirectional
	Net Name	D7_PD7
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
	Name	PB0(PCINT0/CLKO/ICP1)
	Number	12
	Swap Id	-1
PB0(PCINT0/CLKO/ICP1): U14/PB0(PCINT0/CLKO/I	CPT)pe	Bidirectional
	Net Name	D8_PB0
	Order	11
	Is No Connect	False

Object	Property Name	Property Value	
	Name	PB1(PCINT1/OC1A)	
	Number	13	
PB1(PCINT1/OC1A) : U14/PB1(PCINT1/OC1A)	Swap Id	-1	
	Туре	Bidirectional	
	Net Name	D9_PB1	
	Order	12	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	PB2(PCINT2/!SS!/OC1B)
	Number	14
	Swap Id	-1
PB2(PCINT2/!SS!/OC1B) : U14/PB2(PCINT2/!SS!/OC	B _{Type}	Bidirectional
	Net Name	D10_PB2_SS
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
	Name	PB3(PCINT3/OC2A/MOSI)
	Number	15
	Swap Id	-1
PB3(PCINT3/OC2A/MOSI) : U14/PB3(PCINT3/OC2A/	MQSI) Type	Bidirectional
	Net Name	D11_PB3_MOSI
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
	Name	PB4(PCINT4/MISO)
	Number	16
PB4(PCINT4/MISO) : U14/PB4(PCINT4/MISO)	Swap Id	4
	Туре	Bidirectional
	Net Name	D12_PB4_MISO
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
	Name	PB5(SCK/PCINT5)
	Number	17
PB5(SCK/PCINT5): U14/PB5(SCK/PCINT5)	Swap Id	-1
	Туре	Bidirectional
	Net Name	PB5_D13_SCK
	Order	16
	Is No Connect	False

Object	Property Name	Property Value
	Name	AVCC
	Number	18
AVCC : U14/AVCC	Swap Id	-1
	Туре	Power
	Net Name	3V3
	Order	17
	Is No Connect	False

Object	Property Name	Property Value
	Name	ADC6
	Number	19
ADC6: U14/ADC6	Swap Id	-1
	Туре	Input
	Net Name	A6_D20
	Order	18
	Is No Connect	False

Object	Property Name	Property Value
	Name	AREF
	Number	20
AREF: U14/AREF	Swap Id	-1
	Туре	Power
	Net Name	3V3
	Order	19
	Is No Connect	False

Object	Property Name	Property Value
	Name	GND2
	Number	21
GND_2: U14/GND_2	Swap Id	-1
	Туре	Power
	Net Name	GND_POWER
	Order	20
	Is No Connect	False

Object	Property Name	Property Value
	Name	ADC7
	Number	22
ADC7 : U14/ADC7	Swap Id	-1
	Туре	Input
	Net Name	A7_D21
	Order	21
	Is No Connect	False

Object	Property Name	Property Value
	Name	PC0(ADC0/PCINT8)
	Number	23
	Swap Id	-1
PC0(ADC0/PCINT8) : U14/PC0(ADC0/PCINT8)	Туре	Bidirectional
	Net Name	A0_PC0_D14
	Order	22
	Is No Connect	False

Object	Property Name	Property Value
	Name	PC1(ADC1/PCINT9)
	Number	24
PC1(ADC1/PCINT9): U14/PC1(ADC1/PCINT9)	Swap Id	-1
	Туре	Bidirectional
	Net Name	A1_PC1_D15
	Order	23
	Is No Connect	False

Object	Property Name	Property Value
	Name	PC2(ADC2/PCINT10)
	Number	25
PC2(ADC2/PCINT10): U14/PC2(ADC2/PCINT10)	Swap Id	-1
	Туре	Bidirectional
	Net Name	A2_PC2_D16
	Order	24
	Is No Connect	False

Object	Property Name	Property Value	
	Name	PC3(ADC3/PCINT11)	
	Number	26	
PC3(ADC3/PCINT11) : U14/PC3(ADC3/PCINT11)	Swap Id	-1	
	Туре	Bidirectional	
	Net Name	A3_PC3_D17	
	Order	25	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	PC4(ADC4/SDA/PCINT12)
	Number	27
	Swap Id	-1
PC4(ADC4/SDA/PCINT12) : U14/PC4(ADC4/SDA/PC	N T 121	Bidirectional
	Net Name	A4_PC4_D18_SDA
	Order	26
	Is No Connect	False

Object	Property Name	Property Value
	Name	PC5(ADC5/SCL/PCINT13)
	Number	28
PC5(ADC5/SCL/PCINT13): U14/PC5(ADC5/SCL/PCI	Swap Id	-1
	NF433e	Bidirectional
	Net Name	A5_PC5_D19_SCL
	Order	27
	Is No Connect	False

Object	Property Name	Property Value
	Name	PC6(!RESET!/PCINT14)
	Number	29
PC6(!RESET!/PCINT14): U14/PC6(!RESET!/PCINT1	Swap Id	-1
	Type	Bidirectional
	Net Name	PC6_RESET
	Order	28
	Is No Connect	False

Object	Property Name	Property Value
	Name	PD0(RXD/PCINT16)
	Number	30
PD0(RXD/PCINT16): U14/PD0(RXD/PCINT16)	Swap Id	-1
	Туре	Bidirectional
	Net Name	TX_PD0
	Order	29
	Is No Connect	False

Object	Property Name	Property Value
	Name	PD1(TXD/PCINT17)
	Number	31
PD1(TXD/PCINT17): U14/PD1(TXD/PCINT17)	Swap Id	-1
	Туре	Bidirectional
	Net Name	RX_PD1
	Order	30
	Is No Connect	False

Object	Property Name	Property Value
	Name	PD2(INT0/PCINT18)
	Number	32
PD2(INT0/PCINT18): U14/PD2(INT0/PCINT18)	Swap Id	4
	Туре	Bidirectional
	Net Name	D2_PD2
	Order	31
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS827740
	ID	1518
	Reference	SW9
	Designator	
	Part Reference	SW9
	Value	PB-NO
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS827740 : SW9	Implementation Path	
	DESCRIPTION	SWITCH TACTILE SPST-NO 0.02A 15V
	MIN BUY	50
	SUPPLIER NB	P12941SCT-ND
	MANUFACTURER NB	EVQ-Q2K01W
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.311
	EQUIPPED	Υ
	PCB Footprint	button_EVQQ2
	Filename	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : SW9/1	Туре	Passive
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
4 : SW9/4	Swap Id	-1
	Туре	Passive
	Net Name	PC6_RESET
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
2 : SW9/2	Name	2
	Number	2
	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
3 : SW9/3	Name	3
	Number	3
	Swap Id	-1
	Туре	Passive
	Net Name	PC6_RESET
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS827043
	ID	1485
	Reference	Y1
	Designator	
	Part Reference	Y1
INS827043 : Y1	Value	16MHz
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
	Name	1
1:Y1/1	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N827100
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : Y1/2	Name	2
	Number	2
	Swap Id	-1
	Туре	Passive
	Net Name	N827118
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
<u>-</u>	Name	INS827860	
	ID	1526	
	Reference	C10	
	Designator		
	Part Reference	C10	
	Value	0.1uF	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
INS827860 : C10	DATASHEET	http://search.murata.co.jp/Ceramy/image/img/A01X/G	101/ENG/GRM188R71C
	SUPPLIER NB	490-1532-1-ND	
	MANUFACTURER	Murata Electronics North America	
	SUPPLIER	DIGIKEY	
	MANUFACTURER NB	GRM188R71C104KA01D	
	PRICE	0.01116	
	DESCRIPTION	CAP CER .1UF 16V 10% X7R 0603	
	MIN BUY	250	
	EQUIPPED	Υ	
	RATED TEMP	-55℃ ~ 125℃	
	PCB Footprint	0603M1608	

Object	Property Name	Property Value
1 : C10/1	Name	1
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	PC6_RESET
	Order	0
		Is No Connect

Object	Property Name	Property Value
	Name	2
	Number	2
2 : C10/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS827068
	ID	1488
	Reference	C8
	Designator	
	Part Reference	C8
INS827068 : C8	Value	x pF
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
1 : C8/1	Name	1
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N827100
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:C8/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
_	Name	INS827269	
	ID	1496	
	Reference	J27	
	Designator		
	Part Reference	J27	
INS827269 : J27	Value	HEADER 3X2	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	PCB Footprint		

Object	Property Name	Property Value
	Name	2
	Number	2
2 : J27/2	Swap Id	4
	Туре	Passive
	Net Name	5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
	Swap Id	-1
4 : J27/4	Туре	Passive
	Net Name	D11_PB3_MOSI
	Order	1
		Is No Connect

Object	Property Name	Property Value
	Name	6
	Number	6
	Swap Id	-1
6 : J27/6	Туре	Passive
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : J27/1	Туре	Passive
	Net Name	D12_PB4_MISO
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	3
	Number	3
3: J27/3	Swap Id	-1
	Туре	Passive
	Net Name	PB5_D13_SCK
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	5
	Number	5
5 : J27/5	Swap Id	-1
	Туре	Passive
	Net Name	PC6_RESET
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	1824094
	Left	520
	Тор	470
Rectangle	Right	1090
	Bottom	890
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	1824096
	Left	500
Rectangle	Тор	30
	Right	1090
	Bottom	410
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	1824098
	Left	1100
	Тор	240
Rectangle	Right	1450
	Bottom	660
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	1824100
	Left	10
Rectangle	Тор	20
	Right	490
	Bottom	920
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value	
	Name	I810500	
	Bounding Box Left	650	
	Bounding Box Right	675	
UP	Bounding Box Top	510	
	Bounding Box Bottom	526	
	Text	UP	
	Text Location X-Coordinate	650	
	Text Location Y-Coordinate	510	
	Font	Courier New	

Object	Property Name	Property Value
	Name	I810502
	Bounding Box Left	650
	Bounding Box Right	695
DOWN	Bounding Box Top	700
	Bounding Box Bottom	716
	Text	DOWN
	Text Location X-Coordinate	650
	Text Location Y-Coordinate	700
	Font	Courier New

Object	Property Name	Property Value
	Name	I810504
	Bounding Box Left	890
	Bounding Box Right	935
MENU	Bounding Box Top	500
	Bounding Box Bottom	516
	Text	MENU
	Text Location X-Coordinate	890
	Text Location Y-Coordinate	500
	Font	Courier New

Object	Property Name	Property Value
	Name	I810506
	Bounding Box Left	910
	Bounding Box Right	935
ок	Bounding Box Top	690
	Bounding Box Bottom	706
	Text	OK
	Text Location X-Coordinate	910
	Text Location Y-Coordinate	690
	Font	Courier New

Object	Property Name	Property Value
	Name	1811073
	Bounding Box Left	130
	Bounding Box Right	425
PUT discrete led as 7 segment	Bounding Box Top	890
	Bounding Box Bottom	906
	Text	PUT discrete led as 7 segment
	Text Location X-Coordinate	130
	Text Location Y-Coordinate	890
	Font	Courier New

Object	Property Name	Property Value
	Name	1823067
	Bounding Box Left	560
	Bounding Box Right	895
	Bounding Box Top	350
Discrete led as Mode indicator (Programming / working	Display) Bounding Box Bottom	382
	Text	Discrete led as Mode indicator (Programming / working
	Text Location X-Coordinate	560
	Text Location Y-Coordinate	350
	Font	Courier New

/ Display)

Object	Property Name	Property Value
	Name	1824108
	Bounding Box Left	200
	Bounding Box Right	355
3 DIGIT display	Bounding Box Top	0
	Bounding Box Bottom	16
	Text	3 DIGIT display
	Text Location X-Coordinate	200
	Text Location Y-Coordinate	0
	Font	Courier New

Object	Property Name	Property Value
	Name	I824116
	Bounding Box Left	760
	Bounding Box Right	925
Display - Status	Bounding Box Top	10
	Bounding Box Bottom	26
	Text	Display - Status
	Text Location X-Coordinate	760
	Text Location Y-Coordinate	10
	Font	Courier New

Object	Property Name	Property Value
	Name	1824124
	Bounding Box Left	730
	Bounding Box Right	805
	Bounding Box Top	450
Control	Bounding Box Bottom	466
	Text	Control
	Text Location X-Coordinate	730
	Text Location Y-Coordinate	450
	Font	Courier New
	•	
Object	Property Name	Property Value
•	Name	I824132
	Bounding Box Left	1200
	Bounding Box Right	1365
	Bounding Box Top	220
Speake/PIEZO AMP	Bounding Box Bottom	236
	Text	Speake/PIEZO AMP
	Text Location X-Coordinate	1200
	Text Location Y-Coordinate Text Location Y-Coordinate	220
	Font	Courier New
L	1011	Council New
Object	Property Name	Property Value
3V : 3V (Wire ID = 809057)	Name	3V
Object	Property Name	Property Value
3V : 3V (Wire ID = 809085)	Name	3V
Object	Property Name	Property Value
D7_PD7 : D7_PD7 (Wire ID = 809089)	Name	D7_PD7
		-
Object	Bronorty Namo	Bronorty Volus
Object D7_PD7 : D7_PD7 (Wire ID = 809093)	Property Name	Property Value
	Name	D7_PD7
Object	Property Name	Property Value
D7_PD7 : D7_PD7 (Wire ID = 809097)	Name	D7 PD7
	· · · · · · · · · · · · · · · · · · ·	5.2.57
Object	Property Name	Property Value
D7_PD7 : D7_PD7 (Wire ID = 809101)	Name	D7_PD7
		551
		,
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809105)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809109)	Name	GND_POWER
, ,	Name	OND_FOWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809133)	Name	GND_POWER
		

Ohioot	Bronorty Name	Proporty Value
Object GND_POWER: GND_POWER (Wire ID = 809137)	Property Name Name	Property Value GND_POWER
, , , ,	Ivaine	GIND_FOWER
Object	Property Name	Property Value
D7_PD7 : D7_PD7 (Wire ID = 809141)	Name	D7_PD7
	1	T-
Object 3V: 3V (Wire ID = 809508)	Property Name	Property Value
3v . 3v (Wile ID = 609306)	Name	3V
Object	Property Name	Property Value
3V : 3V (Wire ID = 809536)	Name	3V
Object	Property Name	Property Value
D6_PD6 : D6_PD6 (Wire ID = 809540)	Name	D6_PD6
Object	Property Name	Property Value
D6_PD6 : D6_PD6 (Wire ID = 809544)	Property Name	Property Value D6_PD6
· , , , , , , , , , , , , , , , , , , ,	Name	
Object	Property Name	Property Value
D6_PD6 : D6_PD6 (Wire ID = 809548)	Name	D6_PD6
Object	I Burn auto Nam	I Brown auto Walter
Object D6_PD6 : D6_PD6 (Wire ID = 809552)	Property Name	Property Value
	Name	D6_PD6
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809556)	Name	GND_POWER
		-
	1 _	
Object GND_POWER: GND_POWER (Wire ID = 809560)	Property Name	Property Value
OND_FOWEN (WITE ID = 809500)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809584)	Name	GND_POWER
	1	5.02. 5.12.
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809588)	Name	GND_POWER
Object	Branariy Name	Proporty Value
Object D6_PD6 : D6_PD6 (Wire ID = 809592)	Property Name	Property Value
, ,	Name	D6_PD6
Object	Property Name	Property Value
3V : 3V (Wire ID = 809747)	Name	3V
		·
Object	Property Name	Property Value
3V : 3V (Wire ID = 809775)	Name	3V

Object	Branarty Name	Proporty Volus
Object D3_PD4 : D3_PD4 (Wire ID = 809779)	Property Name Name	Property Value D3_PD4
	IVALITO	DO_FD4
Object	Property Name	Property Value
D3_PD4 : D3_PD4 (Wire ID = 809783)	Name	D3_PD4
		•
	1	<u> </u>
Object D3_PD4 : D3_PD4 (Wire ID = 809787)	Property Name	Property Value
55_1 54 : 55_1 54 (Wile ib = 505767)	Name	D3_PD4
Object	Property Name	Property Value
D3_PD4 : D3_PD4 (Wire ID = 809791)	Name	D3_PD4
		<u> </u>
	<u>.</u>	
Object GND_POWER : GND_POWER (Wire ID = 809795)	Property Name	Property Value
GND_POWER : GND_POWER (WIFE ID = 809795)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809799)	Name	GND_POWER
	- santo	OND_1 ONEN
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809823)	Name	GND_POWER
Ohioot	Dramarty Nama	Dramarty Value
Object GND_POWER : GND_POWER (Wire ID = 809827)	Property Name	Property Value GND_POWER
· · · · · · · · · · · · · · · · · · ·	Name	GIND_FOWER
Object	Property Name	Property Value
D3_PD4 : D3_PD4 (Wire ID = 809831)	Name	D3_PD4
	In	In . v.
Object 3V: 3V (Wire ID = 810039)	Property Name	Property Value
	Name	3V
Object	Property Name	Property Value
3V : 3V (Wire ID = 810067)	Name	3V
	1=	1=
Object D4_PD4_T1 : D4_PD4_T1 (Wire ID = 810071)	Property Name	Property Value
27_1 27_11 . 27_1 27_11 (Wile ID = 0100/11)	Name	D4_PD4_T1
Object	Property Name	Property Value
D4_PD4_T1 : D4_PD4_T1 (Wire ID = 810075)	Name	D4_PD4_T1
	•	<u>.</u>
	-	
Object	Property Name	Property Value
D4_PD4_T1 : D4_PD4_T1 (Wire ID = 810079)	Name	D4_PD4_T1
Object	Property Name	Property Value
D4_PD4_T1 : D4_PD4_T1 (Wire ID = 810083)	Name	D4_PD4_T1
		07_1 07_11

Object	Branarty Nama	Proporty Volus
Object GND_POWER: GND_POWER (Wire ID = 810087)	Property Name	Property Value GND_POWER
, ,	INCHIO	GRD_FOWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 810091)	Name	GND_POWER
	T	T-
Object GND_POWER: GND_POWER (Wire ID = 810115)	Property Name	Property Value
GND_1 GWERT GND_1 GWERT (WIRE ID = 010110)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 810119)	Name	GND_POWER
		•
	1	
Object	Property Name	Property Value
D4_PD4_T1 : D4_PD4_T1 (Wire ID = 810123)	Name	D4_PD4_T1
Object	Property Name	Property Value
N814199 : N814199 (Wire ID = 814199)	Name	N814199
Object	Property Name	Property Value
N814203 : N814203 (Wire ID = 814203)	Name	N814203
Object	Dranauty Nama	Property Value
Object N814203 : N814203 (Wire ID = 814213)	Property Name	N814203
, , , , , , , , , , , , , , , , , , , ,	Name	NO 142U3
Object	Property Name	Property Value
N814203 : N814203 (Wire ID = 814215)	Name	N814203
Obligat	I Boom and a Maria	I Burn auto Wales
Object N814221 : N814221 (Wire ID = 814221)	Property Name	Property Value
, ,	Name	N814221
Object	Property Name	Property Value
N814221 : N814221 (Wire ID = 814225)	Name	N814221
	T	
Object N814221 : N814221 (Wire ID = 814227)	Property Name	Property Value
TOTALLI (MISTO - OTALLI)	Name	N814221
Object	Property Name	Property Value
N814233 : N814233 (Wire ID = 814233)	Name	N814233
	•	
	<u>, </u>	
Object	Property Name	Property Value
N814233 : N814233 (Wire ID = 814237)	Name	N814233
Object	Property Name	Property Value
Object N814233 : N814233 (Wire ID = 814239)	Property Name	Property Value N814233

Object	Droporty Name	Branarty Value
Object N814245: N814245 (Wire ID = 814245)	Property Name	Property Value N814245
. ,	Name	14240 ONI
Object	Property Name	Property Value
N814245 : N814245 (Wire ID = 814249)	Name	N814245
	-	·
Object N814245 : N814245 (Wire ID = 814251)	Property Name	Property Value
No14243 : No14243 (Wile ID = 614251)	Name	N814245
Object	Property Name	Property Value
N814257 : N814257 (Wire ID = 814257)	Name	N814257
		1 2 2
Object	Property Name	Property Value
N814257 : N814257 (Wire ID = 814261)	Name	N814257
Object	Proporty Name	Proporty Value
Object N814257 : N814257 (Wire ID = 814263)	Property Name	Property Value N814257
· · · · · · · · · · · · · · · · · · ·	Name	No14237
Object	Property Name	Property Value
N814269 : N814269 (Wire ID = 814269)	Name	N814269
	T=	<u> </u>
Object N814269 : N814269 (Wire ID = 814273)	Property Name	Property Value
1101 1200 (1110 12 = 01 12 10)	Name	N814269
Object	Property Name	Property Value
N814269 : N814269 (Wire ID = 814275)	Name	N814269
		•
Object N814333: N814333 (Wire ID = 814333)	Property Name	Property Value
No 14333 : No 14333 (Wile ID = 0 14333)	Name	N814333
Object	Property Name	Property Value
N814333 : N814333 (Wire ID = 814335)	Name	N814333
	<u> </u>	1
Object	Property Name	Property Value
N814340 : N814340 (Wire ID = 814340)	Name	N814340
Object	Dronorty Name	Dronosty Volum
Object N814344 : N814344 (Wire ID = 814344)	Property Name	Property Value
, ,	Name	N814344
Object	Property Name	Property Value
N814348 : N814348 (Wire ID = 814348)	Name	N814348
		1-
Object N814352 : N814352 (Wire ID = 814352)	Property Name	Property Value
14014332 : 14014332 (WIIE ID = 014332)	Name	N814352

Object	Property Name	Property Value
Object N814356 : N814356 (Wire ID = 814356)	Name	N814356
	1141110	110 17000
Object	Property Name	Property Value
N814360 : N814360 (Wire ID = 814360)	Name	N814360
Object	Property Name	Property Value
N814364 : N814364 (Wire ID = 814364)	Name	N814364
	rearro	NOTHOUS
Object	Property Name	Property Value
N814368 : N814368 (Wire ID = 814368)	Name	N814368
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815261)	Name	GND_POWER
<u> </u>	raino	OND_I OWER
Object	Property Name	Property Value
5V : 5V (Wire ID = 815267)	Name	5V
Object	Branarty Nama	Property Value
Object GND_POWER: GND_POWER (Wire ID = 815290)	Property Name	Property Value GND_POWER
	Neitte	GND_1 GWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815296)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815298)	Property Name	Property Value GND_POWER
	THEFT	OND_I OWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815300)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815302)	Name	GND_POWER
	THEFT	OND_I OWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815304)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815306)	Property Name	GND_POWER
	THEFT	OND_I OWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815308)	Name	GND_POWER
Contract	I Burn auto Nami	Down auto Valu
Object GND_POWER: GND_POWER (Wire ID = 815341)	Property Name	Property Value
	Name	GND_POWER

Ohioot	Dranarty Nama	Dramarty Value
Object GND_POWER: GND_POWER (Wire ID = 815343)	Property Name	Property Value
	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815347)	Name	GND_POWER
	•	. =
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815351)	Name	GND_POWER
Obline	I Burn out a Nova	Donor anto Wales
Object GND_POWER: GND_POWER (Wire ID = 815355)	Property Name	Property Value
	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815359)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815363)	Name	GND_POWER
Ohioat	Duam auto Maria	Dramanti Value
Object GND_POWER: GND_POWER (Wire ID = 815367)	Property Name	Property Value GND_POWER
	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815472)	Name	GND_POWER
	•	
Object CV-CV-CV-CV-CV-CV-CV-CV-CV-CV-CV-CV-CV-C	Property Name	Property Value
5V : 5V (Wire ID = 815603)	Name	5V
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 818455)	Name	BAT+
	Name	DAIT
Object	Property Name	Property Value
SPEAKER_OUT : SPEAKER_OUT (Wire ID = 818459	Name	SPEAKER_OUT
		
	In	In
Object GND_POWER : GND_POWER (Wire ID = 818463)	Property Name	Property Value
5.15_7 577E17 . 5175_1 577E17 (WING 15 = 510403)	Name	GND_POWER
Object	Property Name	Property Value
N818525 : N818525 (Wire ID = 818525)	Name	N818525
	•	
Object	Property Name	Property Value
N818525 : N818525 (Wire ID = 818548)	Name	N818525
	In	In
Object N818525 : N818525 (Wire ID = 818566)	Property Name	Property Value
	Name	N818525

Ohiost	Drawarty Name	Decreate Value
Object SPEAKER_OUT: SPEAKER_OUT (Wire ID = 81869)	Property Name	Property Value
	¹ Name	SPEAKER_OUT
Object	Property Name	Property Value
SPEAKER_OUT : SPEAKER_OUT (Wire ID = 818699	Name	SPEAKER_OUT
		<u> </u>
Object	Property Name	Property Value
D8_PB0 : D8_PB0 (Wire ID = 819144)	Name	D8_PB0
Object 5V : 5V (Wire ID = 819698)	Property Name	Property Value
5V : 5V (WITE ID = 819698)	Name	5V
Object	Property Name	Bronorty Value
Object D8_PB0 : D8_PB0 (Wire ID = 819802)	Property Name	Property Value
	Name	D8_PB0
Object	Property Name	Property Value
N819814 : N819814 (Wire ID = 819814)	Name	N819814
· · · · · · · · · · · · · · · · · · ·	Name	14013014
Object	Property Name	Property Value
N819818 : N819818 (Wire ID = 819818)	Name	N819818
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 819822)	Name	GND_POWER
C	1-	T-
Object GND_POWER: GND_POWER (Wire ID = 819826)	Property Name	Property Value
GND_FOWER GND_FOWER (WIRE ID = 019820)	Name	GND_POWER
Object	Property Name	Bronorty Value
Object N819830 : N819830 (Wire ID = 819830)	Property Name	Property Value
, , , , , , , , , , , , , , , , , , , ,	Name	N819830
Object	Property Name	Property Value
N819830 : N819830 (Wire ID = 819834)	Name	N819830
Object	Property Name	Property Value
N819846 : N819846 (Wire ID = 819846)	Name	N819846
	<u>, </u>	
Object National Conference of the Conference of	Property Name	Property Value
N819846 : N819846 (Wire ID = 819850)	Name	N819846
	la	15
Object 5V : 5V (Wire ID = 819886)	Property Name	Property Value
5v .5v (vviie ID – 013000)	Name	5V
Object	Property Name	Bronorty Value
Object N819890 : N819890 (Wire ID = 819890)	Property Name	Property Value
, , , , , , , , , , , , , , , , , , , ,	Name	N819890

Ohioot	Property Name	Proporty Volum
Object N819890 : N819890 (Wire ID = 819894)	Property Name Name	Property Value N819890
<u> </u>	INGING	14013030
Object	Property Name	Property Value
N819830 : N819830 (Wire ID = 819898)	Name	N819830
Obline	I Burnanta Nama	I Burn auto Valor
Object N819902 : N819902 (Wire ID = 819902)	Property Name	Property Value
	Name	N819902
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 819906)	Name	GND_POWER
College	I Burnanta Nama	I Burn auto Valor
Object GND_POWER: GND_POWER (Wire ID = 819910)	Property Name	Property Value
5.12 5.12 5.12 5.12 (Wild ib = 515516)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 819914)	Name	GND_POWER
	T =	Γ=
Object N819918: N819918 (Wire ID = 819918)	Property Name	Property Value
1010010 : N010010 (Viii0 12 = 010010)	Name	N819918
Object	Property Name	Property Value
N819918 : N819918 (Wire ID = 819922)	Name	N819918
	-	•
<u> </u>		
Object N819926 : N819926 (Wire ID = 819926)	Property Name	Property Value
(VIIIO ID = 010020)	Name	N819926
Object	Property Name	Property Value
N819926 : N819926 (Wire ID = 819930)	Name	N819926
	T =	1-
Object N819970 : N819970 (Wire ID = 819970)	Property Name	Property Value
1010070 : No10070 (Viii0 ID = 010070)	Name	N819970
Object	Property Name	Property Value
N819970 : N819970 (Wire ID = 819974)	Name	N819970
	T =	15
Object N819846 : N819846 (Wire ID = 819978)	Property Name	Property Value
	Name	N819846
Object	Property Name	Property Value
N819982 : N819982 (Wire ID = 819982)	Name	N819982
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 819986)	Name	GND_POWER

Object	Proporty Name	Proporty Volus
Object GND_POWER : GND_POWER (Wire ID = 819990)	Property Name	Property Value GND_POWER
, , , , , , , , , , , , , , , , , , , ,	ivalie	GIND_FOWER
Object	Property Name	Property Value
N819994 : N819994 (Wire ID = 819994)	Name	N819994
Obligat	I Donor and a Name	Bassa suta Valas
Object GND_POWER : GND_POWER (Wire ID = 819998)	Property Name	Property Value
	Name	GND_POWER
Object	Property Name	Property Value
N819890 : N819890 (Wire ID = 820034)	Name	N819890
	-	
Object N820038 : N820038 (Wire ID = 820038)	Property Name	Property Value
11020000 (11020000 (1110 ID = 020000)	Name	N820038
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820042)	Name	GND_POWER
	•	i
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820046)	Name	GND_POWER
Object	Property Name	Property Value
N819918 : N819918 (Wire ID = 820086)	Name	N819918
	Name	14013310
Object	Property Name	Property Value
N820090 : N820090 (Wire ID = 820090)	Name	N820090
Ohioot	Dranauty Name	Dranarty Value
Object GND_POWER: GND_POWER (Wire ID = 820094)	Property Name Name	Property Value GND_POWER
, , ,	Name	GND_FOWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820098)	Name	GND_POWER
Ohioat	I Duamanto Nama	Duamantu Valus
Object N819926 : N819926 (Wire ID = 820134)	Property Name	Property Value
(Name	N819926
Object	Property Name	Property Value
N820138 : N820138 (Wire ID = 820138)	Name	N820138
	T	T
Object GND_POWER : GND_POWER (Wire ID = 820142)	Property Name	Property Value
GND_FOWER (WIRE ID = 820142)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820146)	Name	GND_POWER
	•	-

Object	Branarty Nama	Bronorty Volus
Object N819970 : N819970 (Wire ID = 820182)	Property Name Name	Property Value N819970
<u> </u>	ivaille	140 199 1.0
Object	Property Name	Property Value
N820186 : N820186 (Wire ID = 820186)	Name	N820186
	-	•
Object GND_POWER : GND_POWER (Wire ID = 820190)	Property Name	Property Value
GND_FOWER . GND_FOWER (Wile ID = 020190)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820194)	Name	GND_POWER
Object N819994 : N819994 (Wire ID = 820230)	Property Name	Property Value
N819994 : N819994 (Wile ID = 820230)	Name	N819994
Object	Property Name	Property Value
N820234 : N820234 (Wire ID = 820234)	Name	N820234
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820238)	Name	GND_POWER
Ohioat	Dramarty Name	Drawarty Value
Object GND_POWER : GND_POWER (Wire ID = 820242)	Property Name	Property Value GND_POWER
<u> </u>	Name	GND_FOWER
Object	Property Name	Property Value
5V : 5V (Wire ID = 820930)	Name	5V
	I 5	15
Object D8_PB0 : D8_PB0 (Wire ID = 821034)	Property Name	Property Value
10.11.10.11	Name	D8_PB0
Object	Property Name	Property Value
N821046 : N821046 (Wire ID = 821046)	Name	N821046
	T =	15
Object N821050 : N821050 (Wire ID = 821050)	Property Name	Property Value
1402 1000 . 1402 1000 (VVIIG ID = 02 1000)	Name	N821050
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821054)	Name	GND_POWER
Object GND POWER: GND POWER (Wire ID = 821058)	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821058)	Name	GND_POWER
Object	Property Name	Property Value
N821062 : N821062 (Wire ID = 821062)	Name	N821062

Object	Property Name	Property Value
Object N821062 : N821062 (Wire ID = 821066)	Property Name Name	Property Value N821062
	1.00.10	HOLIOOL
Object	Property Name	Property Value
N821078 : N821078 (Wire ID = 821078)	Name	N821078
Object	Property Name	Property Value
N821078 : N821078 (Wire ID = 821082)	Name	N821078
	Name	NOZIOYO
Object	Property Name	Property Value
5V : 5V (Wire ID = 821118)	Name	5V
Object	Property Name	Property Value
N821122 : N821122 (Wire ID = 821122)	Name	N821122
	Numb	11021122
Object	Property Name	Property Value
N821122 : N821122 (Wire ID = 821126)	Name	N821122
Object	Branarty Nama	Proporty Value
Object N821062 : N821062 (Wire ID = 821130)	Property Name Name	Property Value N821062
	Name	1402 1002
Object	Property Name	Property Value
N821134 : N821134 (Wire ID = 821134)	Name	N821134
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821138)	Name	GND_POWER
	ramo	one_i one.
Object Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821142)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821146)	Name	GND_POWER
	1	1-
Object	Property Name	Property Value
N821150 : N821150 (Wire ID = 821150)	Name	N821150
Object	Property Name	Property Value
N821150 : N821150 (Wire ID = 821154)	Name	N821150
	-	•
		1
Object	Property Name	Property Value
N821158 : N821158 (Wire ID = 821158)	Name	N821158
Object	Property Name	Property Value
N821158 : N821158 (Wire ID = 821162)	Name	N821158
	-	

Object	Proporty Name	Proporty Value
Object N821202 : N821202 (Wire ID = 821202)	Property Name Name	Property Value N821202
	INCHIE	1402 1202
Object	Property Name	Property Value
N821202 : N821202 (Wire ID = 821206)	Name	N821202
Object	Draw auto Nama	Dramanta Value
Object N821078 : N821078 (Wire ID = 821210)	Property Name	Property Value
7.5.1.5.1.5.2.1.5.4.1.5.5	Name	N821078
Object	Property Name	Property Value
N821214 : N821214 (Wire ID = 821214)	Name	N821214
Object GND_POWER: GND_POWER (Wire ID = 821218)	Property Name	Property Value
GND_FOWER . GND_FOWER (WIIE ID = 821218)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821222)	Name	GND_POWER
		i our
Object	Property Name	Property Value
N821226 : N821226 (Wire ID = 821226)	Name	N821226
Object	Droporty Name	Bronorty Value
Object GND_POWER: GND_POWER (Wire ID = 821230)	Property Name	Property Value GND_POWER
· · · · · · · · · · · · · · · · · · ·	INGINE	T QIAD_LOWEIX
Object	Property Name	Property Value
N821122 : N821122 (Wire ID = 821266)	Name	N821122
Ottori	December Name	I Brown auto Valor
Object N821270 : N821270 (Wire ID = 821270)	Property Name	Property Value
1 1 1, 512 52.27	Name	N821270
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821274)	Name	GND_POWER
Object GND_POWER: GND_POWER (Wire ID = 821278)	Property Name	Property Value
GND_FOWER . GND_FOWER (WIIE ID = 8212/8)	Name	GND_POWER
Object	Property Name	Property Value
N821150 : N821150 (Wire ID = 821318)	Name	N821150
		,
Object	Property Name	Property Value
N821322 : N821322 (Wire ID = 821322)	Name	N821322
Ohiost	Dramarty, Name	Dramawiy Value
Object GND_POWER: GND_POWER (Wire ID = 821326)	Property Name	Property Value
	Name	GND_POWER

Ohiost	Duamante Nau-	Duamantis Vales
Object GND_POWER : GND_POWER (Wire ID = 821330)	Property Name	Property Value
	Name	GND_POWER
Object	Property Name	Property Value
N821158 : N821158 (Wire ID = 821366)	Name	N821158
		•
Object	Property Name	Property Value
N821370 : N821370 (Wire ID = 821370)	Name	N821370
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821374)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821378)	Name	GND_POWER
Object	Proporty Name	Proporty Value
Object N821202 : N821202 (Wire ID = 821414)	Property Name	Property Value N821202
` ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	Name	NOZ 120Z
Object	Property Name	Property Value
N821418 : N821418 (Wire ID = 821418)	Name	N821418
	la	15 4 4 1
Object GND_POWER : GND_POWER (Wire ID = 821422)	Property Name	Property Value
G.15_1 G.12_1 G.15_1 G.12_1 (1.11G.15 = G2.1.12_7)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821426)	Name	GND_POWER
	•	•
Object N821226 : N821226 (Wire ID = 821462)	Property Name	Property Value
No21220 : No21220 (Wile ID = 021402)	Name	N821226
Object	Property Name	Property Value
N821466 : N821466 (Wire ID = 821466)	Name	N821466
	Hamo	11021100
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821470)	Name	GND_POWER
Object	Droporty None	Bronorty Volve
Object GND_POWER: GND_POWER (Wire ID = 821474)	Property Name	Property Value GND_POWER
, , ,	Name	GIND_FOWER
Object	Property Name	Property Value
5V : 5V (Wire ID = 822198)	Name	5V
	1 -	<u> </u>
Object D8_PB0 : D8_PB0 (Wire ID = 822302)	Property Name	Property Value
DO_1 DO . DO_F DO (WITE ID = 022302)	Name	D8_PB0

Object	Property Name	Property Value
N822314 : N822314 (Wire ID = 822314)	Name	N822314
	· · · · · · · · · · · · · · · · · · ·	TOLLOTT
Object	Property Name	Property Value
N822318 : N822318 (Wire ID = 822318)	Name	N822318
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822322)	Name	GND_POWER
	Hame	OND_I OWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822326)	Name	GND_POWER
Object	Property Name	Property Value
N822330 : N822330 (Wire ID = 822330)	Name	N822330
L		100000
Object Naccond Martin IR Account	Property Name	Property Value
N822330 : N822330 (Wire ID = 822334)	Name	N822330
Object	Property Name	Property Value
N822346 : N822346 (Wire ID = 822346)	Name	N822346
	•	•
Object N822346 : N822346 (Wire ID = 822350)	Property Name	Property Value
14022340 : 14022340 (Wille ID = 022330)	Name	N822346
Object	Property Name	Property Value
5V : 5V (Wire ID = 822386)	Name	5V
	-	•
	I D N	In
Object N822390 : N822390 (Wire ID = 822390)	Property Name	Property Value
	Name	N822390
Object	Property Name	Property Value
N822390 : N822390 (Wire ID = 822394)	Name	N822390
Object	Proporty Name	Property Value
Object N822330 : N822330 (Wire ID = 822398)	Property Name	N822330
· · · · · · · · · · · · · · · · · · ·	IVALITO	11022550
Object	Property Name	Property Value
N822402 : N822402 (Wire ID = 822402)	Name	N822402
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822406)	Property Name	GND_POWER
<u> </u>	INCHIE	GND_FOWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822410)	Name	GND_POWER

GND_POWER : GND_POWER (Wire ID = 822414)	Name	GND_POWER
Object	Property Name	Property Value
N822418 : N822418 (Wire ID = 822418)	Name	N822418
	1 -	<u> </u>
Object N822418 : N822418 (Wire ID = 822422)	Property Name	Property Value
No22416 : No22416 (Wile ID = 022422)	Name	N822418
Object	Property Name	Property Value
N822426 : N822426 (Wire ID = 822426)	Name	N822426
	Hamo	HOLL-ILO
Object	Property Name	Property Value
N822426 : N822426 (Wire ID = 822430)	Name	N822426
		·
	1-	
Object N822470 : N822470 (Wire ID = 822470)	Property Name	Property Value
14022410 . 14022410 (VVIII ID = 022410)	Name	N822470
Object	Property Name	Property Value
N822470 : N822470 (Wire ID = 822474)	Name	N822470
	Name	NOZZATO
Object	Property Name	Property Value
N822346 : N822346 (Wire ID = 822478)	Name	N822346
	1	<u> </u>
Object N822482 : N822482 (Wire ID = 822482)	Property Name	Property Value
11022 102 1 11022 102 (1110 12 = 022 102)	Name	N822482
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822486)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822490)	Name	GND_POWER
Object	Property Name	Property Value
N822494 : N822494 (Wire ID = 822494)	Name	N822494
	Name	NOZZTOT
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822498)	Name	GND_POWER
	In . N	15
Object N822390 : N822390 (Wire ID = 822534)	Property Name	Property Value
(1022000 (11022000 (1110 ID = 022007)	Name	N822390
Object	Property Name	Property Value
N822538 : N822538 (Wire ID = 822538)	Name	N822538
•	•	

Property Value

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822542)	Name	GND_POWER
Object	Dranarty Name	Dramarky Value
Object GND_POWER: GND_POWER (Wire ID = 822546)	Property Name	Property Value
5.12 5.12 5.12 5.12 (Wild ib = 522546)	Name	GND_POWER
Object	Property Name	Property Value
N822418 : N822418 (Wire ID = 822586)	Name	N822418
	-	•
Ohiost	December Name	Draw anti- Value
Object N822590 : N822590 (Wire ID = 822590)	Property Name	Property Value N822590
,	Name	N62259U
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822594)	Name	GND_POWER
Object	Dramarty Name	Dramarty Value
Object GND_POWER : GND_POWER (Wire ID = 822598)	Property Name	Property Value
	Name	GND_POWER
Object	Property Name	Property Value
N822426 : N822426 (Wire ID = 822634)	Name	N822426
Object	Proporty Namo	Property Value
Object N822638 : N822638 (Wire ID = 822638)	Property Name	Property Value
·	Name	N822638
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822642)	Name	GND_POWER
Object	Proporty Namo	Proporty Value
Object GND_POWER: GND_POWER (Wire ID = 822646)	Property Name Name	Property Value GND_POWER
·	Name	OND_FOWER
Object	Property Name	Property Value
N822470 : N822470 (Wire ID = 822682)	Name	N822470
Object	Property Name	Property Value
N822686 : N822686 (Wire ID = 822686)	Name	N822686
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822690)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822694)	Property Name Name	GND_POWER
<u> </u>	Harito	OND_I OWER
Object	Property Name	Property Value
N822494 : N822494 (Wire ID = 822730)	Name	N822494

Object	Property Name	Property Value
N822734 : N822734 (Wire ID = 822734)	Name	N822734
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 82273	Name	GND_POWER
	Hamo	1 0.02.0
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 82274	Name	GND_POWER
	Name	GND_FOWER
Object	Property Name	Property Value
5V : 5V (Wire ID = 823169)	Name	5V
		·
Object	Property Name	Property Value
N828664 : N828664 (Wire ID = 828664)	Name	N828664
Object	Property Name	Property Value
D9_PB1 : D9_PB1 (Wire ID = 828692)	Name	D9_PB1
Object	Property Name	Property Value
N818525 : N818525 (Wire ID = 828721)	Name	N818525
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 828754)	Name	BAT+
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 828756)	Name	BAT+
		•
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 828760)	Name	BAT+
Object	Property Name	Property Value
N818525 : N818525 (Wire ID = 828767)	Name	N818525
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 82892	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 82893	Name	GND_POWER
Object N818525 : N818525 (Wire ID = 829042)	Property Name	Property Value
100 10020 . 100 10020 (WIIE ID = 829042)	Name	N818525
Object	Property Name	Property Value
	Name	3V

Source Symbol

C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB

VCC_BAR

3V

Object GND_POWER	Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
Object	Property Name	Property Value GND_POWER
	Property Name	Property Value
GND_POWER	Source Symbol	GND_POWER
GND_POWER	Source Symbol	GND_POWER
GND_POWER		
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
	Name	GND_POWER
Object	Property Name	Property Value
	<u> </u>	, 11 2
	Source Symbol	VCC_BAR
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
-	Name	5V
Object	Property Name	Property Value
	į	
	Source Symbol	GND POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.O
,	Name	GND_POWER
Object	Property Name	Property Value
	Source Symbol	GND_POWER
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
GND_POWER	Name Source Library	
Object	Property Name	Property Value GND_POWER
Ohiect	Property Name	Property Value
	Source Symbol	GND_POWER
U.I.D.I OTTEN	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
GND_POWER	Name	GND_POWER
Object	Property Name	Property Value
		Ts
	Source Symbol	VCC_BAR
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY
E\/	Name	5V
Object	Property Name	Property Value
	Г-	1
	Source Symbol	VCC_BAR
3V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Name	3V
Object	Property Name	Property Value
	Course Symbol	V00_B/M
	Source Symbol	VCC_BAR
3V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
Object	Name	3V
Object	Property Name	Property Value
	Source Symbol	VCC_BAR
37	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
3V	Name	3V

Property Value

	Name	GND_POWER	
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L	IBRARY CAPSYM.OLB
	Source Symbol	GND_POWER	
	- Constant of the constant of		
Object	Property Name	Property Value	
CND DOWER	Name	GND_POWER	
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L	IBRARY CAPSYM.OLB
	Source Symbol	GND_POWER	
	•	•	<u></u>
Object	Property Name	Property Value	
Object			
GND_POWER	Name Source Library	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L	IDD A DVA CA DCVAA OL D
	,		IBRARTICAPSTIVI.OLB
	Source Symbol	GND_POWER	
Object	Property Name	Property Value	
-14	Name	5V	
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L	IBRARY CAPSYM.OLB
	Source Symbol	VCC_BAR	
Object	Property Name	Property Value	
	Name	5V	
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L	IBRARY CAPSYM.OLB
	Source Symbol	VCC_BAR	
	Source Symbol	100_5,	
			<u> </u>
Object	Property Name	Property Value	
	Property Name Name	Property Value GND_POWER	
Object GND_POWER	Property Name Name Source Library	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L	IBRARY CAPSYM.OLB
	Property Name Name	Property Value GND_POWER	IBRARYICAPSYM.OLB
	Property Name Name Source Library	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L	IBRARYICAPSYM.OLB
	Property Name Name Source Library	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L	IBRARYICAPSYM.OLB
GND_POWER	Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER	IBRARYICAPSYM.OLB
GND_POWER	Property Name Name Source Library Source Symbol Property Name	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value	
GND_POWER Object	Property Name Name Source Library Source Symbol Property Name Name	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER	
GND_POWER Object	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L	
GND_POWER Object GND_POWER	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L	
GND_POWER Object	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value	
GND_POWER Object GND_POWER	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER Property Value GND_POWER	IBRARYICAPSYM.OLB
Object Object Object Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Library Name Name Source Library	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L CNCADENCE\SPB_16.3\TOOLS\CAPTURE\L	IBRARYICAPSYM.OLB
Object Object Object Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER Property Value GND_POWER	IBRARYICAPSYM.OLB
Object GND_POWER Object GND_POWER	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER	IBRARYICAPSYM.OLB
Object Object Object Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER	IBRARYICAPSYM.OLB
Object Object GND_POWER Object GND_POWER	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value SV	IBRARYICAPSYM.OLB
Object GND_POWER Object GND_POWER	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER	IBRARYICAPSYM.OLB
Object Object GND_POWER Object GND_POWER	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value SV	IBRARYICAPSYM.OLB
Object GND_POWER Object GND_POWER Object SV	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L VCC_BAR	IBRARYICAPSYM.OLB
Object Object GND_POWER Object GND_POWER	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value 5v C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L VCC_BAR Property Value	IBRARYICAPSYM.OLB
Object Object GND_POWER Object GND_POWER Object 5V Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L VCC_BAR Property Value 5V	IBRARY\CAPSYM.OLB
Object GND_POWER Object GND_POWER Object SV	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L GND_POWER Property Value 5v C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\L VCC_BAR Property Value	IBRARY\CAPSYM.OLB

Object

Property Value

GND_POWER

Object	Property Name	Property Value
GND_POWER	Name	GND_POWER
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	GND_POWER
Ohioat	Dranasty Nama	Proporty Volus
Object	Property Name	Property Value
GND_POWER	Name	GND_POWER
SIND_I OWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.0 GND_POWER
	Source Symbol	GND_POWER
Object	Property Name	Property Value
	Name	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	GND_POWER
	Course Symbol	0.00_1 0.12.1
Object	Property Name	Property Value
-	Name	5V
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	VCC_BAR
	•	·
Object	Property Name	Property Value
	Name	5V
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
GND_POWER	Name	GND_POWER
GND_FOWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	GND_POWER
Ohioot	Proporty Name	Bronorty Volus
Object	Property Name	Property Value GND_POWER
GND_POWER	Name Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	GND_POWER
	Source Symbol	OND_I OWER
Object	Property Name	Property Value
	Name	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	GND_POWER
	•	·
Object	Property Name	Property Value
	Name	BAT+
BAT+	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	VCC_BAR
		Dramanty Value
Object	Property Name	Property Value
	Property Name Name	PB5_D13_SCK
Object PB5_D13_SCK:		

Property Value

	Hamo	
D8_PB0:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
PB5_D13_SCK:	Name	PB5_D13_SCK
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN
	Source Symbol	OFFPAGELEFT-L
	•	·
.	15	15 . W.
Object	Property Name	Property Value
SHIFT_3-4:	Name	SHIFT_3-4
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	D8_PB0
D8_PB0:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN
	Source Symbol	OFFPAGELEFT-L
	•	·
	15	
Object	Property Name	Property Value
	Name	PB5_D13_SCK
PR5_D13_SCK+		C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN
PB5_D13_SCK:	Source Library	
PB5_D13_SCK:	Source Symbol	OFFPAGELEFT-L
PB5_D13_SCK :	-	
	Source Symbol	OFFPAGELEFT-L
PB5_D13_SCK : Object	-	
	Source Symbol Property Name	Property Value D8_PB0
Object	Property Name Name	OFFPAGELEFT-L Property Value
Object	Property Name Name Source Library	Property Value D8_PB0 C:\Cadence\spb_16.3\tools\capture\library\capsyn
Object D8_PB0:	Property Name Name Source Library Source Symbol	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L
Object D8_PB0:	Property Name Name Source Library Source Symbol Property Name	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value
Object D8_PB0: Object	Property Name Name Source Library Source Symbol Property Name Name	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value PB5_D13_SCK
Object	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN
Object D8_PB0: Object	Property Name Name Source Library Source Symbol Property Name Name	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value PB5_D13_SCK
Object D8_PB0: Object	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN
Object Object PB5_D13_SCK:	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN
Object Object PB5_D13_SCK:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L
Object Object PB5_D13_SCK:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value
Object D8_PB0: Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name Name Name Name Name Name	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value SHIFT_1-2
Object Object PB5_D13_SCK:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value P85_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value SHIFT_1-2 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN
Object Object PB5_D13_SCK: Object SHIFT_1-2:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value SHIFT_1-2 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L
Object Object PB5_D13_SCK:	Property Name Name Source Library Source Symbol	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value SHIFT_1-2 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value SHIFT_1-2 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L
Object Object PB5_D13_SCK: Object SHIFT_1-2:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol Property Name Name Source Symbol Property Name Name Name Source Symbol	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value SHIFT_1-2 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value SHIFT_2-3 Property Value SHIFT_2-3
Object Object PB5_D13_SCK: Object SHIFT_1-2:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Library Source Symbol	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value SHIFT_1-2 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN
Object Object PB5_D13_SCK: Object SHIFT_1-2:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol Property Name Name Source Symbol Property Name Name Name Source Symbol	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value SHIFT_1-2 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value SHIFT_2-3 Property Value SHIFT_2-3
Object Object PB5_D13_SCK: Object SHIFT_1-2:	Property Name Name Source Library Source Symbol	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value SHIFT_1-2 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN
Object Object PB5_D13_SCK: Object SHIFT_1-2:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Library Source Symbol	Property Value D8_PB0 C:\Cadence\spb_16.3\tools\capture\Library\capsyn Offpageleft-L Property Value PB5_D13_SCK C:\Cadence\spb_16.3\tools\capture\Library\capsyn Offpageleft-L Property Value SHIFT_1-2 C:\Cadence\spb_16.3\tools\capture\Library\capsyn Offpageleft-L Property Value SHIFT_2-3 C:\Cadence\spb_16.3\tools\capture\Library\capsyn Offpageleft-L Property Value SHIFT_2-3 C:\Cadence\spb_16.3\tools\capture\Library\capsyn Offpageleft-L
Object Object PB5_D13_SCK: Object SHIFT_1-2: Object SHIFT_2-3:	Property Name Name Source Library Source Symbol Property Name Name Source Symbol Property Name Name Name Name Source Library Source Symbol	Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value SHIFT_1-2 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value SHIFT_3-4 Property Value SHIFT_3-4
Object Object PB5_D13_SCK: Object SHIFT_1-2: Object SHIFT_2-3:	Property Name Name Source Library Source Symbol Property Name Name Source Symbol Property Name Name Source Symbol	Property Value D8_PB0 C:\Cadence\spb_16.3\tools\capture\Library\capsyn Offpageleft-L Property Value PB5_D13_SCK C:\Cadence\spb_16.3\tools\capture\Library\capsyn Offpageleft-L Property Value SHIFT_1-2 C:\Cadence\spb_16.3\tools\capture\Library\capsyn Offpageleft-L Property Value SHIFT_2-3 C:\Cadence\spb_16.3\tools\capture\Library\capsyn Offpageleft-L Property Value SHIFT_2-3 C:\Cadence\spb_16.3\tools\capture\Library\capsyn Offpageleft-L

Name

Object

Property Value

D8_PB0

Object	Property Name	Property Value	7
	Path Name	TitleBlock0	1
	Schematic Path	1]
	ID	6]
	Document	User Interface]
	RevCode	1.0	
	Cage Code		
	OrgName	Dapem	
	OrgAddr1		
	OrgAddr2		
	OrgAddr3		
	OrgAddr4		
	Title	Control Ventilator	
	Name	TitleBlock0	
	Design Name	FLEX-VENTILATOR-CONTROL	
	Design File Name	D:\DEPOTS_DAPEM\ADHOC_INVENTORS\ELECTR	ONIC\SCHEMATIC\FLI
	Design Create Date	Saturday, March 21, 2020	
	Design Modify Date	Monday, March 30, 2020	
	Design Create Time	21:10:25	
TitleBlock0 : TitleBlock0	Design Modify Time	22:01:21	
	Schematic Name	SCHEMATIC1	
	Schematic Create Date	Saturday, March 21, 2020	
	Schematic Modify Date	Monday, March 30, 2020	
	Schematic Create Time	21:10:26	
	Schematic Modify Time	22:01:22	
	Schematic Page Count	0	
	Schematic Page Number	0	
	Page Size	В	
	Page Create Date	Saturday, March 21, 2020	
	Page Modify Date	Monday, March 30, 2020	
	Page Create Time	21:23:44	
	Page Modify Time	22:00:37	
	Source Library	D:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRAR\	CAPSYM.OLB
	Source Symbol	TitleBlock0	
	Page Name	PAGE5 - UI	
	Doc		
	Page Number	1	
	Page Count	1	

Object	Property Name	Property Value
	Name	INS820212
	ID	1145
	Reference	R58
	Designator	
	Part Reference	R58
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS820212 : R58	Implementation Path	
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R58/1	Туре	Passive
	Net Name	N820234
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R58/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS813723
	ID	942
	Reference	U15
	Designator	
	Part Reference	U15
	Value	74HC595
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS813723 : U15	RATED TEMP	-40°C ~ 85°C
	DESCRIPTION	IC SHIFT REGISTER 8-BIT 16-TSSOP
	EQUIPPED	Υ
	PRICE	0.27552
	MANUFACTURER NB	MM74HC595MTCX
	MANUFACTURER	ON Semiconductor
	SUPPLIER NB	MM74HC595MTCXDKR-ND
	MIN BUY	2500
	SUPPLIER	Digi-Key
	DATASHEET	https://www.onsemi.com/pub/Collateral/MM74HC595-D.pdf
	PCB Footprint	tssop16

Object	Property Name	Property Value
	Name	GND
	Number	8
	Swap Id	-1
GND: U15/GND	Туре	Power
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value	
	Name	SDO	
	Number	9	
SDO : U15/SDO	Swap Id	-1	
	Туре	Output	
	Net Name	SHIFT_1-2	
	Order	1	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	C\L\R\
	Number	10
	Swap Id	-1
C\L\R\: U15/C\L\R\	Туре	Input
	Net Name	5V
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	G\
	Number	13
G\: U15/G\	Swap Id	-1
	Туре	Input
	Net Name	GND_POWER
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	SDI
	Number	14
	Swap Id	-1
SDI: U15/SDI	Туре	Input
	Net Name	D11_PB3_MOSI
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	VCC
	Number	16
	Swap Id	-1
VCC : U15/VCC	Туре	Power
	Net Name	5V
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
_	Name	SRCLK
	Number	11
SRCLK: U15/SRCLK	Swap Id	-1
	Туре	Input
	Net Name	PB5_D13_SCK
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	RCLK
	Number	12
	Swap Id	-1
RCLK: U15/RCLK	Туре	Input
	Net Name	D8_PB0
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	QA
	Number	15
	Swap Id	4
QA : U15/QA	Туре	3 State
	Net Name	N814199
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
	Name	QB
	Number	1
QB : U15/QB	Swap Id	-1
	Туре	3 State
	Net Name	N814203
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
	Name	QC
	Number	2
	Swap Id	-1
QC : U15/QC	Туре	3 State
	Net Name	N814221
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
	Name	QD
	Number	3
QD : U15/QD	Swap Id	-1
	Туре	3 State
	Net Name	N814233
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
	Name	QE
	Number	4
QE : U15/QE	Swap Id	-1
	Туре	3 State
	Net Name	N814245
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
	Name	QF
	Number	5
	Swap Id	-1
QF : U15/QF	Туре	3 State
	Net Name	N814257
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
	Name	QG
	Number	6
QG : U15/QG	Swap Id	-1
	Туре	3 State
	Net Name	N814269
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
	Name	QH
	Number	7
QH : U15/QH	Swap Id	4
	Туре	3 State
	Net Name	N814333
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS821428
	ID	1215
	Reference	D29
	Designator	
	Part Reference	D29
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS821428 : D29	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APT
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	MIN BUY	2000
	SUPPLIER NB	754-1545-2-ND
	MANUFACTURER	Kingbright
	MANUFACTURER NB	APTD1608CGCK
	SUPPLIER	Digi-Key
	PRICE	0.15934
	EQUIPPED	Υ
	EQUIPPED-PROTO	
	PCB Footprint	LED_0603M1608

PTD1608CGCK.pdf

Object	Property Name	Property Value
	Name	ANODE
	Number	2
ANODE : D29/ANODE	Swap Id	-1
	Туре	Passive
	Net Name	N821226
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D29/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N821466
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS809510
	ID	820
	Reference	R37
	Designator	
	Part Reference	R37
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS809510 : R37	Implementation Path	
	DESCRIPTION	RES 100K OHM 1/10W 1% 0603 SMD
	PRICE	0.014
	SUPPLIER	Digi-Key
	MANUFACTURER NB	MCR03ERTF1003
	MANUFACTURER	Rohm Semiconductor
	SUPPLIER NB	RHM100KCFCT-ND
	MIN BUY	10
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R37/1	Туре	Passive
	Net Name	D6_PD6
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2:R37/2	Туре	Passive
	Net Name	3V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822208
	ID	1309
	Reference	U18
	Designator	
	Part Reference	U18
	Value	74HC595
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS822208 : U18	DATASHEET	https://www.onsemi.com/pub/Collateral/MM74HC595-Dp.pdf
	SUPPLIER	Digi-Key
	MIN BUY	2500
	SUPPLIER NB	MM74HC595MTCXDKR-ND
	MANUFACTURER	ON Semiconductor
	MANUFACTURER NB	MM74HC595MTCX
	PRICE	0.27552
	EQUIPPED	Υ
	DESCRIPTION	IC SHIFT REGISTER 8-BIT 16-TSSOP
	RATED TEMP	-40℃ ~ 85℃
	PCB Footprint	tssop16

Object	Property Name	Property Value
	Name	GND
	Number	8
	Swap Id	-1
GND: U18/GND	Туре	Power
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	SDO
	Number	9
	Swap Id	-1
SDO: U18/SDO	Туре	Output
	Net Name	
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	C\L\R\
	Number	10
	Swap Id	-1
C\L\R\: U18/C\L\R\	Туре	Input
	Net Name	5V
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	G\
	Number	13
	Swap Id	-1
G\: U18/G\	Туре	Input
	Net Name	GND_POWER
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	SDI
	Number	14
	Swap Id	-1
SDI: U18/SDI	Туре	Input
	Net Name	SHIFT_3-4
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	VCC
	Number	16
	Swap Id	-1
VCC : U18/VCC	Туре	Power
	Net Name	5V
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	SRCLK
	Number	11
	Swap Id	-1
SRCLK: U18/SRCLK	Туре	Input
	Net Name	PB5_D13_SCK
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	RCLK
	Number	12
	Swap Id	-1
RCLK: U18/RCLK	Туре	Input
	Net Name	D8_PB0
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	QA
	Number	15
QA : U18/QA	Swap Id	-1
	Туре	3 State
	Net Name	N822314
	Order	8
	Is No Connect	False

Object	Property Name	Property Value	
	Name	QB	
	Number	1	
	Swap Id	-1	
QB : U18/QB	Туре	3 State	
	Net Name	N822330	
	Order	9	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	QC
	Number	2
	Swap Id	-1
QC : U18/QC	Туре	3 State
	Net Name	N822346
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
	Name	QD
	Number	3
	Swap Id	4
QD : U18/QD	Туре	3 State
	Net Name	N822390
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
	Name	QE
	Number	4
	Swap Id	-1
QE : U18/QE	Туре	3 State
	Net Name	N822418
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
	Name	QF
	Number	5
	Swap Id	-1
QF : U18/QF	Туре	3 State
	Net Name	N822426
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
	Name	QG
	Number	6
QG : U18/QG	Swap Id	-1
	Туре	3 State
	Net Name	N822470
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
	Name	QH
	Number	7
	Swap Id	-1
QH : U18/QH	Туре	3 State
	Net Name	N822494
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS820116
	ID	1189
	Reference	R56
	Designator	
	Part Reference	R56
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS820116 : R56	Implementation Path	
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R56/1	Туре	Passive
	Net Name	N820138
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2: R56/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS820016
	ID	1139
	Reference	R54
	Designator	
	Part Reference	R54
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS820016 : R54	Implementation Path	
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value	
	Name	1	
	Number	1	
1 : R54/1	Swap Id	-1	
	Туре	Passive	
	Net Name	N820038	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R54/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS813855
	ID	979
	Reference	R39
	Designator	
	Part Reference	R39
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS813855 : R39	Implementation Path	
	PCB Footprint	0603M1608
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R39/1	Туре	Passive
	Net Name	N814368
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R39/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS813959
	ID	988
	Reference	D8
	Designator	
	Part Reference	D8
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS813959 : D8	PCB Footprint	LED_0603M1608
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.
	EQUIPPED	Υ
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	EQUIPPED-PROTO	

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D8/ANODE	Туре	Passive
	Net Name	N814221
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D8/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N814360
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS821332
	ID	1212
	Reference	D27
	Designator	
	Part Reference	D27
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS821332 : D27	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pd
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	MIN BUY	2000
	SUPPLIER NB	754-1545-2-ND
	MANUFACTURER	Kingbright
	MANUFACTURER NB	APTD1608CGCK
	SUPPLIER	Digi-Key
	PRICE	0.15934
	EQUIPPED	Υ
	EQUIPPED-PROTO	
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D27/ANODE	Туре	Passive
	Net Name	N821158
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D27/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N821370
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS821232
	ID	1256
	Reference	D25
	Designator	
	Part Reference	D25
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS821232 : D25	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pd
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	MIN BUY	2000
	SUPPLIER NB	754-1545-2-ND
	MANUFACTURER	Kingbright
	MANUFACTURER NB	APTD1608CGCK
	SUPPLIER	Digi-Key
	PRICE	0.15934
	EQUIPPED	Υ
	EQUIPPED-PROTO	
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D25/ANODE	Туре	Passive
	Net Name	N821122
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D25/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N821270
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822648
	ID	1326
	Reference	D36
	Designator	
	Part Reference	D36
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS822648 : D36	EQUIPPED-PROTO	
	EQUIPPED	Υ
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD16080
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
	Name	ANODE
	Number	2
ANODE : D36/ANODE	Swap Id	-1
	Туре	Passive
	Net Name	N822470
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D36/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N822686
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS814063
	ID	1000
	Reference	D10
	Designator	
	Part Reference	D10
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS814063 : D10	PCB Footprint	LED_0603M1608
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pd
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	MIN BUY	2000
	SUPPLIER NB	754-1545-2-ND
	MANUFACTURER	Kingbright
	MANUFACTURER NB	APTD1608CGCK
	SUPPLIER	Digi-Key
	PRICE	0.15934
	EQUIPPED	Υ
	EQUIPPED-PROTO	

Object	Property Name	Property Value
	Name	ANODE
	Number	2
ANODE : D10/ANODE	Swap Id	-1
	Туре	Passive
	Net Name	N814245
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D10/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N814352
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS809111
	ID	800
	Reference	SW5
	Designator	
	Part Reference	SW5
	Value	PB-NO
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS809111 : SW5	Implementation Path	
	DESCRIPTION	SWITCH TACTILE SPST-NO 0.02A 15V
	MIN BUY	50
	SUPPLIER NB	P12941SCT-ND
	MANUFACTURER NB	EVQ-Q2K01W
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.311
	EQUIPPED	Υ
	PCB Footprint	button_EVQQ2
	Filename	

Object	Property Name	Property Value
	Name	1
	Number	1
1:SW5/1	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
4 : SW5/4	Swap Id	-1
	Туре	Passive
	Net Name	D7_PD7
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : SW5/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	3
	Number	3
3 : SW5/3	Swap Id	-1
	Туре	Passive
	Net Name	D7_PD7
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822448
	ID	1356
	Reference	R69
	Designator	
	Part Reference	R69
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS822448 : R69	Implementation Path	
	EQUIPPED	Υ
	PRICE	0.019
	SUPPLIER	Digi-Key
	MANUFACTURER	Panasonic - ECG
	MANUFACTURER NB	ERJ-3EKF33R0V
	SUPPLIER NB	P33.0HCT-ND
	MIN BUY	50
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R69/1	Туре	Passive
	Net Name	N822482
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R69/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS814167
	ID	1015
	Reference	D12
	Designator	
	Part Reference	D12
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS814167 : D12	PCB Footprint	LED_0603M1608
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	MIN BUY	2000
	SUPPLIER NB	754-1545-2-ND
	MANUFACTURER	Kingbright
	MANUFACTURER NB	APTD1608CGCK
	SUPPLIER	Digi-Key
	PRICE	0.15934
	EQUIPPED	Υ
	EQUIPPED-PROTO	

Object	Property Name	Property Value
	Name	ANODE
	Number	2
ANODE : D12/ANODE	Swap Id	-1
	Туре	Passive
	Net Name	N814269
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D12/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N814344
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822552
	ID	1353
	Reference	D34
	Designator	
	Part Reference	D34
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS822552 : D34	EQUIPPED-PROTO	
	EQUIPPED	Υ
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD16
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
	Name	ANODE
	Number	2
ANODE : D34/ANODE	Swap Id	-1
	Туре	Passive
	Net Name	N822418
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D34/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N822590
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822352
	ID	1297
	Reference	D31
	Designator	
	Part Reference	D31
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS822352 : D31	EQUIPPED-PROTO	
	EQUIPPED	Υ
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD16080
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
	Name	ANODE
	Number	2
ANODE : D31/ANODE	Swap Id	-1
	Туре	Passive
	Net Name	N822330
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D31/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N822402
	Order	1
		Is No Connect

Object	Property Name	Property Value
	Name	INS821444
	ID	1271
	Reference	R66
	Designator	
	Part Reference	R66
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS821444 : R66	Implementation Path	
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value	
	Name	1	
	Number	1	
1: R66/1	Swap Id	-1	
	Туре	Passive	
	Net Name	N821466	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R66/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
_	Name	INS813871
	ID	976
	Reference	D6
	Designator	
	Part Reference	D6
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS813871 : D6	Implementation Path	
	PCB Footprint	LED_0603M1608
	EQUIPPED	Υ
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608

Object	Property Name	Property Value
	Name	ANODE
	Number	2
ANODE : D6/ANODE	Swap Id	-1
	Туре	Passive
	Net Name	N814199
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
	Swap Id	-1
CATHODE : D6/CATHODE	Туре	Passive
	Net Name	N814368
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS819932	
	ID	1157	
	Reference	D16	
	Designator		
	Part Reference	D16	
	Value	LED GREEN	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
INS819932 : D16	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTI	D1608CGCK.pdf
	EQUIPPED	Υ	
	PRICE	0.15934	
	SUPPLIER	Digi-Key	
	MANUFACTURER NB	APTD1608CGCK	
	MANUFACTURER	Kingbright	
	SUPPLIER NB	754-1545-2-ND	
	MIN BUY	2000	
	DESCRIPTION	LED GREEN CLEAR CHIP SMD	
	EQUIPPED-PROTO		
	PCB Footprint	LED_0603M1608	

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D16/ANODE	Туре	Passive
	Net Name	N819846
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D16/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N819982
	Order	1
		Is No Connect

Object	Property Name	Property Value
	Name	INS813975
	ID	991
	Reference	R41
	Designator	
	Part Reference	R41
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS813975 : R41	Implementation Path	
	PCB Footprint	0603M1608
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ

Object	Property Name	Property Value
	Name	1
	Number	1
1:R41/1	Swap Id	-1
	Туре	Passive
	Net Name	N814360
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R41/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
_	Name	INS821348
	ID	1262
	Reference	R64
	Designator	
	Part Reference	R64
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS821348 : R64	Implementation Path	
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R64/1	Туре	Passive
	Net Name	N821370
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R64/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS821248
	ID	1241
	Reference	R62
	Designator	
	Part Reference	R62
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS821248 : R62	Implementation Path	
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R62/1	Туре	Passive
	Net Name	N821270
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R62/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822664
	ID	1347
	Reference	R73
	Designator	
	Part Reference	R73
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS822664 : R73	Implementation Path	
	EQUIPPED	Υ
	PRICE	0.019
	SUPPLIER	Digi-Key
	MANUFACTURER	Panasonic - ECG
	MANUFACTURER NB	ERJ-3EKF33R0V
	SUPPLIER NB	P33.0HCT-ND
	MIN BUY	50
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R73/1	Туре	Passive
	Net Name	N822686
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R73/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS814079
	ID	1003
	Reference	R43
	Designator	
	Part Reference	R43
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS814079 : R43	Implementation Path	
	PCB Footprint	0603M1608
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R43/1	Туре	Passive
	Net Name	N814352
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R43/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS819708
	ID	1163
	Reference	U16
	Designator	
	Part Reference	U16
	Value	74HC595
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS819708 : U16	RATED TEMP	-40℃ ~ 85℃
	DESCRIPTION	IC SHIFT REGISTER 8-BIT 16-TSSOP
	EQUIPPED	Υ
	PRICE	0.27552
	MANUFACTURER NB	MM74HC595MTCX
	MANUFACTURER	ON Semiconductor
	SUPPLIER NB	MM74HC595MTCXDKR-ND
	MIN BUY	2500
	SUPPLIER	Digi-Key
	DATASHEET	https://www.onsemi.com/pub/Collateral/MM74HC595-0.p
	PCB Footprint	tssop16

Object	Property Name	Property Value
GND: U16/GND	Name	GND
	Number	8
	Swap Id	-1
	Туре	Power
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
SDO : U16/SDO	Name	SDO
	Number	9
	Swap Id	-1
	Туре	Output
	Net Name	SHIFT_2-3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
C\L\R\: U16/C\L\R\	Name	C\L\R\
	Number	10
	Swap Id	-1
	Туре	Input
	Net Name	5V
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	G\
	Number	13
G\: U16/G\	Swap Id	-1
	Туре	Input
	Net Name	GND_POWER
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	SDI
	Number	14
SDI: U16/SDI	Swap Id	-1
	Туре	Input
	Net Name	SHIFT_1-2
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	VCC
	Number	16
VCC : U16/VCC	Swap Id	-1
	Туре	Power
	Net Name	5V
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
SRCLK: U16/SRCLK	Name	SRCLK
	Number	11
	Swap Id	-1
	Туре	Input
	Net Name	PB5_D13_SCK
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
RCLK: U16/RCLK	Name	RCLK
	Number	12
	Swap Id	-1
	Туре	Input
	Net Name	D8_PB0
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	QA
	Number	15
QA : U16/QA	Swap Id	-1
	Туре	3 State
	Net Name	N819814
	Order	8
	Is No Connect	False

Object	Property Name	Property Value	
	Name	QB	
	Number	1	
QB : U16/QB	Swap Id	-1	
	Туре	3 State	
	Net Name	N819830	
	Order	9	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	QC
	Number	2
QC : U16/QC	Swap Id	-1
	Туре	3 State
	Net Name	N819846
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
	Name	QD
	Number	3
QD : U16/QD	Swap Id	-1
	Туре	3 State
	Net Name	N819890
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
	Name	QE
	Number	4
	Swap Id	-1
QE: U16/QE	Туре	3 State
	Net Name	N819918
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
	Name	QF
	Number	5
QF : U16/QF	Swap Id	-1
	Туре	3 State
	Net Name	N819926
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
	Name	QG
	Number	6
QG : U16/QG	Swap Id	-1
	Туре	3 State
	Net Name	N819970
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
	Name	QH
	Number	7
QH : U16/QH	Swap Id	-1
	Туре	3 State
	Net Name	N819994
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS810041
	ID	840
	Reference	R36
	Designator	
	Part Reference	R36
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS810041 : R36	Implementation Path	
	DESCRIPTION	RES 100K OHM 1/10W 1% 0603 SMD
	PRICE	0.014
	SUPPLIER	Digi-Key
	MANUFACTURER NB	MCR03ERTF1003
	MANUFACTURER	Rohm Semiconductor
	SUPPLIER NB	RHM100KCFCT-ND
	MIN BUY	10
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
1 : R36/1	Swap Id	-1
	Туре	Passive
	Net Name	D4_PD4_T1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R36/2	Swap Id	-1
	Туре	Passive
	Net Name	3V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS814183
	ID	1012
	Reference	R45
	Designator	
	Part Reference	R45
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS814183 : R45	Implementation Path	
	PCB Footprint	0603M1608
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R45/1	Туре	Passive
	Net Name	N814344
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R45/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822568
	ID	1300
	Reference	R71
	Designator	
	Part Reference	R71
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS822568 : R71	Implementation Path	
	EQUIPPED	Υ
	PRICE	0.019
	SUPPLIER	Digi-Key
	MANUFACTURER	Panasonic - ECG
	MANUFACTURER NB	ERJ-3EKF33R0V
	SUPPLIER NB	P33.0HCT-ND
	MIN BUY	50
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R71/1	Туре	Passive
	Net Name	N822590
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2:R71/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS835496
	ID	1575
	Reference	Q6
	Designator	
	Part Reference	Q6
	Value	MMBT3906/SOT
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
NS835496 : Q6	PCB Footprint	SOT23-3
	DESCRIPTION	TRANS PNP 40V 0.2A SOT23
	MIN BUY	25
	SUPPLIER NB	MMBT3906LT1GOSCT-ND
	MANUFACTURER	ON Semiconductor
	MANUFACTURER NB	MMBT3906LT1G
	SUPPLIER	Digi-Key
	PRICE	0.136
	EQUIPPED	Υ
	RATED TEMP	-55 to +150
	DATASHEET	http://www.onsemi.com/pub_link/Collateral/MMBT3906L

Object	Property Name	Property Value
	Name	В
	Number	1
	Swap Id	-1
B: Q6/B	Туре	Passive
	Net Name	N818525
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	E
	Number	2
E: Q6/E	Swap Id	-1
	Туре	Passive
	Net Name	BAT+
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	С
	Number	3
	Swap Id	-1
C : Q6/C	Туре	Passive
	Net Name	SPEAKER_OUT
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822368
	ID	1306
	Reference	R68
	Designator	
	Part Reference	R68
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
NS822368 : R68	Implementation Path	
	EQUIPPED	Υ
	PRICE	0.019
	SUPPLIER	Digi-Key
	MANUFACTURER	Panasonic - ECG
	MANUFACTURER NB	ERJ-3EKF33R0V
	SUPPLIER NB	P33.0HCT-ND
	MIN BUY	50
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R68/1	Туре	Passive
	Net Name	N822402
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R68/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS822268	
	ID	1329	
	Reference	D30	
	Designator		
	Part Reference	D30	
	Value	LED GREEN	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
INS822268 : D30	Implementation Path		
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608	8CGCK.pdf
	DESCRIPTION	LED GREEN CLEAR CHIP SMD	
	MIN BUY	2000	
	SUPPLIER NB	754-1545-2-ND	
	MANUFACTURER	Kingbright	
	MANUFACTURER NB	APTD1608CGCK	
	SUPPLIER	Digi-Key	
	PRICE	0.15934	
	EQUIPPED	Υ	
	PCB Footprint	LED_0603M1608	

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D30/ANODE	Туре	Passive
	Net Name	N822314
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D30/CATHODE	Name	CATHODE
	Number	1
	Swap Id	4
	Туре	Passive
	Net Name	N822318
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS820148	
	ID	1136	
	Reference	D20	
	Designator		7
	Part Reference	D20	
	Value	LED GREEN	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
INS820148 : D20	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD16	08CGCK.pdf
	DESCRIPTION	LED GREEN CLEAR CHIP SMD	
	MIN BUY	2000	
	SUPPLIER NB	754-1545-2-ND	
	MANUFACTURER	Kingbright	
	MANUFACTURER NB	APTD1608CGCK	
	SUPPLIER	Digi-Key	
	PRICE	0.15934	
	EQUIPPED	Υ	
	EQUIPPED-PROTO		
	PCB Footprint	LED_0603M1608	

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D20/ANODE	Туре	Passive
	Net Name	N819970
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D20/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N820186
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS819948
	ID	1130
	Reference	R53
	Designator	
	Part Reference	R53
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS819948 : R53	Implementation Path	
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value	
	Name	1	
	Number	1	
	Swap Id	4	
1 : R53/1	Туре	Passive	
	Net Name	N819982	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R53/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS828636
	ID	1545
	Reference	R80
	Designator	
	Part Reference	R80
	Value	1K
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS828636 : R80	Implementation Path	
	DESCRIPTION	RES 100K OHM 1/10W 1% 0603 SMD
	PRICE	0.014
	SUPPLIER	Digi-Key
	MANUFACTURER NB	MCR03ERTF1003
	MANUFACTURER	Rohm Semiconductor
	SUPPLIER NB	RHM100KCFCT-ND
	MIN BUY	10
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R80/1	Туре	Passive
	Net Name	N828664
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2:R80/2	Туре	Passive
	Net Name	D9_PB1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS809749
	ID	835
	Reference	R38
	Designator	
	Part Reference	R38
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS809749 : R38	Implementation Path	
	EQUIPPED	Υ
	MIN BUY	10
	SUPPLIER NB	RHM100KCFCT-ND
	MANUFACTURER	Rohm Semiconductor
	MANUFACTURER NB	MCR03ERTF1003
	SUPPLIER	Digi-Key
	PRICE	0.014
	DESCRIPTION	RES 100K OHM 1/10W 1% 0603 SMD
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R38/1	Туре	Passive
	Net Name	D3_PD4
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R38/2	Туре	Passive
	Net Name	3V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS820052	
	ID	1154	
	Reference	D18	
	Designator		
	Part Reference	D18	
	Value	LED GREEN	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		PTD1608CGCK.pdf
INS820052 : D18	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD16080	
	DESCRIPTION	LED GREEN CLEAR CHIP SMD	
	MIN BUY	2000	
	SUPPLIER NB	754-1545-2-ND	
	MANUFACTURER	Kingbright	
	MANUFACTURER NB	APTD1608CGCK	
	SUPPLIER	Digi-Key	
	PRICE	0.15934	
	EQUIPPED	Υ	
	EQUIPPED-PROTO		
	PCB Footprint	LED_0603M1608	

Object	Property Name	Property Value	
ANODE : D18/ANODE	Name	ANODE	
	Number	2	
	Swap Id	-1	
	Туре	Passive	
	Net Name	N819918	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D18/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N820090
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS821164	
	ID	1250	
	Reference	D24	
	Designator		
	Part Reference	D24	
	Value	LED GREEN	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
INS821164 : D24	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CG0	APTD1608CGCK.pdf
	EQUIPPED	Υ	
	PRICE	0.15934	
	SUPPLIER	Digi-Key	
	MANUFACTURER NB	APTD1608CGCK	
	MANUFACTURER	Kingbright	
	SUPPLIER NB	754-1545-2-ND	
	MIN BUY	2000	
	DESCRIPTION	LED GREEN CLEAR CHIP SMD	
	EQUIPPED-PROTO		
	PCB Footprint	LED_0603M1608	

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D24/ANODE	Туре	Passive
	Net Name	N821078
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D24/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N821214
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS819852	
	ID	1160	
	Reference	D15	
	Designator		
	Part Reference	D15	
	Value	LED GREEN	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
INS819852 : D15	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGC	K.pdf
	DESCRIPTION	LED GREEN CLEAR CHIP SMD	
	MIN BUY	2000	
	SUPPLIER NB	754-1545-2-ND	
	MANUFACTURER	Kingbright	
	MANUFACTURER NB	APTD1608CGCK	
	SUPPLIER	Digi-Key	
	PRICE	0.15934	
	EQUIPPED	Y	
	EQUIPPED-PROTO		
	PCB Footprint	LED_0603M1608	

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D15/ANODE	Туре	Passive
	Net Name	N819830
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D15/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N819902
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS814301
	ID	1025
	Reference	D13
	Designator	
	Part Reference	D13
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS814301 : D13	PCB Footprint	LED_0603M1608
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	MIN BUY	2000
	SUPPLIER NB	754-1545-2-ND
	MANUFACTURER	Kingbright
	MANUFACTURER NB	APTD1608CGCK
	SUPPLIER	Digi-Key
	PRICE	0.15934
	EQUIPPED	Υ
	EQUIPPED-PROTO	

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	4
ANODE : D13/ANODE	Туре	Passive
	Net Name	N814333
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D13/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N814340
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS820940
	ID	1218
	Reference	U17
	Designator	
	Part Reference	U17
	Value	74HC595
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS820940 : U17	RATED TEMP	-40℃ ~ 85℃
	DESCRIPTION	IC SHIFT REGISTER 8-BIT 16-TSSOP
	EQUIPPED	Υ
	PRICE	0.27552
	MANUFACTURER NB	MM74HC595MTCX
	MANUFACTURER	ON Semiconductor
	SUPPLIER NB	MM74HC595MTCXDKR-ND
	MIN BUY	2500
	SUPPLIER	Digi-Key
	DATASHEET	https://www.onsemi.com/pub/Collateral/MM74HC595-D
	PCB Footprint	tssop16

Object	Property Name	Property Value
	Name	GND
	Number	8
	Swap Id	-1
GND : U17/GND	Туре	Power
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	SDO
	Number	9
SDO : U17/SDO	Swap Id	-1
	Туре	Output
	Net Name	SHIFT_3-4
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	C\L\R\
	Number	10
C\L\R\: U17/C\L\R\	Swap Id	-1
	Туре	Input
	Net Name	5V
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	G\
	Number	13
G\: U17/G\	Swap Id	-1
	Туре	Input
	Net Name	GND_POWER
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	SDI
	Number	14
SDI: U17/SDI	Swap Id	-1
	Туре	Input
	Net Name	SHIFT_2-3
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	VCC
	Number	16
VCC : U17/VCC	Swap Id	-1
	Туре	Power
	Net Name	5V
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	SRCLK
	Number	11
SRCLK: U17/SRCLK	Swap Id	-1
	Туре	Input
	Net Name	PB5_D13_SCK
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	RCLK
	Number	12
RCLK: U17/RCLK	Swap Id	-1
	Туре	Input
	Net Name	D8_PB0
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	QA
	Number	15
QA : U17/QA	Swap Id	-1
	Туре	3 State
	Net Name	N821046
	Order	8
	Is No Connect	False

Object	Property Name	Property Value	
	Name	QB	
	Number	1	
QB : U17/QB	Swap Id	-1	
	Туре	3 State	
	Net Name	N821062	
	Order	9	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	QC
	Number	2
QC : U17/QC	Swap Id	-1
	Туре	3 State
	Net Name	N821078
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
	Name	QD
	Number	3
QD : U17/QD	Swap Id	-1
	Туре	3 State
	Net Name	N821122
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
	Name	QE
	Number	4
QE : U17/QE	Swap Id	-1
	Туре	3 State
	Net Name	N821150
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
	Name	QF
	Number	5
QF : U17/QF	Swap Id	-1
	Туре	3 State
	Net Name	N821158
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
	Name	QG
	Number	6
QG : U17/QG	Swap Id	-1
	Туре	3 State
	Net Name	N821202
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
	Name	QH
	Number	7
QH : U17/QH	Swap Id	-1
	Туре	3 State
	Net Name	N821226
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822284
	ID	1338
	Reference	R67
	Designator	
	Part Reference	R67
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS822284 : R67	Implementation Path	
	EQUIPPED	Υ
	PRICE	0.019
	SUPPLIER	Digi-Key
	MANUFACTURER	Panasonic - ECG
	MANUFACTURER NB	ERJ-3EKF33R0V
	SUPPLIER NB	P33.0HCT-ND
	MIN BUY	50
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
1:R67/1	Swap Id	4
	Туре	Passive
	Net Name	N822318
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R67/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS820164
	ID	1127
	Reference	R57
	Designator	
	Part Reference	R57
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS820164 : R57	Implementation Path	
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
1 : R57/1	Swap Id	-1
	Туре	Passive
	Net Name	N820186
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R57/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS821380	
	ID	1235	
	Reference	D28	
	Designator		
	Part Reference	D28	
	Value	LED GREEN	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
INS821380 : D28	Implementation Path		
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGC	K.pdf
	DESCRIPTION	LED GREEN CLEAR CHIP SMD	
	MIN BUY	2000	
	SUPPLIER NB	754-1545-2-ND	
	MANUFACTURER	Kingbright	
	MANUFACTURER NB	APTD1608CGCK	
	SUPPLIER	Digi-Key	
	PRICE	0.15934	
	EQUIPPED	Υ	
	EQUIPPED-PROTO		
	PCB Footprint	LED_0603M1608	

Object	Property Name	Property Value
	Name	ANODE
	Number	2
ANODE : D28/ANODE	Swap Id	-1
	Туре	Passive
	Net Name	N821202
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D28/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N821418
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS820068
	ID	1186
	Reference	R55
	Designator	
	Part Reference	R55
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS820068 : R55	Implementation Path	
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
1 : R55/1	Swap Id	-1
	Туре	Passive
	Net Name	N820090
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R55/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS813907
	ID	985
	Reference	D7
	Designator	
	Part Reference	D7
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS813907 : D7	PCB Footprint	LED_0603M1608
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	MIN BUY	2000
	SUPPLIER NB	754-1545-2-ND
	MANUFACTURER	Kingbright
	MANUFACTURER NB	APTD1608CGCK
	SUPPLIER	Digi-Key
	PRICE	0.15934
	EQUIPPED	Υ
	EQUIPPED-PROTO	

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D7/ANODE	Туре	Passive
	Net Name	N814203
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
_	Name	CATHODE
	Number	1
CATHODE : D7/CATHODE	Swap Id	4
	Туре	Passive
	Net Name	N814364
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS809059
	ID	805
	Reference	R35
	Designator	
	Part Reference	R35
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
NS809059 : R35	Implementation Path	
	DESCRIPTION	RES 100K OHM 1/10W 1% 0603 SMD
	PRICE	0.014
	SUPPLIER	Digi-Key
	MANUFACTURER NB	MCR03ERTF1003
	MANUFACTURER	Rohm Semiconductor
	SUPPLIER NB	RHM100KCFCT-ND
	MIN BUY	10
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R35/1	Туре	Passive
	Net Name	D7_PD7
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R35/2	Туре	Passive
	Net Name	3V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS821180
	ID	1247
	Reference	R61
	Designator	
	Part Reference	R61
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS821180 : R61	Implementation Path	
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R61/1	Туре	Passive
	Net Name	N821214
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R61/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822696
	ID	1350
	Reference	D37
	Designator	
	Part Reference	D37
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS822696 : D37	EQUIPPED-PROTO	
	EQUIPPED	Υ
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D37/ANODE	Туре	Passive
	Net Name	N822494
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
	Swap Id	-1
CATHODE : D37/CATHODE	Туре	Passive
	Net Name	N822734
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS819868
	ID	1142
	Reference	R52
	Designator	
	Part Reference	R52
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
NS819868 : R52	Implementation Path	
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value	
	Name	1	
	Number	1	
	Swap Id	-1	
1 : R52/1	Туре	Passive	
	Net Name	N819902	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R52/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS809562
	ID	823
	Reference	SW7
	Designator	
	Part Reference	SW7
	Value	PB-NO
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS809562 : SW7	Implementation Path	
	DESCRIPTION	SWITCH TACTILE SPST-NO 0.02A 15V
	MIN BUY	50
	SUPPLIER NB	P12941SCT-ND
	MANUFACTURER NB	EVQ-Q2K01W
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.311
	EQUIPPED	Υ
	PCB Footprint	button_EVQQ2
	Filename	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : SW7/1	Туре	Passive
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
	Swap Id	-1
4 : SW7/4	Туре	Passive
	Net Name	D6_PD6
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : SW7/2	Туре	Passive
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	3
	Number	3
	Swap Id	-1
3 : SW7/3	Туре	Passive
	Net Name	D6_PD6
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS814011
	ID	997
	Reference	D9
	Designator	
	Part Reference	D9
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS814011 : D9	PCB Footprint	LED_0603M1608
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.p
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	MIN BUY	2000
	SUPPLIER NB	754-1545-2-ND
	MANUFACTURER	Kingbright
	MANUFACTURER NB	APTD1608CGCK
	SUPPLIER	Digi-Key
	PRICE	0.15934
	EQUIPPED	Υ
	EQUIPPED-PROTO	

Object	Property Name	Property Value
ANODE : D9/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Туре	Passive
	Net Name	N814233
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D9/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N814356
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS819768
	ID	1180
	Reference	D14
	Designator	
	Part Reference	D14
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS819768 : D14	Implementation Path	
	EQUIPPED	Υ
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608C
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
ANODE : D14/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Туре	Passive
	Net Name	N819814
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D14/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N819818
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS821284	
	ID	1265	
	Reference	D26	
	Designator		
	Part Reference	D26	
	Value	LED GREEN	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
INS821284 : D26	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCk	C.pdf
	DESCRIPTION	LED GREEN CLEAR CHIP SMD	
	MIN BUY	2000	
	SUPPLIER NB	754-1545-2-ND	
	MANUFACTURER	Kingbright	
	MANUFACTURER NB	APTD1608CGCK	
	SUPPLIER	Digi-Key	
	PRICE	0.15934	
	EQUIPPED	Υ	
	EQUIPPED-PROTO		
	PCB Footprint	LED_0603M1608	

Object	Property Name	Property Value
ANODE : D26/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Туре	Passive
	Net Name	N821150
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D26/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N821322
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS814115
	ID	1006
	Reference	D11
	Designator	
	Part Reference	D11
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS814115 : D11	PCB Footprint	LED_0603M1608
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	MIN BUY	2000
	SUPPLIER NB	754-1545-2-ND
	MANUFACTURER	Kingbright
	MANUFACTURER NB	APTD1608CGCK
	SUPPLIER	Digi-Key
	PRICE	0.15934
	EQUIPPED	Υ
	EQUIPPED-PROTO	

Object	Property Name	Property Value	
ANODE : D11/ANODE	Name	ANODE	
	Number	2	
	Swap Id	-1	
	Туре	Passive	
	Net Name	N814257	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
CATHODE : D11/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N814348
	Order	1
		Is No Connect

Object	Property Name	Property Value	
	Name	INS821084	
	ID	1274	
	Reference	D23	
	Designator		
	Part Reference	D23	
	Value	LED GREEN	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
INS821084 : D23	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGC	K.pdf
	DESCRIPTION	LED GREEN CLEAR CHIP SMD	
	MIN BUY	2000	
	SUPPLIER NB	754-1545-2-ND	
	MANUFACTURER	Kingbright	
	MANUFACTURER NB	APTD1608CGCK	
	SUPPLIER	Digi-Key	
	PRICE	0.15934	
	EQUIPPED	Υ	
	EQUIPPED-PROTO		
	PCB Footprint	LED_0603M1608	

Object	Property Name	Property Value	
	Name	ANODE	
	Number	2	
ANODE : D23/ANODE	Swap Id	-1	
	Туре	Passive	
	Net Name	N821062	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D23/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N821134
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS814317
	ID	1028
	Reference	R46
	Designator	
	Part Reference	R46
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS814317 : R46	Implementation Path	
	PCB Footprint	0603M1608
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ

Object	Property Name	Property Value	
	Name	1	
	Number	1	
1 : R46/1	Swap Id	-1	
	Туре	Passive	
	Net Name	N814340	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R46/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822600
	ID	1335
	Reference	D35
	Designator	
	Part Reference	D35
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS822600 : D35	EQUIPPED-PROTO	
	EQUIPPED	Υ
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.p
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D35/ANODE	Туре	Passive
	Net Name	N822426
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D35/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N822638
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822500
	ID	1359
	Reference	D33
	Designator	
	Part Reference	D33
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
NS822500 : D33	EQUIPPED-PROTO	
	EQUIPPED	Υ
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
SUP	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD160
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D33/ANODE	Туре	Passive
	Net Name	N822390
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D33/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N822538
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
-	Name	INS821396
	ID	1244
	Reference	R65
	Designator	
	Part Reference	R65
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS821396 : R65	Implementation Path	
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value	
	Name	1	
	Number	1	
	Swap Id	-1	
1 : R65/1	Туре	Passive	
	Net Name	N821418	
	Order	Order	0
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R65/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS813923
	ID	982
	Reference	R40
	Designator	
	Part Reference	R40
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS813923 : R40	Implementation Path	
	PCB Footprint	0603M1608
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R40/1	Туре	Passive
	Net Name	N814364
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R40/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822712
	ID	1344
	Reference	R74
	Designator	
	Part Reference	R74
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS822712 : R74	Implementation Path	
	EQUIPPED	Υ
	PRICE	0.019
	SUPPLIER	Digi-Key
	MANUFACTURER	Panasonic - ECG
	MANUFACTURER NB	ERJ-3EKF33R0V
	SUPPLIER NB	P33.0HCT-ND
	MIN BUY	50
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R74/1	Туре	Passive
	Net Name	N822734
	Orde	Order
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2:R74/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS814027
	ID	994
	Reference	R42
	Designator	
	Part Reference	R42
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS814027 : R42	Implementation Path	
	PCB Footprint	0603M1608
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R42/1	Туре	Passive
	Net Name	N814356
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R42/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS819784
	ID	1148
	Reference	R51
	Designator	
	Part Reference	R51
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS819784 : R51	Implementation Path	
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R51/1	Туре	Passive
	Net Name	N819818
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2:R51/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS821300
	ID	1238
	Reference	R63
	Designator	
	Part Reference	R63
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS821300 : R63	Implementation Path	
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R63/1	Туре	Passive
	Net Name	N821322
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R63/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS814131
	ID	1009
	Reference	R44
	Designator	
	Part Reference	R44
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS814131 : R44	Implementation Path	
	PCB Footprint	0603M1608
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R44/1	Туре	Passive
	Net Name	N814348
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R44/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS821100
	ID	1259
	Reference	R60
	Designator	
	Part Reference	R60
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS821100 : R60	Implementation Path	
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R60/1	Туре	Passive
	Net Name	N821134
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R60/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822616
	ID	1303
	Reference	R72
	Designator	
	Part Reference	R72
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS822616 : R72	Implementation Path	
	EQUIPPED	Υ
	PRICE	0.019
	SUPPLIER	Digi-Key
	MANUFACTURER	Panasonic - ECG
	MANUFACTURER NB	ERJ-3EKF33R0V
	SUPPLIER NB	P33.0HCT-ND
	MIN BUY	50
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	4
1 : R72/1	Туре	Passive
	Net Name	N822638
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R72/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS821000
	ID	1253
	Reference	D22
	Designator	
	Part Reference	D22
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
NS821000 : D22	Implementation Path	
	EQUIPPED	Υ
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CG
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D22/ANODE	Туре	Passive
	Net Name	N821046
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
	Swap Id	-1
CATHODE : D22/CATHODE	Туре	Passive
	Net Name	N821050
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822516
	ID	1341
	Reference	R70
	Designator	
	Part Reference	R70
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS822516: R70	Implementation Path	
	EQUIPPED	Υ
	PRICE	0.019
	SUPPLIER	Digi-Key
	MANUFACTURER	Panasonic - ECG
	MANUFACTURER NB	ERJ-3EKF33R0V
	SUPPLIER NB	P33.0HCT-ND
	MIN BUY	50
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	4
1 : R70/1	Туре	Passive
	Net Name	N822538
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R70/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS834937
	ID	1571
	Reference	Q7
	Designator	
	Part Reference	Q7
	Value	MMBT3904/SOT
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS834937 : Q7	PCB Footprint	SOT23-3
	DATASHEET	http://www.onsemi.com/pub_link/Collateral/MMBT3904LT1-D.Pl
	DESCRIPTION	TRANS NPN 40V 0.2A SOT23
	MIN BUY	25
	SUPPLIER NB	MMBT3904LT1GOSCT-ND
	MANUFACTURER	ON Semiconductor
	MANUFACTURER NB	MMBT3904LT1G
	SUPPLIER	Digi-Key
	PRICE	0.136
	EQUIPPED	Υ
	RATED TEMP	-55 to +150

Object	Property Name	Property Value
	Name	В
	Number	1
	Swap Id	-1
B : Q7/B	Туре	Passive
	Net Name	N818525
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	С
	Number	3
	Swap Id	-1
C : Q7/C	Туре	Passive
	Net Name	SPEAKER_OUT
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	Е
	Number	2
	Swap Id	-1
E : Q7/E	Туре	Passive
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS820196	
	ID	1133	
	Reference	D21	
	Designator		
	Part Reference	D21	
	Value	LED GREEN	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
INS820196 : D21	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCI	<.pdf
	DESCRIPTION	LED GREEN CLEAR CHIP SMD	
	MIN BUY	2000	
	SUPPLIER NB	754-1545-2-ND	
	MANUFACTURER	Kingbright	
	MANUFACTURER NB	APTD1608CGCK	
	SUPPLIER	Digi-Key	
	PRICE	0.15934	
	EQUIPPED	Υ	
	EQUIPPED-PROTO		
	PCB Footprint	LED_0603M1608	

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D21/ANODE	Туре	Passive
	Net Name	N819994
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D21/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N820234
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS810093
	ID	843
	Reference	SW6
	Designator	
	Part Reference	SW6
	Value	PB-NO
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS810093 : SW6	Implementation Path	
	DESCRIPTION	SWITCH TACTILE SPST-NO 0.02A 15V
	MIN BUY	50
	SUPPLIER NB	P12941SCT-ND
	MANUFACTURER NB	EVQ-Q2K01W
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.311
	EQUIPPED	Υ
	PCB Footprint	button_EVQQ2
	Filename	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : SW6/1	Туре	Passive
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	4
	Number	4
4 : SW6/4	Swap Id	-1
	Туре	Passive
	Net Name	D4_PD4_T1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : SW6/2	Туре	Passive
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value	
	Name	3	
3 : SW6/3	Number	3	
	Swap Id	-1	
	Туре	Passive	
	Net Name	D4_PD4_T1	
	Order	3	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	INS835550
	ID	1579
	Reference	Q8
	Designator	
	Part Reference	Q8
	Value	MMBT3904/SOT
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS835550 : Q8	PCB Footprint	SOT23-3
	DATASHEET	http://www.onsemi.com/pub_link/Collateral/MMBT3904LT1-D.Pf
	DESCRIPTION	TRANS NPN 40V 0.2A SOT23
	MIN BUY	25
	SUPPLIER NB	MMBT3904LT1GOSCT-ND
	MANUFACTURER	ON Semiconductor
	MANUFACTURER NB	MMBT3904LT1G
	SUPPLIER	Digi-Key
	PRICE	0.136
	EQUIPPED	Υ
	RATED TEMP	-55 to +150

Object	Property Name	Property Value
	Name	В
	Number	1
B : Q8/B	Swap Id	-1
	Туре	Passive
	Net Name	N828664
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	С
	Number	3
C : Q8/C	Swap Id	-1
	Туре	Passive
	Net Name	N818525
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	E
	Number	2
E: Q8/E	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS820100	
	ID	1151	
	Reference	D19	
	Designator		
	Part Reference	D19	
	Value	LED GREEN	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
INS820100 : D19	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCk	K.pdf
	DESCRIPTION	LED GREEN CLEAR CHIP SMD	
	MIN BUY	2000	
	SUPPLIER NB	754-1545-2-ND	
	MANUFACTURER	Kingbright	
	MANUFACTURER NB	APTD1608CGCK	
	SUPPLIER	Digi-Key	
	PRICE	0.15934	
	EQUIPPED	Υ	
	EQUIPPED-PROTO		
	PCB Footprint	LED_0603M1608	

Object	Property Name	Property Value
	Name	ANODE
	Number	2
ANODE : D19/ANODE	Swap Id	-1
	Туре	Passive
	Net Name	N819926
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D19/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N820138
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS820000
	ID	1183
	Reference	D17
	Designator	
	Part Reference	D17
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS820000 : D17	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	MIN BUY	2000
	SUPPLIER NB	754-1545-2-ND
	MANUFACTURER	Kingbright
	MANUFACTURER NB	APTD1608CGCK
	SUPPLIER	Digi-Key
	PRICE	0.15934
	EQUIPPED	Υ
	EQUIPPED-PROTO	
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
ANODE : D17/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Туре	Passive
	Net Name	N819890
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D17/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N820038
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS829090
	ID	1553
	Reference	R81
	Designator	
	Part Reference	R81
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS829090 : R81	Implementation Path	
	EQUIPPED	Υ
	PRICE	0.019
	SUPPLIER	Digi-Key
	MANUFACTURER	Panasonic - ECG
	MANUFACTURER NB	ERJ-3EKF33R0V
	SUPPLIER NB	P33.0HCT-ND
	MIN BUY	50
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	PCB Footprint	0603M1608

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R81/1	Туре	Passive
	Net Name	N818525
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R81/2	Swap Id	-1
	Туре	Passive
	Net Name	BAT+
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS821016
	ID	1268
	Reference	R59
	Designator	
	Part Reference	R59
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
NS821016 : R59	Implementation Path	
	DESCRIPTION	RES 33 OHM 1/10W 1% 0603 SMD
	MIN BUY	50
	SUPPLIER NB	P33.0HCT-ND
	MANUFACTURER NB	ERJ-3EKF33R0V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.019
	EQUIPPED	Υ
	PCB Footprint	0603M1608

Object	Property Name	Property Value	
	Name	1	
	Number	1	
	Swap Id	-1	
1 : R59/1	Туре	Passive	
	Net Name	N821050	
	Order	0	
		Is No Connect	False

Object	Property Name	Property Value
2:R59/2	Name	2
	Number	2
	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS809801
	ID	830
	Reference	SW8
	Designator	
	Part Reference	SW8
	Value	PB-NO
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS809801 : SW8	Implementation Path	
	EQUIPPED	Υ
	PRICE	0.311
	SUPPLIER	Digi-Key
	MANUFACTURER	Panasonic - ECG
	MANUFACTURER NB	EVQ-Q2K01W
	SUPPLIER NB	P12941SCT-ND
	MIN BUY	50
	DESCRIPTION	SWITCH TACTILE SPST-NO 0.02A 15V
	PCB Footprint	button_EVQQ2
	Filename	

Object	Property Name	Property Value
1 : SW8/1	Name	1
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
4 : SW8/4	Name	4
	Number	4
	Swap Id	-1
	Туре	Passive
	Net Name	D3_PD4
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
2:SW8/2	Name	2
	Number	2
	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
3 : SW8/3	Name	3
	Number	3
	Swap Id	-1
	Туре	Passive
	Net Name	D3_PD4
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822432
	ID	1332
	Reference	D32
	Designator	
	Part Reference	D32
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS822432 : D32	EQUIPPED-PROTO	
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	MIN BUY	2000
	SUPPLIER NB	754-1545-2-ND
	MANUFACTURER	Kingbright
	MANUFACTURER NB	APTD1608CGCK
	SUPPLIER	Digi-Key
	PRICE	0.15934
	EQUIPPED	Υ
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD16
	PCB Footprint	LED_0603M1608

APTD1608CGCK.pdf

Object	Property Name	Property Value
ANODE : D32/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Туре	Passive
	Net Name	N822346
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D32/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N822482
	Order	1
	Is No Connect	False