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
MCU	Bounding Box Top	570
	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
SMT/TH	Bounding Box Top	290
	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	
	Bounding Box Right	392	
SMT/TH	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
ARDUINO Nano	Bounding Box Top	560
	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]
	Title	Control Ventilator]
	RevCode	1.0]
	Cage Code]
	OrgName	Dapem]
	OrgAddr1]
	OrgAddr2]
	OrgAddr3]
	OrgAddr4]
	Document	Module view]
	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	Friday, March 27, 2020]
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Object	Property Name	Property Value
	Name	1800305
	Left	60
Rectangle	Тор	500
	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

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-MIX
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 = 803273)	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
	I.B N	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_TT
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
7	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 Namo	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 (WIRE 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
Ohioot	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

Object	I Business to Name	Donasta Value
Object 3V3 : 3V3 (Wire ID = 829271)	Property Name	Property Value
, ,	Name	3V3
Object	Property Name	Property Value
5V : 5V (Wire ID = 829275)	Name	5V
Olitera	I Business to Name	Down auto Valor
Object A0_PC0_D14 : A0_PC0_D14 (Wire ID = 82)	Property Name	Property Value
	Name	A0_PC0_D14
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID =	829291) Name	GND_POWER
Object	Dronorty Nama	Proporty Volus
GND_POWER : GND_POWER (Wire ID =	Property Name 829295) Name	Property Value GND_POWER
· · · · · · · · · · · · · · · · · · ·	ivalle	GND_FOWLK
Object	Property Name	Property Value
OND DOWER	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	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	GND_POWER
Ohioat	Duamanto Nama	Droposty Valva
Object	Property Name	Property Value 5V-AR
5V-AR	Name Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
3V3-AR	Name	3V3-AR
	Source Library Source Symbol	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM VCC_BAR
	Source Symbol	VCC_DAIN
Object	Property Name	Property Value
	Name	AREF
AREF	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	VIN
VIN	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	VCC_BAR
Object	I Burn (N	I Brown and a V .
Object	Property Name	Property Value
-	Name	IOREF
IOREF		C-ICADENCEIODD 46 SITOOLOICADTUDEILIDDADACADOVA
	Source Library Source Symbol	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM

	Name	3V3-AR
3V3-AR	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	VCC_BAR
	•	
Object	Property Name	Property Value
	Name	5V-AR
5V-AR	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	VCC_BAR
	·	·
Object	Property Name	Property Value
CND DOWER	Name	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY
	Source Symbol	GND_POWER
Object	Property Name	Property Value
Object		VIN
VIN	Name Saurea Library	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	AREF
AREF	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	GND_POWER
Ohioat	Description Manage	Drawantu Valua
Object	Property Name	Property Value
-	Name	GND_POWER
Object GND_POWER	Name Source Library	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Name	GND_POWER
	Name Source Library	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
GND_POWER	Name Source Library Source Symbol	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY GND_POWER
	Name Source Library	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
GND_POWER	Name Source Library Source Symbol Property Name	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C GND_POWER Property Value
GND_POWER Object	Name Source Library Source Symbol Property Name Name Source Library	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C GND_POWER Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
GND_POWER Object	Name Source Library Source Symbol Property Name Name	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C GND_POWER Property Value 3V3
GND_POWER Object 3V3	Name Source Library Source Symbol Property Name Name Source Library Source Symbol	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C GND_POWER Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C VCC_BAR
GND_POWER Object	Name Source Library Source Symbol Property Name Name Source Library	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C GND_POWER Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C VCC_BAR Property Value
Object 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.C GND_POWER Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C VCC_BAR Property Value 5V
GND_POWER Object 3V3	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Library	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C GND_POWER Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C VCC_BAR Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
Object 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.C GND_POWER Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C VCC_BAR Property Value 5V
Object Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Library	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C GND_POWER Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C VCC_BAR Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
Object Object Object SV	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C GND_POWER Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C VCC_BAR Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C VCC_BAR
Object Object Object	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	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C GND_POWER Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C VCC_BAR Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C VCC_BAR Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
Object 3V3 Object 5V	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C GND_POWER Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C VCC_BAR Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C VCC_BAR Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C VCC_BAR
Object Object Object Object	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	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C GND_POWER Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C VCC_BAR Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C VCC_BAR Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C

Name

Object

Property Value

3V3-AR

	Name	3V3
3V3	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	VCC_BAR
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 Cymper	ONS_FOREX
Object	Property Name	Property Value
0.0,000	Name	5V
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	VCC_BAR
	Source Symbol	VCC_DAIL
Object	Property Name	Property Value
Object		3V3
3V3	Name	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	VCC_BAR
Object	D	Danie ante Melice
Object	Property Name	Property Value
GND_POWER	Name	GND_POWER
OND_I OWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	GND_POWER
Object	Property Name	Property Value
EV.	Name	5V
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Property Name	Property Value
Object 3V3		
	Name	3V3
	Name Source Library	3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Name Source Library	3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Name Source Library	3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
3V3 Object	Name Source Library Source Symbol	3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM. VCC_BAR
3V3	Name Source Library Source Symbol Property Name	3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM. VCC_BAR Property Value
3V3 Object	Name Source Library Source Symbol Property Name Name Source Library	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.\
3V3 Object	Name Source Library Source Symbol Property Name Name	3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM. VCC_BAR Property Value GND_POWER
3V3 Object	Name Source Library Source Symbol Property Name Name Source Library	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 GND_POWER	Name Source Library Source Symbol Property Name Name Source Library Source Symbol	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. GND_POWER
3V3 Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name	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. GND_POWER Property Value Property Value
Object GND_POWER	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name	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. GND_POWER Property Value 5V
Object GND_POWER Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Library	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.\ GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.\
Object GND_POWER Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name	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. GND_POWER Property Value 5V
Object GND_POWER Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Library	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.\ GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.\
Object GND_POWER Object 5V	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	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. GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM. VCC_BAR
Object GND_POWER Object	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	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.\ GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.\ VCC_BAR Property Value
Object Object Object Object Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	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. GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM. VCC_BAR Property Value 3V3
Object GND_POWER Object 5V	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	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.\ GND_POWER Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.\ VCC_BAR Property Value

Name

Property Value

3V3

Object

Object	Property Name	Property Value
CND DOWED	Name	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	GND_POWER
01.1	15	
Object	Property Name	Property Value
3V3	Name	3V3
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
Object		
3V3	Name	3V3
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
0.0,000	Name	V_SUPPLY
V_SUPPLY	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	VCC_BAR
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
Object	Name	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	GND_POWER
	Courte Cymbol	GND_I OWER
Object	Property Name	Property Value
	Name	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	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.C
	Source Symbol	GND_POWER
Object	Property Name Name	Property Value 5V
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	VCC_BAR
	1	
Object	Property Name	Property Value
Object	Name	3V3
Object		
3V3		C:\CADENCE\SPB 16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Library Source Symbol	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.(VCC_BAR
	Source Library	
	Source Library	VCC_BAR Property Value
3V3 Object	Source Library Source Symbol Property Name Name	Property Value GND_POWER
3V3	Source Library Source Symbol Property Name	Property Value

Object	Property Name	Property Value
	Name	5V
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	3V3
3V3	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\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\CAPSYM.OLE
	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.OLB
	Source Symbol	GND_POWER
	•	<u> </u>
Object	Property Name	Property Value
Object	Name	GND_POWER
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLE
	Source Symbol	GND_POWER
	Societ Cymbei	5.00_15.00.
Object	Property Name	Property Value
Object	Name	BAT+
BAT+	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR
	Sounds Symbol	100_5
Object	Property Name	Property Value
Object		BAT+
BAT+	Name Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLE
	Source Library	
	Source Symbol	
	Source Symbol	VCC_BAR
Object		VCC_BAR
Object	Property Name	VCC_BAR Property Value
	Property Name Name	Property Value 5V
Object 5V	Property Name Name Source Library	Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLE
	Property Name Name	Property Value 5V
5V	Property Name Name Source Library Source Symbol	Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.OLE VCC_BAR
	Property Name Name Source Library	Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLE VCC_BAR Property Value
5V Object	Property Name Name Source Library Source Symbol	Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB VCC_BAR Property Value 3V3
5V	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB VCC_BAR Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
5V Object	Property Name Name Source Library Source Symbol Property Name Name	Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLE VCC_BAR Property Value 3V3
5V Object	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLE VCC_BAR Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLE
5V Object	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB VCC_BAR Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB VCC_BAR Property Value
Object Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB VCC_BAR Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB VCC_BAR
Object 3V3	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name	Property Value 5V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB VCC_BAR Property Value 3V3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB VCC_BAR Property Value

Property Value

Object TX_PD0:	Property Name Name Source Library Source Symbol	Property Value TX_PD0 C:\CADENCE\SPB_16:3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Name	TX_PD0
Object		
	T	
	Source Symbol	OFFPAGELEFT-L
RX_PD1:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Name	RX_PD1
Object	Property Name	Property Value
	Source Symbol	OFFFAGELEF I-L
	Source Library Source Symbol	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
/RESET_PC6:	Name Source Library	/RESET_PC6
Object	<u> </u>	
Object	Property Name	Property Value
	Source Symbol	OFFPAGELEFT-L
JL_, JL .	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
D2_PD2 :	Name	D2_PD2
Object	Property Name	Property Value
	Source Symbol	OFFPAGELEFT-L
D3_PD3:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Name	D3_PD3
Object	Property Name	Property Value
		•
	Source Symbol	OFFPAGELEFT-L
PC6_RESET:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
ONJUUL	Name	PC6_RESET
Object	Property Name	Property Value
	Source Symbol	OFFPAGELEFT-L
02_510.	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
A2_PC2_D16 :	Name	A2_PC2_D16
Object	Property Name	Property Value
	/ =	1-
	Source Symbol	OFFPAGELEFT-L
A1_PC1_D15:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Name	A1_PC1_D15
Object	Property Name	Property Value
	Course Cymbol	OTT NOLLETTE
	Source Symbol	OFFPAGELEFT-L
A0_PC0_D14:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
Object	Name	A0_PC0_D14
Object	Property Name	Property Value
	Source Symbol	OFFPAGELEFT-L
FB3_D13_3CR .	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
PB5_D13_SCK:	Name	PB5_D13_SCK

Property Value

Object Object D9_PB1:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value D6_PD6 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C OFFPAGELEFT-L Property Value D9_PB1 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C OFFPAGELEFT-L
D6_PD6: Object	Name Source Library Source Symbol Property Name Name	D6_PD6 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARYICAPSYM.C OFFPAGELEFT-L Property Value D9_PB1
D6_PD6:	Name Source Library Source Symbol Property Name	D6_PD6 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C OFFPAGELEFT-L Property Value
D6_PD6:	Name Source Library Source Symbol	D6_PD6 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY CAPSYM.C
	Name Source Library	D6_PD6 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Name Source Library	D6_PD6 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Name	D6_PD6
Object		
Object	Property Name	Property Value
	Source Symbol	OTTFAGLLLITE
	Source Symbol	OFFPAGELEFT-L
D7_PD7:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
Object	Name	D7_PD7
Object	Property Name	Property Value
	Source Symbol	OFFPAGELEFT-L
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
D4_PD4_T0 :	Name	D4_PD4_T0
Object	Property Name	Property Value
Ohioot	Duamanter Mana	Dramavis Valua
	Source Symbol	OFFPAGELEFT-L
D5_PD5_T1:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY
DE DDE T1 ·	Name	D5_PD5_T1
Object	Property Name	Property Value
	Source Symbol	OFFPAGELEFT-L
A7_D21 :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Name	A7_D21
Object	Property Name	Property Value
	Source Symbol	OFFPAGELEFT-L
A6_D20:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.0
	Name	A6_D20
Object	Property Name	Property Value
	Source Symbol	OFFFAGELEF 1-L
	Source Library Source Symbol	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
A5_PC5_D19_SCL :	Name Course Library	A5_PC5_D19_SCL
Object	Property Name	Property Value
011		15 () ()
	Source Symbol	OFFPAGELEFT-L
A4_PC4_D18_SDA:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Name	A4_PC4_D18_SDA
Object	Property Name	Property Value
	Source Symbol	OTT NOLLET I'L
	Source Symbol	OFFPAGELEFT-L
	Source Library	A3_PC3_D17 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
A3_PC3_D17:	Name	

Property Value

	Name	D8_PB0
D8_PB0:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
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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
	Source Symbol	OTT ACCECT TO
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
D. C. D. L. L. L. C.	Name	D12_PB4_MISO
D12_PB4_MISO:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
DD5 D40 00V	Name	PB5_D13_SCK
PB5_D13_SCK:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
	Course Cymber	OTT MODELLY E
	ocardo dymada	O TO TO THE TOTAL OF THE TOTAL
Object	Property Name	Property Value
		Property Value D18_PC5_SCL
Object D18_PC5_SCL:	Property Name Name Source Library	Property Value
	Property Name Name	Property Value D18_PC5_SCL
	Property Name Name Source Library Source Symbol	Property Value D18_PC5_SCL C:\Cadence\spb_16.3\tOOLS\Capture\Library\capsym
	Property Name Name Source Library	Property Value D18_PC5_SCL C:\Cadence\spb_16.3\tOOLS\Capture\Library\capsym
D18_PC5_SCL : Object	Property Name Name Source Library Source Symbol	Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L
D18_PC5_SCL :	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value D18_PC5_SCL C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYN OFFPAGELEFT-L Property Value
D18_PC5_SCL : Object	Property Name Name Source Library Source Symbol Property Name Name	Property Value D18_PC5_SCL C:\Cadence\spb_16.3\TOOL\$\Capture\Library\capsym OFFPAGELEFT-L Property Value PC6_RESET
D18_PC5_SCL: Object PC6_RESET:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value D18_PC5_SCL 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
D18_PC5_SCL : Object	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value D18_PC5_SCL 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
Object Object Object Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value D18_PC5_SCL 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 PC6_RESET C:\Cadence\spb_16.3\tools\capture\Library\capsym OFFPAGELEFT-L
D18_PC5_SCL: Object PC6_RESET:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value D18_PC5_SCL 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
Object Object Object Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name Name	Property Value D18_PC5_SCL 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 PC6_RESET C:\Cadence\spb_16.3\tools\capture\Library\capsym OFFPAGELEFT-L
Object PC6_RESET: Object A0_PC0_D14:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	Property Value D18_PC5_SCL 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 A0_PC0_D14 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM OFFPAGELEFT-L
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 D18_PC5_SCL 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 A0_PC0_D14 C:\Cadence\spb_16.3\tools\capture\Library\capsym OFFPAGELEFT-L Property Value A0_PC0_D14 C:\Cadence\spb_16.3\tools\capture\Library\capsym OFFPAGELEFT-L
Object Object Object A0_PC0_D14:	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 D18_PC5_SCL 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 A0_PC0_D14 C:\Cadence\spb_16.3\tools\capture\Library\capsym OFFPAGELEFT-L Property Value A1_PC1_D15
Object PC6_RESET: Object A0_PC0_D14:	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 D18_PC5_SCL 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 A0_PC0_D14 C:\Cadence\spb_16.3\tools\capture\Library\capsym OFFPAGELEFT-L Property Value A1_PC1_D15 C:\Cadence\spb_16.3\tools\capture\Library\capsym
Object Object Object A0_PC0_D14:	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 D18_PC5_SCL 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 A0_PC0_D14 C:\Cadence\spb_16.3\tools\capture\Library\capsym OFFPAGELEFT-L Property Value A1_PC1_D15
Object Object A0_PC0_D14: Object A1_PC1_D15:	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 D18_PC5_SCL 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 A0_PC0_D14 C:\Cadence\SpB_16.3\TOOLS\Capture\Library\Capsym OFFPAGELEFT-L Property Value A1_PC1_D15 C:\Cadence\SpB_16.3\TOOLS\Capture\Library\Capsym OFFPAGELEFT-L
Object Object Object A0_PC0_D14:	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 D18_PC5_SCL 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 A0_PC0_D14 C:\Cadence\spb_16.3\tools\capture\library\capsym OFFPAGELEFT-L Property Value A1_PC1_D15 C:\Cadence\spb_16.3\tools\capture\library\capsym OFFPAGELEFT-L Property Value A1_PC1_D15 C:\Cadence\spb_16.3\tools\capture\library\capsym OFFPAGELEFT-L
Object Object Object A0_PC0_D14: Object A1_PC1_D15:	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 D18_PC5_SCL 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 A0_PC0_D14 C:\Cadence\SpB_16.3\TOOLS\Capture\Library\Capsym OFFPAGELEFT-L Property Value A1_PC1_D15 C:\Cadence\SpB_16.3\TOOLS\Capture\Library\Capsym OFFPAGELEFT-L Property Value A1_PC1_D15 C:\Cadence\SpB_16.3\TOOLS\Capture\Library\Capsym OFFPAGELEFT-L Property Value A2_PC2_D16
Object Object A0_PC0_D14: Object A1_PC1_D15:	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 D18_PC5_SCL 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 A0_PC0_D14 C:\Cadence\spb_16.3\tools\capture\library\capsym OFFPAGELEFT-L Property Value A1_PC1_D15 C:\Cadence\spb_16.3\tools\capture\library\capsym OFFPAGELEFT-L Property Value A1_PC1_D15 C:\Cadence\spb_16.3\tools\capture\library\capsym OFFPAGELEFT-L

Name

Object

Property Value

D8_PB0

Object	Property Name	Property Value
A2 DC2 D47.	Name	A3_PC3_D17
A3_PC3_D17 :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
Ohioot	Droporty Nome	Bronorty Volus
Object	Property Name	Property Value
A4_PC4_D18_SDA:	Name Cause Library	A4_PC4_D18_SDA
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
Coject	Name	A5_PC5_D19_SCL
A5_PC5_D19_SCL :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
	Source Symbol	OTT ACCEL TE
Object	Property Name	Property Value
,	Name	D12_PB4_MISO
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
D10_PB2_SS:	Name	D10_PB2_SS
2.0_, 22_00 .	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
Ohioot	Droporty Nome	Bronorty Volus
Object	Property Name	Property Value D9_PB1
D9_PB1:	Name Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
	Source Symbol	OTT ACCECT TO
Object	Property Name	Property Value
-	Name	D8_PB0
D8_PB0 :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
	•	
Object	Property Name	Property Value
	Name	RX_PD1
RX_PD1:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
Oli la a t	Property Name	Property Value
Object		
	Name	TX_PD0
Object TX_PD0:	Name Source Library	TX_PD0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.

Object	Property Name	Property Value
D- DD-	Name	D7_PD7
D7_PD7 :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	D6_PD6
D6_PD6:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	D5_PD5_T1
D5_PD5_T1 :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	D4_PD4_T0
D4_PD4_T0 :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
0.0,000	Name	D3_PD3
D3_PD3:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
	1	
Object	Property Name	Property Value
Object	Name	D2_PD2
D2_PD2 :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
Object	Name	D18_PC4_SDA
D18_PC4_SDA:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
	Source Symbol	S
Ohioot	Dronoviv Name	Proporty Value
Object	Property Name	Property Value A4_PC4_D18_SDA
A4_PC4_D18_SDA:	Name Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Library Source Symbol	OFFPAGELEFT-L
	Cource Symbol	OTT AGEED PE
	T=	
Object	Property Name	Property Value
A5_PC5_D19_SCL :	Name	A5_PC5_D19_SCL
MO_1 OO_D 18_OOL .	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
0.0,000		
	Name	A4_PC4_D18_SDA
A4_PC4_D18_SDA :	Name Source Library Source Symbol	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L

Object	Property Name	Property Value
AF DOE DAD COL .	Name	A5_PC5_D19_SCL
A5_PC5_D19_SCL :	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY
	Source Symbol	OFFPAGELEFT-L
Ohioat	Duam auto Nama	Drawarty Volum
Object	Property Name	Property Value
AI_FOR_T1:	Name	AI_FOR_T1
7	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.0
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
Object	Name	D5_PD5_T1
D5_PD5_T1:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
	Source Symbol	OFF PAGELET PL
Object	Property Name	Property Value
***	Name	RX_PD1
RX_PD1:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
	1	,
Object	Property Name	Property Value
	Name	TX_PD0
TX_PD0:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
PB5_D13_SCK:	Name	PB5_D13_SCK
1 B0_B 10_BBN.	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
Object	Name	D12_PB4_MISO
D12_PB4_MISO:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
	double dynadi	OFF ACEE 172
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
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Property Name Name	Property Value A3_PC3_D17
Object A3_PC3_D17:		

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

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

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

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

Object	Property Name	Property Value]
	Path Name	TitleBlock0	1
	Schematic Path	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\ELECTF	ONIC\SCHEMATIC\FLI
	Design Create Date	Saturday, March 21, 2020	
	Design Modify Date	Friday, March 27, 2020	
	Design Create Time	21:10:25	
TitleBlock0 : TitleBlock0	Design Modify Time	22:00:01	
	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	22:00:02	
	Schematic Page Count	0	
	Schematic Page Number	0	
	Page Size	В	
	Page Create Date	Saturday, March 21, 2020	
	Page Modify Date	Friday, March 27, 2020	
	Page Create Time	21:11:44	
	Page Modify Time	21:59:56	
	Source Library	D:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRAR	MCAPSYM.OLB
	Source Symbol	TitleBlock0	
	Page Name	PAGE2 - Connector	
	Doc		1
	Page Number	1	
	Page Count	1	

Object	Property Name	Property Value
	Name	INS800559
	ID	460
	Reference	J10
INS800559 : J10	Designator	
	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
	Swap Id	-1
1 : J10/1	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

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
	Swap Id	-1
5 : J10/5	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

Object	Property Name	Property Value
7 : J10/7	Name	7
	Number	7
	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	6
	Is No Connect	False

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

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

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

Object	Property Name	Property Value
2 : J21/2	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	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	
2 : J20/2	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
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
4 : J20/4	Swap Id	-1
	Туре	Passive
	Net Name	D12_PB4_MISO
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J20/5	Name	5
	Number	5
	Swap Id	4
	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	False

Object	Property Name	Property Value
7 : J20/7	Name	7
	Number	7
	Swap Id	4
	Туре	Passive
	Net Name	D8_PB0
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	8
	Number	8
8 : J20/8	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	7
	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
1 : J12/1	Swap Id	-1
	Туре	Passive
	Net Name	A0_PC0_D14
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J12/2	Name	2
	Number	2
	Swap Id	-1
	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 Type Net Name Order Is No Connec	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	Type Net Name	Passive
		A5_PC5_D19_SCL
	Order	5
	Is No Connect	False

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

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
	Swap Id	4
3: J14/3	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 : J14/4	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 : J14/5	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	

Object	Property Name	Property Value	
	Name	1	
	Number	1	
	Swap Id	-1	
1 : J23/1	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	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
1: J9/1	Swap Id	-1
	Туре	Passive
	Net Name	D18_PC5_SCL
	Order	0
	Is No Connect	False

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

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

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	3
	Number	3
3 : J28/3	Swap Id	4
	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
	Swap Id	-1
5 : J28/5	Туре	Passive
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS800261
	ID	401
	Reference	J8
	Designator	
	Part Reference	J8
INS800261 : J8	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 : J8/1	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
	Swap Id	-1
4 : J8/4	Туре	Passive
	Net Name	D9_PB1
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	5
	Number	5
	Swap Id	-1
5 : J8/5	Туре	Passive
	Net Name	D8_PB0
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6 : J8/6	Name	6
	Number	6
	Swap Id	-1
	Туре	Passive
	Net Name	D7_PD7
	Order	5
		Is No Connect

Object	Property Name	Property Value
7 : J8/7	Name	7
	Number	7
	Swap Id	4
	Туре	Passive
	Net Name	D6_PD6
	Order	6
		Is No Connect

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

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

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

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

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

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

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

Object	Property Name	Property Value
15 : J8/15	Name	15
	Number	15
	Swap Id	-1
	Туре	Passive
	Net Name	TX_PD0
	Order	14
	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	INS812018
	ID	868
	Reference	J22
	Designator	
	Part Reference	J22
INS812018 : J22	Value	BATTERY
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

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

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

Object	Property Name	Property Value	
	Name	INS805859	
	ID	706	
	Reference	J18	
	Designator		
	Part Reference	J18	
INS805859 : 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
	Swap Id	-1
2 : J18/2	Туре	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	3
	Number	3
	Swap Id	-1
3 : J18/3	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
	Swap Id	-1
5 : J18/5	Туре	Passive
	Net Name	GND_POWER
	Order	4
	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	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	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	

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
	Name	3
	Number	3
3 : J25/3	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
	Name	5
	Number	5
5 : J25/5	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

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

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

Object	Property Name	Property Value
K : D5/K	Name	K
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	BAT+
	Order	1
	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	

Object	Property Name	Property Value
	Name	1
	Number	1
1 : J26/1	Swap Id	4
	Туре	Passive
	Net Name	SPEAKER_OUT
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J26/2	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	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
4 : J11/4	Swap Id	-1
	Туре	Passive
	Net Name	D4_PD4_T0
	Order	3
	Is No Connect	False

Object	Property Name	Property Value	
_	Name	5	
	Number	5	
5 : J11/5	Swap Id	4	
	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
7 : J11/7	Swap Id	-1
	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	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	

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

Object	Property Name	Property Value	
	Name	2	
2 : J24/2	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
3 : J24/3	Swap Id	4
	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
	Name	5
	Number	5
	Swap Id	-1
5 : J24/5	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	
1 : J7/1	Swap Id	-1	
	Туре	Passive	
	Net Name	PB5_D13_SCK	
	Order	0	
	Is No Connect	False	

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

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

Object	Property Name	Property Value
	Name	4
	Number	4
	Swap Id	-1
4 : J7/4	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
	Swap Id	-1
6 : J7/6	Туре	Passive
	Net Name	A2_PC2_D16
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	7
	Number	7
	Swap Id	-1
7 : J7/7	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
10 : J7/10	Swap Id	-1
	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
	Swap Id	-1
13 : J7/13	Туре	Passive
	Net Name	PC6_RESET
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
	Name	14
	Number	14
14: J7/14	Swap Id	-1
	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	
INS805390 : J17	Part Reference	J17
	Value	Pressure
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

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

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

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

Object	Property Name	Property Value
5: J17/5	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	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	

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
2 : J19/2	Swap Id	-1
	Туре	Passive
	Net Name	5V
	Order	1
		Is No Connect

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	I811081
	Bounding Box Left	270
	Bounding Box Right	615
BAttery Charger 12V and protection	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	I817582
	Bounding Box Left	1280
	Bounding Box Right	1435
Monitor Battery	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	
	Name	I824615	
	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 ABDUINO External ABDUINO	388	
	Text	5V and 3.3V bridge if PS IC aren't there and come from	n external ARDUINO
	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
DC/DC 5V 2A regulator	Bounding Box Top	260
	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
	Name	I828509
	Bounding Box Left	320
	Bounding Box Right	535
	Bounding Box Top	220
3.3V linear regulator	Bounding Box Bottom	236
	Text	3.3V linear regulator
	Text Location X-Coordinate	320
	Text Location Y-Coordinate	220
	Font	Courier New

Ohioat	Branarty Nama	Branarty Value
Object 3V3: 3V3 (Wire ID = 285895)	Property Name Name	Property Value
<u> </u>	ranno	
Object	Property Name	Property Value
5V : 5V (Wire ID = 285907)	Name	5V
Object	Property Name	Proporty Value
Object 3V3: 3V3 (Wire ID = 285941)	Property Name	Property Value
	Name	1 000
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 285945)	Name	3V3
Object	Property Name	Proporty Value
3V3 : 3V3 (Wire ID = 285949)	Property Name Name	Property Value
<u> </u>	ramo	
Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 285953)	Name	3V3
Object	Dramarty Name	Dramarty Value
Object 3V3: 3V3 (Wire ID = 285957)	Property Name Name	Property Value
<u> </u>	radito	1 000
Object	Property Name	Property Value
5V : 5V (Wire ID = 285961)	Name	5V
Object	Property Name	Property Value
5V : 5V (Wire ID = 285965)	Name	5V
Object 295000	Property Name	Property Value
5V : 5V (Wire ID = 285969)	Name	5V
Object	Property Name	Property Value
5V : 5V (Wire ID = 285973)	Name	5V
	•	
Object 3V3: 3V3 (Wire ID = 285977)	Property Name	Property Value
343 . 343 (WITE ID = 203977)	Name	3V3
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286077)	Name	GND_POWER
	-	
	•	
Object GND_POWER: GND_POWER (Wire ID = 286081)	Property Name	Property Value
SIND_FOWER (WITE ID = 200001)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286085)	Name	GND_POWER
	•	-

Object	Proporty Name	Proporty Value
Object 5V: 5V (Wire ID = 286089)	Property Name Name	Property Value
<u> </u>	INCHIE	I ov
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286093)	Name	GND_POWER
		-
	1	1
Object GND_POWER: GND_POWER (Wire ID = 286097)	Property Name	Property Value
SIND_I SWERT SIND_I SWERT (WIRE ID = 200001)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286101)	Name	GND_POWER
		·
	1	
Object GND_POWER : GND_POWER (Wire ID = 286105)	Property Name	Property Value
GND_FOWER : GND_FOWER (WITE ID = 200103)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286109)	Name	GND_POWER
		, o
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 813279)	Name	BAT+
Ohioot	Dranauty Nama	Dramarty Value
Object BAT+: BAT+ (Wire ID = 813283)	Property Name	Property Value BAT+
· · · · · · · · · · · · · · · · · · ·	Name	DATE
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 813287)	Name	BAT+
Obline	I Barananta Nama	I Brown and a Malana
Object BAT+: BAT+ (Wire ID = 813291)	Property Name	Property Value
,	Name	BAT+
Object	Property Name	Property Value
N813295 : N813295 (Wire ID = 813295)	Name	N813295
	la	la .v.
Object N813295 : N813295 (Wire ID = 813299)	Property Name	Property Value
10.0200 (110.0200 (1110.1D = 0.10200)	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
Object	Property Name	Property Value
5V : 5V (Wire ID = 813311)	Name	5V
		<u> </u>

Object	Dramanty Massa	Duemout: Valice
Object 5V:5V (Wire ID = 813315)	Property Name	Property Value 5V
, , , , , , , , , , , , , , , , , , , ,	Name	ον
Object	Property Name	Property Value
5V : 5V (Wire ID = 813319)	Name	5V
Ohiost	Dranauty Names	Dramarty Value
Object 5V : 5V (Wire ID = 813323)	Property Name	Property Value
51 13 1 (1.115 IZ 5155Z5)	Name	5V
Object	Property Name	Property Value
5V : 5V (Wire ID = 813327)	Name	5V
	T =	1
Object 5V : 5V (Wire ID = 813331)	Property Name	Property Value
51.07 (MIIO ID = 010001)	Name	5V
Object	Property Name	Property Value
5V : 5V (Wire ID = 813335)	Name	5V
	•	
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 813339)	Name	BAT+
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 813343)	Name	BAT+
	<u> </u>	<u> </u>
Object	Property Name	Property Value
N813295 : N813295 (Wire ID = 813347)	Name	N813295
Object	Property Name	Property Value
N813295 : N813295 (Wire ID = 813351)	Name	N813295
		1
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 813355)	Name	BAT+
Object	Proporty Name	Proporty Value
Object N813295 : N813295 (Wire ID = 813359)	Property Name	Property Value N813295
<u>'</u>	INAITE	1010230
Object	Property Name	Property Value
EN_5V : EN_5V (Wire ID = 813387)	Name	EN_5V
Oltra	I Barranta Nan	Donor out o Vole
Object 5V : 5V (Wire ID = 813391)	Property Name	Property Value
	Name	5V
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813427)	Name	GND_POWER

Ohioot	Dramarty Names	Dramanty Value
Object N813431: N813431 (Wire ID = 813431)	Property Name	Property Value
2 (2 2002)	Name	N813431
Object	Property Name	Property Value
N813431 : N813431 (Wire ID = 813435)	Name	N813431
	•	<u> </u>
Object	Property Name	Property Value
N813439 : N813439 (Wire ID = 813439)	Name	N813439
Object	Property Name	Property Value
5V : 5V (Wire ID = 813443)	Name	5V
Object	Property Name	Property Value
5V : 5V (Wire ID = 813447)	Name	5V
Object	Property Name	Property Value
Object 5V: 5V (Wire ID = 813467)	Property Name	5V
<u> </u>	IAMILIE	V
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813471)	Name	GND_POWER
	15	15
Object GND_POWER : GND_POWER (Wire ID = 813495)	Property Name	Property Value
	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813499)	Name	GND_POWER
	•	•
	T =	T
Object 5V:5V (Wire ID = 813503)	Property Name	Property Value
3V : 3V (WHE ID = 013303)	Name	5V
Object	Property Name	Property Value
N813507 : N813507 (Wire ID = 813507)	Name	N813507
	•	
	1	
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813511)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813515)	Name	GND_POWER
		1
Object	Property Name	Property Value
N813507 : N813507 (Wire ID = 813519)	Name	N813507
Object	Dramauty Name	Dramarie: Valera
Object N813507 : N813507 (Wire ID = 813523)	Property Name	Property Value
1 111 (312 31333)	Name	N813507

Object	Property Name	Proporty Value
Object GND_POWER: GND_POWER (Wire ID = 813527)	Property Name Name	Property Value GND_POWER
·	Name	OND_FOWEIX
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813531)	Name	GND_POWER
	-	•
	•	
Object GND_POWER: GND_POWER (Wire ID = 813535)	Property Name	Property Value
GND_FOWER : GND_FOWER (WIFE ID = 013333)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813543)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813547)	Name	GND_POWER
Object	Property Name	Proporty Value
Object GND_POWER : GND_POWER (Wire ID = 813551)	Property Name	Property Value
_ ' (' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813555)	Name	GND_POWER
	-	
	•	
Object GND_POWER: GND_POWER (Wire ID = 813587)	Property Name	Property Value
GND_FOWER : GND_FOWER (Wile ID = 013307)	Name	GND_POWER
Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 817265)	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
	Tallo	S.D. OTEN
Object	Property Name	Property Value
A1_PC1_D15 : A1_PC1_D15 (Wire ID = 817492)	Name	A1_PC1_D15
Ohioat	Duamantu Na	Duamantis Volum
Object A1_PC1_D15 : A1_PC1_D15 (Wire ID = 817542)	Property Name	Property Value
	Name	A1_PC1_D15
Object	Property Name	Property Value
3V3-AR : 3V3-AR (Wire ID = 824529)	Name	3V3-AR
	•	
Object	Property Name	Property Value
3V3-AR : 3V3-AR (Wire ID = 824531)	Name	3V3-AR

2V2 + 2V2 (Miss ID 924E2C)	1 Toperty Name	1 Toperty Value	
3V3 : 3V3 (Wire ID = 824536)	Name	3V3	
Ohioat	Bronorty Nome	Property Value	
Object 3V3: 3V3 (Wire ID = 824538)	Property Name		
000 : 000 (VIII0 IB = 02-1000)	Name	3V3	
Object	Property Name	Property Value	
5V-AR : 5V-AR (Wire ID = 824552)	Name	5V-AR	
Ohioat	Bronarty Nama	Proporty Volus	
Object 5V-AR : 5V-AR (Wire ID = 824554)	Property Name	Property Value	
37 / HC 137 / HC (7 HI 3 H 3 = 32 H 3 C T)	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	
Object	Property Name	Property Value	
N824818 : N824818 (Wire ID = 824818)	Name	N824818	
	-	-	
Object	Property Name	Property Value	
N824824 : N824824 (Wire ID = 824824)	Name	N824824	
·	ivallie	11024024	
	To the	15	
Object	Property Name	Property Value	
N824824 : N824824 (Wire ID = 824828)	Name	N824824	
	1		
Object	Property Name	Property Value	
Object N824818 : N824818 (Wire ID = 824833)	Property Name	Property Value	
N824818 : N824818 (Wire ID = 824833)	Name	Property Value N824818	
Object N824818 : N824818 (Wire ID = 824833)			
N824818 : N824818 (Wire ID = 824833)	Name	N824818	
N824818 : N824818 (Wire ID = 824833) Object	Name Property Name	N824818 Property Value	
N824818 : N824818 (Wire ID = 824833)	Name	N824818	
N824818 : N824818 (Wire ID = 824833) Object	Name Property Name	N824818 Property Value	
N824818 : N824818 (Wire ID = 824833) Object	Name Property Name	N824818 Property Value	
N824818 : N824818 (Wire ID = 824833) Object N824818 : N824818 (Wire ID = 824837) Object	Property Name Name	Property Value N824818	
N824818 : N824818 (Wire ID = 824833) Object	Property Name Name Property Name	Property Value N824818 Property Value Property Value	
N824818 : N824818 (Wire ID = 824833) Object N824818 : N824818 (Wire ID = 824837) Object	Property Name Name	Property Value N824818	
N824818 : N824818 (Wire ID = 824833) Object N824818 : N824818 (Wire ID = 824837) Object	Property Name Name Property Name	Property Value N824818 Property Value Property Value	
N824818 : N824818 (Wire ID = 824833) Object N824818 : N824818 (Wire ID = 824837) Object N824845 : N824845 (Wire ID = 824845)	Property Name Name Property Name Name	Property Value N824818 Property Value N824845	
Object N824818 : N824818 (Wire ID = 824833) Object N824818 : N824818 (Wire ID = 824837) Object N824845 : N824845 (Wire ID = 824845)	Property Name Name Property Name Name Property Name Name	Property Value N824818 Property Value N824845 Property Value N824845	
Object N824818: N824818 (Wire ID = 824833) Object N824818: N824818 (Wire ID = 824837) Object N824845: N824845 (Wire ID = 824845)	Property Name Name Property Name Name	Property Value N824818 Property Value N824845	
Object N824818: N824818 (Wire ID = 824833) Object N824818: N824818 (Wire ID = 824837) Object N824845: N824845 (Wire ID = 824845) Object	Property Name Name Property Name Name Property Name Name	Property Value N824818 Property Value N824845 Property Value N824845	
Object N824818 : N824818 (Wire ID = 824833) Object N824818 : N824818 (Wire ID = 824837) Object N824845 : N824845 (Wire ID = 824845)	Property Name Name Property Name Name Property Name Name	Property Value N824818 Property Value N824845 Property Value N824845 Property Value BAT+	
Object N824818: N824818 (Wire ID = 824833) Object N824818: N824818 (Wire ID = 824837) Object N824845: N824845 (Wire ID = 824845) Object BAT+: BAT+ (Wire ID = 824847) Object	Property Name Name Property Name Name Property Name Name Property Name Name	Property Value N824818 Property Value N824845 Property Value N824845	
Object N824818: N824818 (Wire ID = 824833) Object N824818: N824818 (Wire ID = 824837) Object N824845: N824845 (Wire ID = 824845) Object BAT+: BAT+ (Wire ID = 824847)	Property Name Name Property Name Name Property Name Name Property Name Name	Property Value N824818 Property Value N824845 Property Value BAT+ Property Value	
Object N824818: N824818 (Wire ID = 824833) Object N824818: N824818 (Wire ID = 824837) Object N824845: N824845 (Wire ID = 824845) Object BAT+: BAT+ (Wire ID = 824847)	Property Name Name Property Name Name Property Name Name Property Name Name	Property Value N824818 Property Value N824845 Property Value N824845 Property Value BAT+	
Object N824818: N824818 (Wire ID = 824833) Object N824818: N824818 (Wire ID = 824837) Object N824845: N824845 (Wire ID = 824845) Object BAT+: BAT+ (Wire ID = 824847) Object	Property Name Name Property Name Name Property Name Name Property Name Name	Property Value N824818 Property Value N824845 Property Value BAT+ Property Value	
Object N824818: N824818 (Wire ID = 824833) Object N824818: N824818 (Wire ID = 824837) Object N824845: N824845 (Wire ID = 824845) Object BAT+: BAT+ (Wire ID = 824847) Object GND_POWER: GND_POWER (Wire ID = 82486)	Property Name Name Property Name Name Property Name Name Property Name Name Name Name	Property Value N824818 Property Value N824845 Property Value BAT+ Property Value GND_POWER	
N824818 : N824818 (Wire ID = 824833) Object N824818 : N824818 (Wire ID = 824837) Object N824845 : N824845 (Wire ID = 824845) Object BAT+: BAT+ (Wire ID = 824847)	Property Name Name Property Name Name Property Name Name Property Name Name	Property Value N824818 Property Value N824845 Property Value BAT+ Property Value	

Property Name

Property Value

Object

Object	Property Name	Property Value	
BAT+ : BAT+ (Wire ID = 825052)	Name	BAT+	
Object	Property Name	Property Value	
N824818 : N824818 (Wire ID = 825236)	Name	N824818	
		·	
Object	Property Name	Property Value	
N824818 : N824818 (Wire ID = 825248)	Name	N824818	
	INAME	14024010	
Object	Duamanti, Nama	Dromonty Volus	
Object V_SUPPLY: V_SUPPLY (Wire ID = 825267)	Property Name	Property Value	
V_561 / E : (V_661 / E : ((Mile 15 = 62626 :)	Name	V_SUPPLY	
Object	Property Name	Property Value	
V_SUPPLY : V_SUPPLY (Wire ID = 825269)	Name	V_SUPPLY	
	•		
Object	Property Name	Property Value	
GND_POWER : GND_POWER (Wire ID = 825307)	Name	GND_POWER	
	rano	S.D., STEEL	
Object	Property Name	Property Value	
Object			
3V3	Name	3V3	20/44.01
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPS	25 Y M.OL
	Source Symbol	VCC_BAR	
Object	Property Name	Property Value	
	Name	5V	
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPS	PSYM.OL
	Source Symbol	VCC_BAR	
Object	Property Name	Property Value	
Object	Property Name	Property Value GND POWER	
Object GND_POWER	Name	GND_POWER	PSYM.OL
			PSYM.OL
	Name Source Library	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPS	PSYM.OL
GND_POWER	Name Source Library Source Symbol	GND_POWER C:\CADENCE\SPB_16.3\TOOL\$\CAPTURE\LiBRARY\CAP\$ GND_POWER	PSYM.OL
	Name Source Library Source Symbol Property Name	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPS GND_POWER Property Value	PSYM.OL
GND_POWER	Name Source Library Source Symbol Property Name Name	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPS GND_POWER Property Value GND_POWER	
GND_POWER Object	Name Source Library Source Symbol Property Name Name Source Library	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPS GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPS	
GND_POWER Object	Name Source Library Source Symbol Property Name Name	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPS GND_POWER Property Value GND_POWER	
GND_POWER Object GND_POWER	Name Source Library Source Symbol Property Name Name Source Library Source Symbol	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPS GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPS GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPS GND_POWER	
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\CAPS GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPS GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPS GND_POWER Property Value	
GND_POWER Object GND_POWER	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\CAPS GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPS GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPS GND_POWER Property Value 5V	PSYM.OL
Object Object Object Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPS GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPS GND_POWER Property Value 5V D:\CADENCE\SPB_16.6\TOOLS\CAPTURE\LiBRARY\CAPS	PSYM.OL
Object 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\CAPS GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPS GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPS GND_POWER Property Value 5V	PSYM.OL
Object GND_POWER Object Object 5V	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPS GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPS GND_POWER Property Value 5V D:\CADENCE\SPB_16.6\TOOLS\CAPTURE\LiBRARY\CAPS VCC_BAR	PSYM.OL
Object Object Object Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPS GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPS GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPS GND_POWER Property Value 5V D:\CADENCE\SPB_16.6\TOOLS\CAPTURE\LiBRARY\CAPS VCC_BAR Property Value	PSYM.OL
Object Object Object Object Object Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPS GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPS GND_POWER Property Value 5V D:\CADENCE\SPB_16.6\TOOLS\CAPTURE\LiBRARY\CAPS VCC_BAR Property Value GND_POWER	PSYM.OL PSYM.OL
Object GND_POWER Object Object 5V	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	GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPS GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPS GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPS GND_POWER Property Value 5V D:\CADENCE\SPB_16.6\TOOLS\CAPTURE\LiBRARY\CAPS VCC_BAR Property Value	PSYM.OL PSYM.OL

	Name	GND_POWER	
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR	RYNCAPSYM.OLB
	Source Symbol	GND_POWER	
	•	•	_
	T	T	_
Object	Property Name	Property Value	4
GND_POWER	Name	GND_POWER	4
GND_FOWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR	CAPSYM.OLB
	Source Symbol	GND_POWER	_
Object	Property Name	Property Value	7
	Name	GND_POWER	7
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR	RY\CAPSYM.OLB
	Source Symbol	GND_POWER	
Object	Proporty Namo	Property Value	7
Object	Property Name	GND_POWER	-
GND_POWER	Name Source Library	i	DAICABEAN OLD
	Source Library	C:\CADENCE\SPB_16.3\TOOL\$\CAPTURE\LIBRAR	CITICAFSTIVI.ULB
	Source Symbol	GND_POWER	_
Object	Property Name	Property Value	
	Name	GND_POWER	
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF	RY\CAPSYM.OLB
	Source Symbol	GND_POWER	
Object	Property Name	Property Value	7
Object	i Property Name	i Property value	
•			
BAT+	Name	BAT+	DVACA DEVAM OLD
	Name Source Library	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR	RYNCAPSYM.OLB
	Name	BAT+	RYNCAPSYM.OLB
	Name Source Library	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR	RYNCAPSYM.OLB
	Name Source Library	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR	RYICAPSYM.OLB
BAT+ Object	Name Source Library Source Symbol	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR	RYICAPSYM.OLB
BAT+	Name Source Library Source Symbol Property Name	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value	
BAT+ Object	Name Source Library Source Symbol Property Name Name	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value GND_POWER	
BAT+ Object	Name Source Library Source Symbol Property Name Name Source Library	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF	
Object GND_POWER	Name Source Library Source Symbol Property Name Name Source Library Source Symbol	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF GND_POWER	
BAT+ Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF GND_POWER Property Value Property Value	
Object GND_POWER	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF GND_POWER Property Value 3V3-AR	RYNCAPSYM.OLB
Object GND_POWER Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF GND_POWER Property Value 3V3-AR C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF	RYNCAPSYM.OLB
Object GND_POWER Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF GND_POWER Property Value 3V3-AR	RYNCAPSYM.OLB
Object GND_POWER Object 3V3-AR	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR GND_POWER Property Value 3V3-AR C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR VCC_BAR	RYNCAPSYM.OLB
Object GND_POWER Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF GND_POWER Property Value 3V3-AR C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value	RYNCAPSYM.OLB
Object Object Object 3v3-AR Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF GND_POWER Property Value 3V3-AR C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value 5V-AR	RYNCAPSYM.OLB
Object Object Object 3v3-AR Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF GND_POWER Property Value 3V3-AR C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value 5V-AR C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF	RYNCAPSYM.OLB
Object Object Object 3V3-AR Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF GND_POWER Property Value 3V3-AR C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value 5V-AR	RYNCAPSYM.OLB
Object Object Object 3v3-AR Object	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF GND_POWER Property Value 3V3-AR C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value 5V-AR C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF	RYNCAPSYM.OLB
Object GND_POWER Object 3V3-AR Object 5V-AR	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF GND_POWER Property Value 3V3-AR C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value 5V-AR C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF	RYNCAPSYM.OLB
Object GND_POWER Object 3V3-AR Object 5V-AR	Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF GND_POWER Property Value 3V3-AR C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value 5V-AR C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR	RYNCAPSYM.OLB
Object GND_POWER Object 3V3-AR Object 5V-AR	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	BAT+ C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF GND_POWER Property Value 3V3-AR C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value 5V-AR C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR Property Value 5V-AR C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAF VCC_BAR	RYICAPSYM.OLB

Property Name

Name

Object

Property Value

GND_POWER

Object	Property Name	Property Value
	Name	5V
5V	Source Library	D:\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
•	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
V_SUPPLY	Name	V_SUPPLY
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL

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	BAT+	
BAT+	BAT+	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLE
		Source Symbol	VCC BAR	

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

Object	Property Name	Property Value
	Name	EN_5V
EN_5V:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\C
	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]
	Schematic Path	1]
	ID	4	
	Document	Power	
	OrgAddr4		
	OrgAddr3		
	OrgAddr2		
	OrgAddr1		
	OrgName	Dapem	
	Cage Code		
	RevCode	1.0]
	Title	Control Ventilator	
	Name	TitleBlock0]
	Design Name	FLEX-VENTILATOR-CONTROL	7
	Design File Name	D:\DEPOTS_DAPEM\ADHOC_INVENTORS\ELECTI	RONIC\SCHEMATIC\FLE
	Design Create Date	Saturday, March 21, 2020	1
	Design Modify Date	Friday, March 27, 2020	1
	Design Create Time	21:10:25	
TitleBlock0 : TitleBlock0	Design Modify Time	22:00:01	7
	Schematic Name	SCHEMATIC1	1
	Schematic Create Date	Saturday, March 21, 2020	7
	Schematic Modify Date	Friday, March 27, 2020	1
	Schematic Create Time	21:10:26	
	Schematic Modify Time	22:00:02	7
	Schematic Page Count	0	7
	Schematic Page Number	0	7
	Page Size	В	7
	Page Create Date	Saturday, March 21, 2020	7
	Page Modify Date	Friday, March 27, 2020	7
	Page Create Time	21:12:00	7
	Page Modify Time	21:59:56	7
	Source Library	D:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRAR	YICAPSYM.OLB
	Source Symbol	TitleBlock0	7
	Page Name	PAGE3 - Power	7
	Doc		1
	Page Number	1	1
	Page Count	1	

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	
INS824762 : R77	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	4
1 : R77/1	Туре	Passive
	Net Name	N824818
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R77/2	Туре	Passive
	Net Name	N824824
	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
2:R76/2	Swap Id	-1
	Туре	Passive
	Net Name	3V3
	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
1 : L1/1	Swap Id	-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	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
	Swap Id	-1
PG: U2/PG	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
FSW: U2/FSW	Name	FSW
	Number	7
	Swap Id	-1
	Туре	Input
	Net Name	5V
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	DEF
	Number	8
DEF: U2/DEF	Swap Id	-1
	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
AVIN : U2/AVIN	Swap Id	4
	Туре	Power
	Net Name	BAT+
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	PVIN
	Number	11
PVIN: U2/PVIN	Swap Id	-1
	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	4
	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	4	
	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
PGND : U2/PGND	Swap Id	-1
	Туре	Power
	Net Name	GND_POWER
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
	Name	GNDPAD
	Number	17
GNDPAD : U2/GNDPAD	Swap Id	4
	Туре	Power
	Net Name	GND_POWER
	Order	16
	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
1 : R49/1	Swap Id	4
	Туре	Passive
	Net Name	BAT+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R49/2	Swap Id	-1
	Туре	Passive
	Net Name	A1_PC1_D15
	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
1:R7/1	Swap Id	-1
	Туре	Passive
	Net Name	N813507
	Order	0
	Is No Connect	False

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

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

Object	Property Name	Property Value
	Name	2
	Number	2
2 : C1/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	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
NC : U1/NC	Swap Id	-1
	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	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
1: C7/1	Swap Id	-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	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
2:R6/2	Swap Id	4
	Туре	Passive
	Net Name	N813507
	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	
1:R5/1	Swap Id	-1	
	Туре	Passive	
	Net Name	N813439	
	Order	0	
	Is No Connect	False	

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

Object	Property Name	Property Value
	Name	INS824628
	ID	1395
	Reference	Q5
	Designator	
	Part Reference	Q5
INS824628 : Q5	Value	NPN DAR BCE
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

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	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
1:R50/1	Swap Id	-1
	Туре	Passive
	Net Name	A1_PC1_D15
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	INS286003
	ID	146
	Reference	C3
	Designator	
	Part Reference	C3
	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/G

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

Object	Property Name	Property Value
	Name	2
	Number	2
2:C3/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	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
1: R75/1	Swap Id	-1
	Туре	Passive
	Net Name	5V-AR
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R75/2	Swap Id	-1
	Туре	Passive
	Net Name	5V
	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
1:C6/1	Swap Id	-1
	Туре	Passive
	Net Name	5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:C6/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	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
1 : C4/1	Swap Id	-1
	Туре	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : C4/2	Swap Id	4
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

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
ANODE : D38/ANODE	Swap Id	4
	Туре	Passive
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value	
	Name	INS825099	
	ID	1416	
	Reference	D42	
	Designator		
INS825099 : D42	Part Reference	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
K : D42/K	Swap Id	-1
	Туре	Passive
	Net Name	N824818
	Order	1
		Is No Connect

Object	Property Name	Property Value
-	Name	INS813369
	ID	897
	Reference	C5
	Designator	
	Part Reference	C5
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
NS813369 : 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
	Swap Id	-1
2: C5/2	Туре	Passive
	Net Name	GND_POWER
	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	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	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	Α
	Number	2
	Swap Id	-1
A: D41/A	Type	Passive
	Net Name	V_SUPPLY
	Order	0
	Is No Connect	False
	•	•
Object	Property Name	Property Value
	Name	K
	Number	1
K : D41/K	Swap Id	-1
K. D41/K	Туре	Passive
	Net Name	N824818
	Order	1
	Is No Connect	False
Object	Property Name	Property Value
	Name	1827674
	Bounding Box Left	260
	Bounding Box Right	315
	Bounding Box Top	650
RESET	Bounding Box Bottom	666
	Text	RESET
	Text Location X-Coordinate	260
	Text Location Y-Coordinate	650
	Text Location Y-Coordinate Font	650 Courier New
Object	Font	Courier New
Object 5V: 5V (Wire ID = 826467)	Property Name	Courier New Property Value
Object 5V:5V (Wire ID = 826467)	Font	Courier New
Object 5V: 5V (Wire ID = 826467)	Property Name	Courier New Property Value
5V:5V (Wire ID = 826467)	Property Name Name	Property Value 5V
Object 5V: 5V (Wire ID = 826467) Object 5V: 5V (Wire ID = 826469)	Property Name	Courier New Property Value
5V:5V (Wire ID = 826467) Object	Property Name Name Property Name	Property Value 5V Property Value
5V: 5V (Wire ID = 826467) Object 5V: 5V (Wire ID = 826469)	Property Name Name Property Name Name	Property Value 5V Property Value 5V
Object Object Object Object	Property Name Name Property Name Name Property Name Property Name	Property Value 5V Property Value 5V Property Value 5V
5V: 5V (Wire ID = 826467) Object 5V: 5V (Wire ID = 826469)	Property Name Name Property Name Name	Property Value 5V Property Value 5V
Object Object Object Object	Property Name Name Property Name Name Property Name Property Name	Property Value 5V Property Value 5V Property Value 5V
Object 5V: 5V (Wire ID = 826467) Object 5V: 5V (Wire ID = 826469) Object 5V: 5V (Wire ID = 826482)	Property Name Name Property Name Name Property Name Name Name	Property Value 5V Property Value 5V Property Value 5V Property Value 5V
Object Object Object Object	Property Name Name Property Name Name Property Name Property Name	Property Value 5V Property Value 5V Property Value 5V
Object 5V: 5V (Wire ID = 826467) Object 5V: 5V (Wire ID = 826469) Object 5V: 5V (Wire ID = 826482)	Property Name Name Property Name Name Property Name Name Property Name Name Property Name	Property Value 5V Property Value 5V Property Value 5V Property Value 5V Property Value
Object 5V: 5V (Wire ID = 826467) Object 5V: 5V (Wire ID = 826469) Object 5V: 5V (Wire ID = 826482) Object 3V3: 3V3 (Wire ID = 826486)	Property Name Name Property Name Name Property Name Name Property Name Name Name	Property Value 5V Property Value 5V Property Value 5V Property Value 3V3
Object 5V: 5V (Wire ID = 826467) Object 5V: 5V (Wire ID = 826469) Object 5V: 5V (Wire ID = 826482) Object 3V3: 3V3 (Wire ID = 826486)	Property Name Name	Property Value 5V Property Value 5V Property Value 5V Property Value 3V3 Property Value
Object 5V: 5V (Wire ID = 826467) Object 5V: 5V (Wire ID = 826469) Object 5V: 5V (Wire ID = 826482) Object 3V3: 3V3 (Wire ID = 826486)	Property Name Name Property Name Name Property Name Name Property Name Name Name	Property Value 5V Property Value 5V Property Value 5V Property Value 3V3
Object 5V: 5V (Wire ID = 826467) Object 5V: 5V (Wire ID = 826469) Object 5V: 5V (Wire ID = 826482) Object 3V3: 3V3 (Wire ID = 826486)	Property Name Name	Property Value 5V Property Value 5V Property Value 5V Property Value 3V3 Property Value
Object 5V: 5V (Wire ID = 826467) Object 5V: 5V (Wire ID = 826469) Object 5V: 5V (Wire ID = 826482) Object 3V3: 3V3 (Wire ID = 826486)	Property Name Name Name	Property Value 5V Property Value 5V Property Value 5V Property Value 3V3 Property Value 3V3
Object 5V: 5V (Wire ID = 826467) Object 5V: 5V (Wire ID = 826469) Object 3V3: 3V3 (Wire ID = 826486) Object 3V3: 3V3 (Wire ID = 826486)	Property Name Name	Property Value 5V Property Value 5V Property Value 5V Property Value 3V3 Property Value
Object 5V: 5V (Wire ID = 826467) Object 5V: 5V (Wire ID = 826469) Object 3V3: 3V3 (Wire ID = 826486) Object 3V3: 3V3 (Wire ID = 826486) Object 3V3: 3V3 (Wire ID = 826499)	Property Name Name Property Name Name	Property Value 5V Property Value 5V Property Value 5V Property Value 3V3 Property Value 3V3 Property Value
Object 5V: 5V (Wire ID = 826467) Object 5V: 5V (Wire ID = 826469) Object 3V3: 3V3 (Wire ID = 826486) Object 3V3: 3V3 (Wire ID = 826486) Object 3V3: 3V3 (Wire ID = 826499)	Property Name Name	Property Value 5V Property Value 5V Property Value 5V Property Value 3V3 Property Value 3V3 Property Value 3V3
Object 5V: 5V (Wire ID = 826467) Object 5V: 5V (Wire ID = 826469) Object 3V3: 3V3 (Wire ID = 826486) Object 3V3: 3V3 (Wire ID = 826486) Object 3V3: 3V3 (Wire ID = 826499)	Property Name Name Property Name Name	Property Value 5V Property Value 5V Property Value 5V Property Value 3V3 Property Value 3V3 Property Value

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 (Will 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 Decreate 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
	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 Name

Property Value

Object

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
	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
- NJOOL	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 Name

Property Value

Object

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	1
	Path Name	TitleBlock0	1
	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	
	Design Modify Date	Friday, March 27, 2020	
	Design Create Time	21:10:25	
TitleBlock0 : TitleBlock0	Design Modify Time	22:00:01	
	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	22:00:02	
	Schematic Page Count	0	
	Schematic Page Number	0	
	Page Size	В	
	Page Create Date	Saturday, March 21, 2020	
	Page Modify Date	Friday, March 27, 2020	
	Page Create Time	21:12:22	
	Page Modify Time	21:59:56	
	Source Library	D:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRAR\	ACAPSYM.OLB
	Source Symbol	TitleBlock0	
	Page Name	PAGE4 - MCU]
	Doc]
	Page Number	1	
	Page Count	1	1

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

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

Object	Property Name	Property Value	
	Name	INS827860	
	ID	1526	
	Reference	C10	
	Designator		
	Part Reference	C10	
	Value	0.1uF	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		01/ENG/GRM188R71C
INS827860 : C10	DATASHEET	http://search.murata.co.jp/Ceramy/image/img/A01X/G	
	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
	Name	1
	Number	1
	Swap Id	-1
1 : C10/1	Туре	Passive
	Net Name	PC6_RESET
	Order	0
	Is No Connect	False

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

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

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

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

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

Object	Property Name	Property Value
	Name	2
	Number	2
2:C9/2	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
	Name	1
	Number	1
1:C8/1	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	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	4
PD3(PCINT19/OC2B/INT1) : U14/PD3(PCINT19/OC2i	8/INT)2	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
GND_1: U14/GND_1	Swap Id	-1
	Туре	Power
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	PB6(PCINT6/XTAL1/TOSC1)
	Number	7
	Swap Id	-1
PB6(PCINT6/XTAL1/TOSC1): U14/PB6(PCINT6/XTA	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
PB7(PCINT7/XTAL2/TOSC2) : U14/PB7(PCINT7/XTA	Swap Id	-1
	L2 /T /OSC2)	Bidirectional
	Net Name	N827118
	Order	7
	Is No Connect	False

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

Object	Property Name	Property Value
_	Name	PD6(PCINT22/OC0A/AIN0)
	Number	10
	Swap Id	-1
PD6(PCINT22/OC0A/AIN0) : U14/PD6(PCINT22/OC0A	V A (NQ)	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	PT)pe	Bidirectional
	Net Name	D8_PB0
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
	Name	PB1(PCINT1/OC1A)
	Number	13
	Swap Id	-1
PB1(PCINT1/OC1A) : U14/PB1(PCINT1/OC1A)	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/	M QS I)e	Bidirectional
	Net Name	D11_PB3_MOSI
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
	Name	PB4(PCINT4/MISO)
	Number	16
	Swap Id	-1
PB4(PCINT4/MISO) : U14/PB4(PCINT4/MISO)	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	4
	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	
PC0(ADC0/PCINT8): U14/PC0(ADC0/PCINT8)	Swap Id	-1	
	Туре	Bidirectional	
	Net Name	A0_PC0_D14	
	Order	22	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	PC1(ADC1/PCINT9)
	Number	24
	Swap Id	-1
PC1(ADC1/PCINT9) : U14/PC1(ADC1/PCINT9)	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/PCI	NT120	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
	Swap Id	-1
PC5(ADC5/SCL/PCINT13) : U14/PC5(ADC5/SCL/PCI	NTA33e	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
	Swap Id	-1
PD0(RXD/PCINT16) : U14/PD0(RXD/PCINT16)	Туре	Bidirectional
	Net Name	TX_PD0
	Order	29
	Is No Connect	False

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

Object	Property Name	Property Value
PD2(INT0/PCINT18): U14/PD2(INT0/PCINT18)	Name	PD2(INT0/PCINT18)
	Number	32
	Swap Id	-1
	Туре	Bidirectional
	Net Name	D2_PD2
	Order	31
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS827269
	ID	1496
	Reference	J27
	Designator	
INS827269 : J27	Part Reference	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	-1
	Туре	Passive
	Net Name	5V
	Order	0
	Is No Connect	False

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

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

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

Object	Property Name	Property Value
3 : J27/3	Name	3
	Number	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
Rectangle	Тор	470
	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
Rectangle	Тор	240
	Right	1450
	Bottom	660
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	I824100
	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	1810506
	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	I811073
	Bounding Box Left	130
PUT discrete led as 7 segment	Bounding Box Right	425
	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	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	1824116
	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	I824124
	Bounding Box Left	730
	Bounding Box Right	805
Control	Bounding Box Top	450
	Bounding Box Bottom	466
	Text	Control
	Text Location X-Coordinate	730
	Text Location Y-Coordinate	450
	Font	Courier New

Object	Property Name	Property Value
Speake/PIEZO AMP	Name	1824132
	Bounding Box Left	1200
	Bounding Box Right	1365
	Bounding Box Top	220
	Bounding Box Bottom	236
	Text	Speake/PIEZO AMP
	Text Location X-Coordinate	1200
	Text Location Y-Coordinate	220
	Font	Courier New

Object	Proporty Namo	Proporty Value
Object 3V: 3V (Wire ID = 809057)	Property Name Name	Property Value
<u> </u>	Humo	
Object	Property Name	Property Value
3V : 3V (Wire ID = 809085)	Name	3V
Object	Proporty Name	Proporty Volum
Object D7_PD7: D7_PD7 (Wire ID = 809089)	Property Name	Property Value D7_PD7
	Hamo	- UI_FUI
Object	Property Name	Property Value
D7_PD7 : D7_PD7 (Wire ID = 809093)	Name	D7_PD7
Object	Property Name	Property Value
D7_PD7 : D7_PD7 (Wire ID = 809097)	Name	D7 PD7
		• -
Object D7_PD7: D7_PD7 (Wire ID = 809101)	Property Name	Property Value
(vviie טו = 809101 ((vviie)	Name	D7_PD7
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809105)	Name	GND_POWER
	1-	12
Object GND_POWER : GND_POWER (Wire ID = 809109)	Property Name	Property Value
	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809133)	Name	GND_POWER
Object	Droporty Nove	Dromoving Volum
Object GND_POWER: GND_POWER (Wire ID = 809137)	Property Name	Property Value GND_POWER
	Humo	OND_I OWEN
Object	Property Name	Property Value
D7_PD7 : D7_PD7 (Wire ID = 809141)	Name	D7_PD7
Object	Property Name	Property Value
3V : 3V (Wire ID = 809508)	Name	3V
		1
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
		<u>,</u>
Object	Property Name	Property Value
D6_PD6 : D6_PD6 (Wire ID = 809544)	Name	D6_PD6

Object	Property Name	Property Value
Object D6_PD6 : D6_PD6 (Wire ID = 809548)	Property Name Name	Property Value D6_PD6
<u> </u>	INAMIC	_ DO_FDO
Object	Property Name	Property Value
D6_PD6 : D6_PD6 (Wire ID = 809552)	Name	D6_PD6
	-	•
Object GND_POWER : GND_POWER (Wire ID = 809556)	Property Name	Property Value
GND_POWER : GND_POWER (WITE ID = 809556)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809560)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809584)	Name	GND_POWER
Object	Droporty Namo	Branarty Value
Object GND_POWER : GND_POWER (Wire ID = 809588)	Property Name	Property Value GND_POWER
	Name	GIND_POWER
Object	Property Name	Property Value
D6_PD6 : D6_PD6 (Wire ID = 809592)	Name	D6_PD6
		T=
Object 3V: 3V (Wire ID = 809747)	Property Name	Property Value
57.57 (WIIC ID = 003/47)	Name	3V
Object	Property Name	Property Value
3V : 3V (Wire ID = 809775)	Name	3V
		•
Object	Property Name	Property Value
D3_PD4 : D3_PD4 (Wire ID = 809779)	Name	D3_PD4
Object	Proporty Namo	Broporty Value
Object D3_PD4 : D3_PD4 (Wire ID = 809783)	Property Name	Property Value D3 PD4
<u> </u>	Hame	D0_FD4
Object	Property Name	Property Value
D3_PD4 : D3_PD4 (Wire ID = 809787)	Name	D3_PD4
		15
Object D3_PD4: D3_PD4 (Wire ID = 809791)	Property Name	Property Value
	Name	D3_PD4
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809795)	Name	GND_POWER
_	<u> </u>	
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809799)	Name	GND_POWER

Ohiost	Duonout, Non-	Duamantis Value
Object GND_POWER : GND_POWER (Wire ID = 809823)	Property Name	Property Value
	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809827)	Name	GND_POWER
	•	
Object	Property Name	Property Value
D3_PD4 : D3_PD4 (Wire ID = 809831)	Name	D3_PD4
Object	Duonouty Novo	Duamanti Valua
Object 3V: 3V (Wire ID = 810039)	Property Name	Property Value
,	Name	34
Object	Property Name	Property Value
3V : 3V (Wire ID = 810067)	Name	3V
	T=	T
Object D4_PD4_T1: D4_PD4_T1 (Wire ID = 810071)	Property Name	Property Value
5: 5: 1 . 5: 5: (Wile ID = 0100/1)	Name	D4_PD4_T1
Object	Property Name	Property Value
D4_PD4_T1 : D4_PD4_T1 (Wire ID = 810075)	Name	D4_PD4_T1
	•	
Object District Distr	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
		1
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 810087)	Name	GND_POWER
Object	Proporty Name	Proporty Value
GND_POWER : GND_POWER (Wire ID = 810091)	Property Name	Property Value GND_POWER
	INGILIE	GND_F OWLK
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 810115)	Name	GND_POWER
	T	T5
Object GND_POWER: GND_POWER (Wire ID = 810119)	Property Name	Property Value
2 3 3 3 3	Name	GND_POWER
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
	rearro	11017200
Object	Property Name	Property Value
N814203 : N814203 (Wire ID = 814213)	Name	N814203
Object	Property Name	Property Value
N814203 : N814203 (Wire ID = 814215)	Name	N814203
	Name	14014200
Object	Property Name	Property Value
N814221 : N814221 (Wire ID = 814221)	Name	N814221
Object	Proporty Namo	Proporty Value
Object N814221 : N814221 (Wire ID = 814225)	Property Name	Property Value N814221
. , ,	Name	19014221
Object	Property Name	Property Value
N814221 : N814221 (Wire ID = 814227)	Name	N814221
		1-
Object N814233 : N814233 (Wire ID = 814233)	Property Name	Property Value
14017233 . 14014233 (WIIE ID = 014233)	Name	N814233
Object	Property Name	Property Value
N814233 : N814233 (Wire ID = 814237)	Name	N814233
Object	Property Name	Property Value
N814233 : N814233 (Wire ID = 814239)	Name	N814233
Object	Bronorty Name	Bronorty Volum
Object N814245 : N814245 (Wire ID = 814245)	Property Name	Property Value
, , , , , , , , , , , , , , , , , , , ,	Name	N814245
Object	Property Name	Property Value
N814245 : N814245 (Wire ID = 814249)	Name	N814245
	1	15
Object N814245 : N814245 (Wire ID = 814251)	Property Name	Property Value
110172TO . 110172TO (WIIG ID - 014201)	Name	N814245
Object	Property Name	Property Value
N814257 : N814257 (Wire ID = 814257)	Name	N814257
	•	1 -
Object No. 100 100 100 100 100 100 100 100 100 10	Property Name	Property Value
N814257 : N814257 (Wire ID = 814261)	Name	N814257
Ohioot	Duamantir Name	Dramaris, Val.
Object N814257 : N814257 (Wire ID = 814263)	Property Name	Property Value
, 1 1 11	Name	N814257

Object	Proporty Name	Proporty Volus
Object N814269: N814269 (Wire ID = 814269)	Property Name Name	Property Value N814269
· · · · · · · · · · · · · · · · · · ·	ivaine	14014209
Object	Property Name	Property Value
N814269 : N814269 (Wire ID = 814273)	Name	N814269
	•	
Object N814269 : N814269 (Wire ID = 814275)	Property Name	Property Value
No 14209 : No 14209 (Wile ID = 614275)	Name	N814269
Object	Property Name	Property Value
N814333 : N814333 (Wire ID = 814333)	Name	N814333
Object	Property Name	Property Value
N814333 : N814333 (Wire ID = 814335)	Name	N814333
Object	Proporty Namo	Proporty Value
Object N814340 : N814340 (Wire ID = 814340)	Property Name	Property Value N814340
· · · · · · · · · · · · · · · · · · ·	Name	No 14540
Object	Property Name	Property Value
N814344 : N814344 (Wire ID = 814344)	Name	N814344
	1-	<u> </u>
Object N814348 : N814348 (Wire ID = 814348)	Property Name	Property Value
	Name	N814348
Object	Property Name	Property Value
N814352 : N814352 (Wire ID = 814352)	Name	N814352
	•	
Object N814356: N814356 (Wire ID = 814356)	Property Name	Property Value
No14330 : No14330 (Wile ID = 614330)	Name	N814356
Object	Property Name	Property Value
N814360 : N814360 (Wire ID = 814360)	Name	N814360
	<u>, </u>	
Object	Property Name	Property Value
N814364 : N814364 (Wire ID = 814364)	Name	N814364
Object	Dronorty Name	Bronarty Value
Object N814368 : N814368 (Wire ID = 814368)	Property Name	Property Value
·	Name	N814368
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815261)	Name	GND_POWER
Object	Property Name	Property Value
5V : 5V (Wire ID = 815267)	Name	5V

Ohioot	Branariy Nama	Branarty Value
Object GND_POWER: GND_POWER (Wire ID = 815290)	Property Name Name	Property Value GND_POWER
<u> </u>	тапо	OND_FOWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815296)	Name	GND_POWER
Contract	I Bernanda Nama	Burnanta Walter
Object GND_POWER: GND_POWER (Wire ID = 815298)	Property Name	Property Value
OND_I OWER OND_I OWER (WIII ID = 010200)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815300)	Name	GND_POWER
		·
	T	
Object GND_POWER: GND_POWER (Wire ID = 815302)	Property Name	Property Value
OND_FOWER (WIRE ID = 010302)	Name	GND_POWER
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)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815308)	Name	GND_POWER
	Hamo	GREET OWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815341)	Name	GND_POWER
Object	Property Name	Proporty Value
Object GND_POWER: GND_POWER (Wire ID = 815343)	Property Name Name	Property Value GND_POWER
<u> </u>	тапь	I GND_FOWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815347)	Name	GND_POWER
Ohioat	Decreate Nove	Dranauta Valua
Object GND_POWER : GND_POWER (Wire ID = 815351)	Property Name	Property Value
	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815355)	Name	GND_POWER
	T	
Object GND_POWER: GND_POWER (Wire ID = 815359)	Property Name	Property Value
GND_FOWER (WIRE ID = 015359)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815363)	Name	GND_POWER
	•	,

Ohiost	Duamanto Nama	Duon outer Volero
Object GND_POWER : GND_POWER (Wire ID = 815367)	Property Name	Property Value
	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815472)	Name	GND_POWER
Object	Property Name	Property Value
5V : 5V (Wire ID = 815603)	Name	5V
Object	Property Name	Dranarty Value
Object BAT+: BAT+ (Wire ID = 818455)	Name	Property Value BAT+
	Name	DATT
Object	Property Name	Property Value
SPEAKER_OUT : SPEAKER_OUT (Wire ID = 818459) Name	SPEAKER_OUT
	la	In . v.
Object GND_POWER : GND_POWER (Wire ID = 818463)	Property Name	Property Value
2.12_1 3112[1 3112_1 3112[1 (VIII 312 = 310403)	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
Object	Property Name	Property Value
N818525 : N818525 (Wire ID = 818566)	Name	N818525
	rano	11010020
Object	Property Name	Property Value
SPEAKER_OUT : SPEAKER_OUT (Wire ID = 818695) Name	SPEAKER_OUT
Object	Proporty Namo	Proporty Value
Object SPEAKER_OUT: SPEAKER_OUT (Wire ID = 818699)	Property Name	Property Value SPEAKER_OUT
`	INGING	OF EARLINGOOT
Object	Property Name	Property Value
D8_PB0 : D8_PB0 (Wire ID = 819144)	Name	D8_PB0
	T=	T=
Object 5V:5V (Wire ID = 819698)	Property Name	Property Value
5 5. (Name	5V
Object	Property Name	Property Value
D8_PB0 : D8_PB0 (Wire ID = 819802)	Name	D8_PB0
	•	
Object	Property Name	Property Value
N819814 : N819814 (Wire ID = 819814)	Name	N819814

Object	Property Name	Property Value
Object N819818 : N819818 (Wire ID = 819818)	Property Name Name	Property Value N819818
	Traine	14010010
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 819822)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 819826)	Name	GND_POWER
	Name	OND_I OWER
Object	Property Name	Property Value
N819830 : N819830 (Wire ID = 819830)	Name	N819830
Object	Property Name	Property Value
N819830 : N819830 (Wire ID = 819834)	Name	N819830
		<u>_</u>
Object	Property Name	Property Value
N819846 : N819846 (Wire ID = 819846)	Name	N819846
Object	Property Name	Property Value
N819846 : N819846 (Wire ID = 819850)	Name	N819846
Object 5V : 5V (Wire ID = 819886)	Property Name	Property Value
3V . 3V (WHE ID = 013000)	Name	5V
Object	Property Name	Property Value
N819890 : N819890 (Wire ID = 819890)	Name	N819890
	-	•
	T =	
Object N819890 : N819890 (Wire ID = 819894)	Property Name	Property Value
	Name	N819890
Object	Property Name	Property Value
N819830 : N819830 (Wire ID = 819898)	Name	N819830
Object	Property Name	Proporty Value
Object N819902 : N819902 (Wire ID = 819902)	Property Name Name	Property Value N819902
·	Traine	11010002
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 819906)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 819910)	Name	GND_POWER
	Traine	SHELL OWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 819914)	Name	GND_POWER

Object	Droporty Name	Dronorty Value
Object N819918: N819918 (Wire ID = 819918)	Property Name Name	Property Value N819918
<u>'</u>	INAITHE	10019910
Object	Property Name	Property Value
N819918 : N819918 (Wire ID = 819922)	Name	N819918
Object	I Barananta Nama	I Businesto Valor
Object N819926 : N819926 (Wire ID = 819926)	Property Name	Property Value
	Name	N819926
Object	Property Name	Property Value
N819926 : N819926 (Wire ID = 819930)	Name	N819926
	1 =	
Object N819970 : N819970 (Wire ID = 819970)	Property Name	Property Value
	Name	N819970
Object	Property Name	Property Value
N819970 : N819970 (Wire ID = 819974)	Name	N819970
	•	•
Object	Property Name	Property Value
N819846 : N819846 (Wire ID = 819978)	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	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 819990)	Name	GND_POWER
	Hamo	ONS_I OWEN
Object	Property Name	Property Value
N819994 : N819994 (Wire ID = 819994)	Name	N819994
Object	Property Name	Property Value
Object GND_POWER : GND_POWER (Wire ID = 819998)	Name	GND_POWER
, , ,	IVALITO	
Object	Property Name	Property Value
N819890 : N819890 (Wire ID = 820034)	Name	N819890
Oltra	D	I Brown and a Mad
Object N820038 : N820038 (Wire ID = 820038)	Property Name	Property Value
1122300 (111010 - 020000)	Name	N820038
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820042)	Name	GND_POWER

Obline	I B	Duran anta Valera
Object GND_POWER: GND_POWER (Wire ID = 820046)	Property Name	Property Value
	Name	GND_POWER
Object	Property Name	Property Value
N819918 : N819918 (Wire ID = 820086)	Name	N819918
Object	Property Name	Property Value
N820090 : N820090 (Wire ID = 820090)	Name	N820090
Ohioat	Duamanti, Nama	Duamanto 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
Object	Property Name	Property Value
N819926 : N819926 (Wire ID = 820134)	Name	N819926
Object	Property Name	Property Value
N820138 : N820138 (Wire ID = 820138)	Name	N820138
	Hamo	11020100
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820142)	Name	GND_POWER
	1	1=
Object GND_POWER : GND_POWER (Wire ID = 820146)	Property Name	Property Value
0.15_1 0.12.1.1 0.15_1 0.12.1.(\(\text{\text{1.110}}\) 1.5 = 0.20.1.6\(\text{}\)	Name	GND_POWER
Object	Property Name	Property Value
N819970 : N819970 (Wire ID = 820182)	Name	N819970
		•
Object Nooden (Miss ID 1994)	Property Name	Property Value
N820186 : N820186 (Wire ID = 820186)	Name	N820186
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820190)	Name	GND_POWER
		S.I.S., OTEX
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820194)	Name	GND_POWER
Object	I Barranta Nama	Down and Walter
Object N819994 : N819994 (Wire ID = 820230)	Property Name	Property Value
, , , , , , , , , , , , , , , , , , , ,	Name	N819994
Object	Property Name	Property Value
N820234 : N820234 (Wire ID = 820234)	Name	N820234

Object	Dranasty Name	Dranavity Value
Object GND_POWER: GND_POWER (Wire ID = 820238)	Property Name	Property Value
	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820242)	Name	GND POWER
	-	
Object	Property Name	Property Value
5V : 5V (Wire ID = 820930)	Name	5V
Object	I Down and a Name	Down and Walter
Object D8_PB0 : D8_PB0 (Wire ID = 821034)	Property Name	Property Value D8_PB0
,	Name	D6_PB0
Object	Property Name	Property Value
N821046 : N821046 (Wire ID = 821046)	Name	N821046
	1	
Object	Property Name	Property Value
N821050 : N821050 (Wire ID = 821050)	Name	N821050
Object	Property Name	Bronorty Volus
GND_POWER : GND_POWER (Wire ID = 821054)	Name	Property Value GND_POWER
	Name	GND_1 GWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821058)	Name	GND_POWER
	T =	1-
Object N821062 : N821062 (Wire ID = 821062)	Property Name	Property Value
(Maria 12 - 32 1332)	Name	N821062
Object	Property Name	Property Value
N821062 : N821062 (Wire ID = 821066)	Name	N821062
	<u>, </u>	
Object	Property Name	Property Value
N821078 : N821078 (Wire ID = 821078)	Name	N821078
Object	Property Name	Property Value
N821078 : N821078 (Wire ID = 821082)	Name	N821078
		102.0.0
Object	Property Name	Property Value
5V : 5V (Wire ID = 821118)	Name	5V
	15	15
Object N821122 : N821122 (Wire ID = 821122)	Property Name	Property Value
(1021122 (11021122 (11101D = 021122)	Name	N821122
Object	Property Name	Property Value
N821122 : N821122 (Wire ID = 821126)	Name	N821122
		

Object	Property Name	Property Value
Object N821062 : N821062 (Wire ID = 821130)	Name	N821062
	- santo	1102 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
		J STATES
	-	_
Object GND_POWER: GND_POWER (Wire ID = 821142)	Property Name	Property Value
OND_I OWER . OND_I OWER (WIE ID = 021142)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821146)	Name	GND_POWER
Ohiost	Duamanti, Nav-	Duamantu Valee
Object N821150 : N821150 (Wire ID = 821150)	Property Name	Property Value
, , , , , , , , , , , , , , , , , , , ,	Name	N821150
Object	Property Name	Property Value
N821150 : N821150 (Wire ID = 821154)	Name	N821150
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	Property Name	Property Value
N821202 : N821202 (Wire ID = 821202)	Name	N821202
Object	Droporty Name	Bronorty Value
Object N821202 : N821202 (Wire ID = 821206)	Property Name	Property Value N821202
· · · · · · · · · · · · · · · · · · ·	Name	1407 1707
Object	Property Name	Property Value
N821078 : N821078 (Wire ID = 821210)	Name	N821078
Object	Property Name	Property Value
N821214 : N821214 (Wire ID = 821214)	Name	N821214
		1
	1	
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821218)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821222)	Name	GND_POWER
	-	•

	T =	T5
Object N821226 : N821226 (Wire ID = 821226)	Property Name	Property Value
14021220 : 14021220 (Wile ID = 021220)	Name	N821226
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821230)	Name	GND_POWER
Object	Property Name	Property Value
N821122 : N821122 (Wire ID = 821266)	Name	N821122
Object	Property Name	Property Value
N821270 : N821270 (Wire ID = 821270)	Name	N821270
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821274)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821278)	Name	GND_POWER
		0.10_1 0.12.1
Object	Property Name	Property Value
N821150 : N821150 (Wire ID = 821318)	Name	N821150
Object	Property Name	Property Value
N821322 : N821322 (Wire ID = 821322)	Name	N821322
	Hamo	THE TOLL
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821326)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821330)	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 GND_POWER: GND_POWER (Wire ID = 821374)	Property Name	Property Value
GIND_FOWER . GIND_POWER (WIFE ID = 821374)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821378)	Name	GND_POWER
	1	0.15_1 0.15.1
Object	Property Name	Property Value
N821202 : N821202 (Wire ID = 821414)	Name	N821202

Object	Branariy Nama	Proporty Value
Object N821418: N821418 (Wire ID = 821418)	Property Name Name	Property Value N821418
	Pearle	14021410
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821422)	Name	GND_POWER
Object	Duamanto Nama	Drawarts Value
Object GND_POWER : GND_POWER (Wire ID = 821426)	Property Name	Property Value
	Name	GND_POWER
Object	Property Name	Property Value
N821226 : N821226 (Wire ID = 821462)	Name	N821226
	15	15
Object N821466 : N821466 (Wire ID = 821466)	Property Name	Property Value
	Name	N821466
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821470)	Name	GND_POWER
	•	<u> </u>
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821474)	Name	GND_POWER
Object	Property Name	Property Value
5V : 5V (Wire ID = 822198)	Name	5V
		i
Object	Property Name	Property Value
D8_PB0 : D8_PB0 (Wire ID = 822302)	Name	D8_PB0
Object	Property Name	Property Value
Object N822314 : N822314 (Wire ID = 822314)	Name	N822314
· · · · · · · · · · · · · · · · · · ·	Hamo	11022017
Object	Property Name	Property Value
N822318 : N822318 (Wire ID = 822318)	Name	N822318
Object	Property Name	Proporty Volus
Object GND_POWER : GND_POWER (Wire ID = 822322)	Property Name	Property Value
_ , , , , , , , , , , , , , , , , , , ,	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822326)	Name	GND_POWER
	I S N	15
Object N822330 : N822330 (Wire ID = 822330)	Property Name	Property Value
(1022000 (11022000 (1110 ID = 022000)	Name	N822330
Object	Property Name	Property Value
N822330 : N822330 (Wire ID = 822334)	Name	N822330
	•	•

Object	Property Name	Property Value
Object N822346 : N822346 (Wire ID = 822346)	Property Name Name	Property Value N822346
		HOLLOTO
Object	Property Name	Property Value
N822346 : N822346 (Wire ID = 822350)	Name	N822346
Object	Property Name	Property Value
5V : 5V (Wire ID = 822386)	Name	5V
	rano	
Object N822390 : N822390 (Wire ID = 822390)	Property Name	Property Value
14022390 : 14022390 (Wile ID = 022390)	Name	N822390
Object	Property Name	Property Value
N822390 : N822390 (Wire ID = 822394)	Name	N822390
		la .v.
Object N822330 : N822330 (Wire ID = 822398)	Property Name	Property Value
	Name	N822330
Object	Property Name	Property Value
N822402 : N822402 (Wire ID = 822402)	Name	N822402
Object	Dranarty Nama	Dranarty Value
Object GND_POWER: GND_POWER (Wire ID = 822406)	Property Name	Property Value GND_POWER
	Name	GND_FOWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822410)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822414)	Name	GND_POWER
	r =	
Object N822418 : N822418 (Wire ID = 822418)	Property Name	Property Value
	Name	N822418
Object	Property Name	Property Value
N822418 : N822418 (Wire ID = 822422)	Name	N822418
Object	Property Name	Bronorty Value
Object N822426 : N822426 (Wire ID = 822426)	Property Name Name	Property Value N822426
		· IVELTEV
Object	Property Name	Property Value
N822426 : N822426 (Wire ID = 822430)	Name	N822426
Object	Property Name	Property Value
N822470 : N822470 (Wire ID = 822470)	Name	N822470
		HOLETIO

Object	Bronorty Name	Proporty Volum
Object N822470 : N822470 (Wire ID = 822474)	Property Name	Property Value N822470
<u> </u>	IVALITO	NOZZ#10
Object	Property Name	Property Value
N822346 : N822346 (Wire ID = 822478)	Name	N822346
	1	15
Object N822482 : N822482 (Wire ID = 822482)	Property Name	Property Value
(NIII I I I I I I I I I I I I I I I I I	Name	N822482
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822486)	Name	GND_POWER
		·
Object GND_POWER : GND_POWER (Wire ID = 822490)	Property Name	Property Value
GND_POWER : GND_POWER (WITE ID = 822490)	Name	GND_POWER
Object	Property Name	Property Value
N822494 : N822494 (Wire ID = 822494)	Name	N822494
	Hamo	NOZZTOT
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822498)	Name	GND_POWER
Collinat	I Book and the Name	I Duranta Malara
Object N822390 : N822390 (Wire ID = 822534)	Property Name	Property Value
(Name	N822390
Object	Property Name	Property Value
N822538 : N822538 (Wire ID = 822538)	Name	N822538
	•	
	T	T -
Object GND_POWER: GND_POWER (Wire ID = 822542)	Property Name	Property Value
GND_1 GWEN : GND_1 GWEN (Wile ID = 022342)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822546)	Name	GND POWER
		<u> </u>
Object	Property Name	Property Value
N822418 : N822418 (Wire ID = 822586)	Name	N822418
Object	Proporty Name	Property Value
Object N822590 : N822590 (Wire ID = 822590)	Property Name	Property Value N822590
·	Name	INOZZOBU
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822594)	Name	GND_POWER
	-	
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822598)	Name	GND_POWER

Object	Property Name	Property Value
N822426 : N822426 (Wire ID = 822634)	Name	N822426
Object	Property Name	Property Value
N822638 : N822638 (Wire ID = 822638)	Name	N822638
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822642)	Name	GND_POWER
	Hallo	OND_I OWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822646)	Name	GND_POWER
Object	Property Name	Property Value
N822470 : N822470 (Wire ID = 822682)		N822470
·	Name	19022470
Object	Property Name	Property Value
N822686 : N822686 (Wire ID = 822686)	Name	N822686
	Γ=	15
Object GND_POWER: GND_POWER (Wire ID = 822690)	Property Name	Property Value
5.15 GVERT. GIB_I GWERT (WIRE ID = 022090)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822694)	Name	GND_POWER
	-	
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 = 822738)	Name	GND_POWER
Object	Proporty Namo	Proporty Value
Object GND_POWER : GND_POWER (Wire ID = 822742)	Property Name Name	Property Value GND_POWER
` ' '	Ivallic	GND_FOWER
Object	Property Name	Property Value
5V : 5V (Wire ID = 823169)	Name	5V
Courter	I Barranta Nama	I Brown out o Wolson
Object N828664 : N828664 (Wire ID = 828664)	Property Name	Property Value
1.020007 (17110 ID = 020007)	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+
	1	1
Object BAT+: BAT+ (Wire ID = 828756)	Property Name	Property Value
BATT : BATT (WITCHD = 0207307)	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
	Hamo	NO10020
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 828928)	Name	GND_POWER
Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 828932)	Name	GND_POWER
	Name	GND_FOWER
Object	Property Name	Property Value
N818525 : N818525 (Wire ID = 829042)	Name	N818525
Ohioat	Draw auto Nama	Drawarty Value
Object	Property Name	Property Value
3V	Name	3V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLE
	Source Library Source Symbol	VCC_BAR
	Source Symbol	VCC_BAIX
Object	Property Name	Property Value
	Name	3V
3V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLE
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	3V
3V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLE
	Source Symbol	VCC_BAR
	-	
Object		Downsto Walnu
	Dranarty Nama	
Object	Property Name	Property Value
3V	Name	3V
	Name Source Library	3V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLE
	Name	3V
	Name Source Library	3V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLE
	Name Source Library	3V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLE
Object	Name Source Library Source Symbol	3V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLE VCC_BAR Property Value 5V
3V	Name Source Library Source Symbol Property Name	3V C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LiBRARY\CAPSYM.OLE VCC_BAR Property Value

	Source Symbol	VCC_BAR
JV	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
5V	Name	5V
Object	Property Name	Property Value
	1-	7
	•	
	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
	•	
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		
ONJUGE	Name	GND_POWER
Object	Property Name	Property Value
	Source Symbol	GND_POWER
S.IS_I ONEN	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
GND_POWER	Name	GND_POWER
Object	Property Name	Property Value
Ohioct	Proporty Nama	Proporty Value
	Source Symbol	GND_POWER
U.D_I OHER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
GND_POWER	Name	GND_POWER
Object	Property Name	Property Value
	1	1
	Source Symbol	VCC_BAR
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
E)/	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
	. ,	<u> </u>
	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

Object

Property Value

Object	Property Name	Property Value	
	Name	5V	
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR	ARYICAPSYM.OLI
	Source Symbol	VCC_BAR	
Object	Property Name	Property Value	
	Name	GND_POWER	
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR.	ARY\CAPSYM.OL
	Source Symbol	GND_POWER	
Object	Property Name	Property Value	
	Name	GND_POWER	
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR.	ARY\CAPSYM.OL
	Source Symbol	GND_POWER	
Object	Property Name	Property Value	
	Name	GND_POWER	
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR.	ARY\CAPSYM.OL
	Source Symbol	GND_POWER	
	•	•	
Object	Property Name	Property Value	\neg
	Name	5V	
5V	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR.	ARYICAPSYM OL
	Source Symbol	VCC BAR	7
Object	Property Name	Property Value	
Object	Name	5V	_
=17	Name		
5V	Source Library		ARVICAPSVM OLI
5V	Source Library Source Symbol	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. VCC_BAR	ARY\CAPSYM.OLI
5V	Source Library Source Symbol	C:CADENCE(SPB_16.3\1OOLS)CAPTURE\LIBR. VCC_BAR	ARY(CAPSYM.OLI
	Source Symbol	VCC_BAR	ARYICAPSYM.OLI
Object	Source Symbol Property Name	VCC_BAR Property Value	ARYICAPSYM.OLI
	Property Name Name	Property Value GND_POWER	
Object	Property Name Name Source Library	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR	
Object	Property Name Name	Property Value GND_POWER	=
Object GND_POWER	Property Name Name Source Library Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER	=
Object	Property Name Name Source Library Source Symbol Property Name	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value	=
Object GND_POWER	Property Name Name Source Library Source Symbol Property Name Name	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value GND_POWER	ARYICAPSYM.OLI
Object 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\LIBR. GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR.	ARYICAPSYM.OLI
Object GND_POWER Object	Property Name Name Source Library Source Symbol Property Name Name	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value GND_POWER	ARYICAPSYM.OLI
Object Object 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\LIBR. GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER	ARYICAPSYM.OLI
Object GND_POWER 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\LIBR. GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value	ARYICAPSYM.OLI
Object Object GND_POWER Object Object Object	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\LIBR. GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value GND_POWER GND_POWER	ARYICAPSYM.OLI
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 Library Source Library	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. CND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR.	ARYICAPSYM.OLE
Object Object GND_POWER Object Object Object	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\LIBR. GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value GND_POWER GND_POWER	ARYICAPSYM.OLI
Object Object GND_POWER 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 Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER	ARYICAPSYM.OLI
Object Object GND_POWER 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 Symbol Property Name Name Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value	ARYICAPSYM.OLE
Object Object GND_POWER 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 Symbol Property Name Name Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value SV	ARYICAPSYM.OLI ARYICAPSYM.OLI ARYICAPSYM.OLI
Object Object GND_POWER 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 Symbol Property Name Name Source Symbol	Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBR. GND_POWER Property Value	ARYICAPSYM.OLE ARYICAPSYM.OLE ARYICAPSYM.OLE

Object

Property Value

5V			
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR	YCAPSYM.OLB
	Source Symbol	VCC_BAR	╛
Object	Property Name	Property Value	٦
CDJCCC	Name	GND_POWER	-
GND_POWER			M CARCVAA OLD
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR	TICAPSYM.OLB
	Source Symbol	GND_POWER	_
Object	Property Name	Property Value	
OND DOWED	Name	GND_POWER	
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR	YACAPSYM.OLB
	Source Symbol	GND_POWER	
Object	Property Name	Property Value	7
-	Name	GND_POWER	
GND_POWER	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR	YCAPSYM.OLB
	Source Symbol	GND_POWER	
	· ·	•	-
Ohiost	Proporty Name	Property Value	٦
Object	Property Name		-
BAT+	Name	BAT+	-
2711	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR	YCAPSYM.OLB
	Source Symbol	VCC_BAR	_
Object	Property Name	Property Value	
	Name	PB5_D13_SCK	
PB5_D13_SCK:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR	YCAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	
	Source Symbol	OFFPAGELEFT-L	J
Object		•	J 7
Object	Property Name	Property Value]
Object D11_PB3_MOSI:	Property Name	Property Value D11_PB3_MOSI	YICAPSYM.OLB
	Property Name	Property Value	YICAPSYM.OLB
	Property Name Name Source Library	Property Value D11_PB3_MOSI C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR	YNCAPSYM.OLB
D11_PB3_MOSI:	Property Name Name Source Library Source Symbol	Property Value D11_PB3_MOSI C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR OFFPAGELEFT-L	YICAPSYM.OLB
	Property Name Name Source Library Source Symbol Property Name	Property Value D11_PB3_MOSI C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR OFFPAGELEFT-L Property Value	YICAPSYM.OLB
D11_PB3_MOSI : Object	Property Name Name Source Library Source Symbol Property Name Name	Property Value D11_PB3_MOSI C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR OFFPAGELEFT-L Property Value D9_PB1]
D11_PB3_MOSI:	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value D11_PB3_MOSI C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR OFFPAGELEFT-L Property Value D9_PB1 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR]
D11_PB3_MOSI : Object	Property Name Name Source Library Source Symbol Property Name Name	Property Value D11_PB3_MOSI C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR OFFPAGELEFT-L Property Value D9_PB1]
D11_PB3_MOSI: Object D9_PB1:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value D11_PB3_MOSI C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR OFFPAGELEFT-L Property Value D9_PB1 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR OFFPAGELEFT-L]
D11_PB3_MOSI : Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name	Property Value D11_PB3_MOSI C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L Property Value D9_PB1 C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L Property Value]
Object Object Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name Name	Property Value D11_PB3_MOSI C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L Property Value D9_PB1 C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L Property Value SPEAKER_OUT	YICAPSYM.OLB
D11_PB3_MOSI: Object D9_PB1:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Library Source Library	Property Value D11_PB3_MOSI C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L Property Value D9_PB1 C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L Property Value SPEAKER_OUT C:\Cadence\spb_16.3\tools\Capture\Librar	YICAPSYM.OLB
Object Object Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name Name	Property Value D11_PB3_MOSI C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L Property Value D9_PB1 C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L Property Value SPEAKER_OUT	YICAPSYM.OLB
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	Property Value D11_PB3_MOSI C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L Property Value D9_PB1 C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L Property Value SPEAKER_OUT C:\Cadence\spb_16.3\tools\Capture\Librar	YICAPSYM.OLB
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	Property Value D11_PB3_MOSI C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L Property Value D9_PB1 C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L Property Value SPEAKER_OUT C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L Property Value SPEAKER_OUT C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L	YICAPSYM.OLB
Object Object SPEAKER_OUT:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Symbol	Property Value D11_PB3_MOSI C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR OFFPAGELEFT-L Property Value D9_PB1 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR OFFPAGELEFT-L Property Value SPEAKER_OUT C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRAR OFFPAGELEFT-L	YICAPSYM.OLB
Object Object Object SPEAKER_OUT:	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 D11_PB3_MOSI C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L Property Value D9_PB1 C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L Property Value SPEAKER_OUT C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L Property Value SPEAKER_OUT C:\Cadence\spb_16.3\tools\Capture\Librar OFFPAGELEFT-L	YICAPSYM.OLB

Name

Object

Property Value 5V

	Name	D6_PD6
D6_PD6:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
	•	
Object	Property Name	Property Value
	Name	D4_PD4_T1
D4_PD4_T1:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
	Course Cympon	OTT TO CELL TE
Object	Property Name	Property Value
	Name	D3_PD4
D3_PD4:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
Do DDO	Name	D8_PB0
D8_PB0:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
		,
Object	Property Name	Property Value
OLUET 4.0	Name	SHIFT_1-2
SHIFT_1-2:	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Course Cumb of	OFFPAGELEFT-L
	Source Symbol	
Object	Property Name	Property Value
Object SHIFT_2-3:	Property Name Name	Property Value SHIFT_2-3
	Property Name Name Source Library	Property Value
	Property Name Name	Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
SHIFT_2-3:	Property Name Name Source Library Source Symbol	Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L
SHIFT_2-3: Object	Property Name Name Source Library	Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
SHIFT_2-3:	Property Name Name Source Library Source Symbol Property Name	Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value
SHIFT_2-3: Object	Property Name Name Source Library Source Symbol Property Name Name	Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value D8_PB0
SHIFT_2-3: Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
SHIFT_2-3: Object	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
Object D8_PB0:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value PB5_D13_SCK
Object D8_PB0:	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 SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value
Object D8_PB0:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Name Name	Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value PB5_D13_SCK
Object D8_PB0: Object PB5_D13_SCK:	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L
Object D8_PB0:	Property Name Name Source Library Source Symbol	Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
Object Object Object PB5_D13_SCK:	Property Name Name Source Library Source Symbol	Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value SHIFT_3-4
Object D8_PB0: Object PB5_D13_SCK:	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 Name Name Source Library	Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value SHIFT_3-4 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM
Object Object Object PB5_D13_SCK:	Property Name Name Source Library Source Symbol	Property Value SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value SHIFT_3-4
Object D8_PB0: Object PB5_D13_SCK: Object SHIFT_3-4:	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 SHIFT_2-3 C.\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value D8_PB0 C.\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value PB5_D13_SCK C.\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value SHIFT_3-4 C.\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L
Object Object Object PB5_D13_SCK:	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 SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value SHIFT_3-4 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value SHIFT_3-4 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L
Object Object Object PB5_D13_SCK: Object SHIFT_3-4:	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 SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value SHIFT_3-4 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value SHIFT_3-4 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value D8_PB0
Object D8_PB0: Object PB5_D13_SCK: Object SHIFT_3-4:	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 SHIFT_2-3 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value D8_PB0 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value PB5_D13_SCK C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value SHIFT_3-4 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L Property Value SHIFT_3-4 C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM OFFPAGELEFT-L

Name

Object

Property Value

D6_PD6

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

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

	Object	Property Name	Property Value	
	SHIFT_1-2:	Name	SHIFT_1-2	
		Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLB
		Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
SHIFT_2-3:	Name	SHIFT_2-3	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

	Object	Property Name	Property Value	
	SHIFT_3-4:	Name	SHIFT_3-4	
		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	
	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\ELECTRONIC\	SCHEMATIC\FL
	Design Create Date	Saturday, March 21, 2020	
	Design Modify Date	Friday, March 27, 2020	
	Design Create Time	21:10:25	
TitleBlock0 : TitleBlock0	Design Modify Time	22:00:01	
	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	22:00:02	
	Schematic Page Count	0	
	Schematic Page Number	0	
	Page Size	В	
	Page Create Date	Saturday, March 21, 2020	
	Page Modify Date	Friday, March 27, 2020	
	Page Create Time	21:23:44	
	Page Modify Time	21:59:56	
	Source Library	D:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPS	SYM.OLB
	Source Symbol	TitleBlock0	
	Page Name	PAGE5 - UI	
	Doc		
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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
CATHODE : D34/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N822590
	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	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	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
	Swap Id	4
1 : R36/1	Туре	Passive
	Net Name	D4_PD4_T1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R36/2	Туре	Passive
	Net Name	3V
	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		
	Implementation Path		APTD1608CGCK.pdf
INS821380 : D28	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGC	
	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 : D28/ANODE	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	INS819868
	ID	1142
	Reference	R52
	Designator	
	Part Reference	R52
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS819868 : 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
1:SW7/1	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 : SW7/4	Swap Id	-1
	Туре	Passive
	Net Name	D6_PD6
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : SW7/2	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:SW7/3	Swap Id	-1
	Туре	Passive
	Net Name	D6_PD6
	Order	3
	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	
INS822368 : 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
1 : R68/1	Swap Id	-1
	Туре	Passive
	Net Name	N822402
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R68/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	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
ANODE : D15/ANODE	Swap Id	-1
	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	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	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
	Name	1
	Number	1
	Swap Id	4
1 : SW8/1	Туре	Passive
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

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

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

Object	Property Name	Property Value
	Name	3
	Number	3
3:SW8/3	Swap Id	-1
	Туре	Passive
	Net Name	D3_PD4
	Order	3
	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
1 : R64/1	Swap Id	4
	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	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	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	
NS822284 : 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
	Swap Id	-1
1 : R67/1	Туре	Passive
	Net Name	N822318
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2:R67/2	Туре	Passive
	Net Name	GND_POWER
	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/APTD1608
	PCB Footprint	LED_0603M1608

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

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
	Swap Id	-1
CATHODE : D14/CATHODE	Туре	Passive
	Net Name	N819818
	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	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
	Name	CATHODE
	Number	1
	Swap Id	4
CATHODE : D30/CATHODE	Туре	Passive
	Net Name	N822318
	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	PCB Footprint	
	DATASHEET	https://www.onsemi.com/pub/Collateral/MM74HC595-
	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℃

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
	Swap Id	-1
SDO: U15/SDO	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
	Swap Id	-1
G\: U15/G\	Туре	Input
	Net Name	GND_POWER
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	SDI
	Number	14
	Swap Id	4
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
VCC : U15/VCC	Swap Id	-1
	Туре	Power
	Net Name	5V
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	SRCLK
	Number	11
	Swap Id	-1
SRCLK: U15/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: 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	-1
QA : U15/QA	Туре	3 State
	Net Name	N814199
	Order	8
		Is No Connect

Object	Property Name	Property Value	
	Name	QB	
	Number	1	
	Swap Id	-1	
QB : U15/QB	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
	Swap Id	4
QD : U15/QD	Туре	3 State
	Net Name	N814233
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
	Name	QE
	Number	4
	Swap Id	-1
QE : U15/QE	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
	Swap Id	-1
QG : U15/QG	Туре	3 State
	Net Name	N814269
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
	Name	QH
	Number	7
	Swap Id	-1
QH: U15/QH	Туре	3 State
	Net Name	N814333
	Order	15
	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	
INS809059 : 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
2 : R35/2	Swap Id	-1
	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
2: R61/2	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
	Swap Id	-1
2 : R62/2	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

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

Object	Property Name	Property Value	
	Name	2	
	Number	2	
	Swap Id	-1	
2 : R58/2	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	DATASHEET	https://www.onsemi.com/pub/Collateral/MM74HC595-D.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	

Object	Property Name	Property Value
	Name	GND
	Number	8
	Swap Id	-1
GND : U16/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: U16/SDO	Туре	Output
	Net Name	SHIFT_2-3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	C\L\R\
	Number	10
	Swap Id	-1
C\L\R\: U16/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\: U16/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: U16/SDI	Туре	Input
	Net Name	SHIFT_1-2
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	VCC
	Number	16
	Swap Id	-1
VCC : U16/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: U16/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: U16/RCLK	Туре	Input
	Net Name	D8_PB0
	Order	7
	Is No Connect	False

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

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

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

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

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

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

Property Name

Object

	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/APTD	01608CGCK.pdf

Property Value

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	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
	Swap Id	-1
4 : SW6/4	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
	Number	3
	Swap Id	-1
3 : SW6/3	Туре	Passive
	Net Name	D4_PD4_T1
	Order	3
	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/APTD1608C0	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	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	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	INS828608
	ID	1541
	Reference	Q6
	Designator	
	Part Reference	Q6
	Value	MMBT3906/SOT
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS828608 : Q6	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/MMBT390fLT1-D.PD
	PCB Footprint	SOT23-3

 Object
 Property Name
 Property Value

 Name
 B

 Number
 1

 Swap Id
 -1

 Type
 Passive

 Net Name
 N828664

 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	N818525
	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	GND_POWER
	Order	2
	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	
NS822712 : 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
	Order	0
	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	INS822208
	ID	1309
	Reference	U18
	Designator	
	Part Reference	U18
	Value	74HC595
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS822208 : U18	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	

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
SDO: U18/SDO	Swap Id	-1
	Туре	Output
	Net Name	
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
C\L\R\: U18/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\: U18/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 : U18/SDI	Swap Id	-1
	Туре	Input
	Net Name	SHIFT_3-4
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	VCC
	Number	16
VCC : U18/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: U18/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: U18/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 : 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
QB : U18/QB	Swap Id	4
	Туре	3 State
	Net Name	N822330
	Order	9
	Is No Connect	False

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

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

Object	Property Name	Property Value
QH : U18/QH	Name	QH
	Number	7
	Swap Id	-1
	Туре	3 State
	Net Name	N822494
	Order	15
	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/A	TD1608CGCK.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
CATHODE : D21/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N820234
	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	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	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
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D26/ANODE	Туре	Passive
	Net Name	N821150
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D26/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N821322
	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
CATHODE : D37/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N822734
	Order	1
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R41/2	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	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
	Swap Id	-1
1 : R57/1	Туре	Passive
	Net Name	N820186
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R57/2	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.pd
	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	4
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	INS798742	
	ID	301	
	Reference	Q2	
	Designator		
	Part Reference	Q2	
	Value	MMBT3904/SOT	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
INS798742 : Q2	DATASHEET	http://www.onsemi.com/pub_link/Collateral/MMBT3904LT	T1-D.PDF
	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	
	PCB Footprint	SOT23-3	

Object	Property Name	Property Value
	Name	В
	Number	1
B : Q2/B	Swap Id	-1
	Туре	Passive
	Net Name	N818525
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	С
	Number	3
	Swap Id	-1
C : Q2/C	Туре	Passive
	Net Name	BAT+
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	E
	Number	2
	Swap Id	-1
E : Q2/E	Туре	Passive
	Net Name	SPEAKER_OUT
	Order	2
	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	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
	Swap Id	-1
2 : R81/2	Туре	Passive
	Net Name	BAT+
	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	INS820148	
	ID	1136	
	Reference	D20	
	Designator		
	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
ANODE : D20/ANODE	Swap Id	-1
	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	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	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
1 : R43/1	Swap Id	-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	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.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
	Swap Id	-1
ANODE : D9/ANODE	Туре	Passive
	Net Name	N814233
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	INS798760
	ID	297
	Reference	Q1
	Designator	
	Part Reference	Q1
	Value	MMBT3906/SOT
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
INS798760 : Q1	DATASHEET	http://www.onsemi.com/pub_link/Collateral/MMBT3906LT1-D.Pl
	RATED TEMP	-55 to +150
	EQUIPPED	Υ
	PRICE	0.136
	SUPPLIER	Digi-Key
	MANUFACTURER NB	MMBT3906LT1G
	MANUFACTURER	ON Semiconductor
	SUPPLIER NB	MMBT3906LT1GOSCT-ND
	MIN BUY	25
	DESCRIPTION	TRANS PNP 40V 0.2A SOT23
	PCB Footprint	SOT23-3

Object	Property Name	Property Value
	Name	В
	Number	1
B : Q1/B	Swap Id	-1
	Туре	Passive
	Net Name	N818525
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	E
	Number	2
E: Q1/E	Swap Id	-1
	Туре	Passive
	Net Name	SPEAKER_OUT
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	С
	Number	3
	Swap Id	-1
C : Q1/C	Туре	Passive
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS814317
	ID	1028
	Reference	R46
	Designator	
	Part Reference	R46
	Value	300
INS814317 : R46	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	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 : R46/1	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	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
2:R60/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	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
	Name	CATHODE
	Number	1
CATHODE : D36/CATHODE	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
	Swap Id	-1
ANODE : D10/ANODE	Туре	Passive
	Net Name	N814245
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D10/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N814352
	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
ANODE : D13/ANODE	Swap Id	4
	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	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
2 : R44/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	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	
1 : R59/1	Swap Id	-1	
	Туре	Passive	
	Net Name	N821050	
	Order	0	
	Is No Connect	False	

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

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	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	INS814183
	ID	1012
	Reference	R45
	Designator	
	Part Reference	R45
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS814183 : R45	Implementation	
	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 : R45/1	Swap Id	-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	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
	Name	CATHODE
	Number	1
CATHODE : D11/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N814348
	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
ANODE : D22/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Туре	Passive
	Net Name	N821046
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D22/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N821050
	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
2:R72/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	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.pd	df
	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 : D19/ANODE	Name	ANODE	
	Number	2	
	Swap Id	-1	
	Туре	Passive	
	Net Name	N819926	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
CATHODE : D19/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N820138
	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.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
	Swap Id	-1
ANODE : D12/ANODE	Туре	Passive
	Net Name	N814269
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D12/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N814344
	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/APTD16
	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	INS820016
	ID	1139
	Reference	R54
	Designator	
	Part Reference	R54
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
NS820016 : 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	
	Swap Id	-1	
1 : R54/1	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	INS819948
	ID	1130
	Reference	R53
	Designator	
	Part Reference	R53
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
IS819948 : 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
2:R53/2	Name	2
	Number	2
	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS809510 : R37	Name	INS809510
	ID	820
	Reference	R37
	Designator	
	Part Reference	R37
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	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
1:R37/1	Name	1
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	D6_PD6
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2:R37/2	Name	2
	Number	2
	Swap Id	-1
	Туре	Passive
	Net Name	3V
	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	DATASHEET	https://www.onsemi.com/pub/Collateral/MM74HC595-D.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	

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
	Swap Id	-1
C\L\R\: U17/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\: U17/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: U17/SDI	Туре	Input	
	Net Name	SHIFT_2-3	
	C	Order	4
	Is No Connect	False	

Object	Property Name	Property Value
	Name	VCC
	Number	16
	Swap Id	-1
VCC : U17/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: U17/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: U17/RCLK	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	
	Swap Id	-1	
QB : U17/QB	Туре	3 State	
	Net Name	N821062	
	Order	9	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	QC
	Number	2
	Swap Id	-1
QC : U17/QC	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	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
2:R66/2	Swap Id	-1
	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
1:R80/1	Swap Id	-1
	Туре	Passive
	Net Name	N828664
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R80/2	Swap Id	-1
	Туре	Passive
	Net Name	D9_PB1
	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	
NS822516 : 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
2:R70/2	Swap Id	-1
	Туре	Passive
	Net Name	GND_POWER
	Order	1
	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	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	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
	Name	ANODE
	Number	2
ANODE : D17/ANODE	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	INS819932	
	ID	1157	
	Reference	D16	
	Designator		
	Part Reference	D16	
	Value	LED GREEN	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		APTD1608CGCK.pdf
INS819932 : D16	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTI	
	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
ANODE : D16/ANODE	Swap Id	-1
	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	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
1:R38/1	Swap Id	-1
	Туре	Passive
	Net Name	D3_PD4
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R38/2	Swap Id	-1
	Туре	Passive
	Net Name	3V
	Order	1
	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/APTD1608	CGCK.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 : D29/ANODE	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	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	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
	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
ANODE : D33/ANODE	Swap Id	-1
	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	INS822432
	ID	1332
	Reference	D32
	Designator	
	Part Reference	D32
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
NS822432 : 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

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

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
CATHODE : D32/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N822482
	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		
INS820052 : D18	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CG	CK.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 : D18/ANODE	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