Object	Property Name	Property Value
Rectangle	Name	I00025
	Left	50
	Top	60
	Right	190
	Bottom	930
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I00033
	Left	320
	Top	60
	Right	560
	Bottom	330
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I00069
	Left	690
	Top	530
	Right	720
	Bottom	730
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I00095
	Left	70
	Top	610
	Right	150
	Bottom	640
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I00115
	Left	70
	Top	550
	Right	150
	Bottom	580
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I00131
	Left	60
	Top	150
	Right	140
	Bottom	180
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	I00147
	Left	60
	Top	90
Rectangle	Right	140
	Bottom	120
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	I00171
	Left	70
	Top	490
Rectangle	Right	150
	Bottom	520
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	I00187
	Left	70
	Top	430
Rectangle	Right	150
	Bottom	460
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	I00199
	Left	340
	Top	90
Rectangle	Right	420
	Bottom	130
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	I00223
	Left	340
	Top	180
Rectangle	Right	420
	Bottom	220
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	I00239
	Left	340
	Top	270
Rectangle	Right	420
	Bottom	310
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I00241
	Start X-Coordinate	140
	Start Y-Coordinate	90
	End X-Coordinate	340
	End Y-Coordinate	90

Object	Property Name	Property Value
Line	Name	I00243
	Start X-Coordinate	340
	Start Y-Coordinate	120
	End X-Coordinate	250
	End Y-Coordinate	120

Object	Property Name	Property Value
Line	Name	I00247
	Start X-Coordinate	250
	Start Y-Coordinate	150
	End X-Coordinate	140
	End Y-Coordinate	150

Object	Property Name	Property Value
Line	Name	I00251
	Start X-Coordinate	250
	Start Y-Coordinate	120
	End X-Coordinate	250
	End Y-Coordinate	150

Object	Property Name	Property Value
Line	Name	I00255
	Start X-Coordinate	420
	Start Y-Coordinate	110
	End X-Coordinate	460
	End Y-Coordinate	110

Object	Property Name	Property Value
Line	Name	I00257
	Start X-Coordinate	460
	Start Y-Coordinate	110
	End X-Coordinate	460
	End Y-Coordinate	200

Object	Property Name	Property Value
Line	Name	I00259
	Start X-Coordinate	460
	Start Y-Coordinate	200
	End X-Coordinate	420
	End Y-Coordinate	200

Object	Property Name	Property Value
Line	Name	I00261
	Start X-Coordinate	380
	Start Y-Coordinate	220
	End X-Coordinate	380
	End Y-Coordinate	270

Object	Property Name	Property Value
Rectangle	Name	I00285
	Left	600
	Top	480
	Right	890
	Bottom	790
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I00301
	Left	740
	Top	590
	Right	820
	Bottom	630
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I00404
	Left	70
	Top	670
	Right	150
	Bottom	710
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I828331
	Left	630
	Top	530
	Right	660
	Bottom	730
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
PAGE3 - POWER	Name	I00051
	Bounding Box Left	320
	Bounding Box Right	455
	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
PAGE2 - Connector	Name	I00059
	Bounding Box Left	40
	Bounding Box Right	215
	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
ARDUINO UNO	Name	I00087
	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
Solenoid	Name	I00103
	Bounding Box Left	70
	Bounding Box Right	155
	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
SWITCH-END	Name	I00121
	Bounding Box Left	60
	Bounding Box Right	165
	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
Battery	Name	I00137
	Bounding Box Left	60
	Bounding Box Right	135
	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	I00153
	Bounding Box Left	70
	Bounding Box Right	125
	Bounding Box Top	70
POWER	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	I00165
	Bounding Box Left	70
	Bounding Box Right	155
	Bounding Box Top	470
Pressure	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	I00181
	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	I00207
	Bounding Box Left	340
	Bounding Box Right	415
	Bounding Box Top	70
Charger	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	I00217
	Bounding Box Left	340
	Bounding Box Right	435
	Bounding Box Top	160
Regulator	Bounding Box Bottom	176
	Text	Regulator
	Text Location X-Coordinate	340
	Text Location Y-Coordinate	160
	Font	Courier New

Object	Property Name	Property Value
Regulator	Name	I00233
	Bounding Box Left	340
	Bounding Box Right	435
	Bounding Box Top	250
	Bounding Box Bottom	266
	Text	Regulator
	Text Location X-Coordinate	340
	Text Location Y-Coordinate	250
	Font	Courier New

Object	Property Name	Property Value
PAGE5 - Sensors	Name	I00279
	Bounding Box Left	650
	Bounding Box Right	805
	Bounding Box Top	340
	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
MCU	Name	I00295
	Bounding Box Left	740
	Bounding Box Right	775
	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
SMT	Name	I00339
	Bounding Box Left	360
	Bounding Box Right	377
	Bounding Box Top	200
	Bounding Box Bottom	209
	Text	SMT
	Text Location X-Coordinate	360
	Text Location Y-Coordinate	200
	Font	Courier New

Object	Property Name	Property Value
SMT/TH	Name	I00341
	Bounding Box Left	360
	Bounding Box Right	392
	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
SMT/TH	Name	I00343
	Bounding Box Left	360
	Bounding Box Right	392
	Bounding Box Top	100
	Bounding Box Bottom	109
	Text	SMT/TH
	Text Location X-Coordinate	360
	Text Location Y-Coordinate	100
	Font	Courier New

Object	Property Name	Property Value
Travel	Name	I00398
	Bounding Box Left	70
	Bounding Box Right	135
	Bounding Box Top	710
	Bounding Box Bottom	726
	Text	Travel
	Text Location X-Coordinate	70
	Text Location Y-Coordinate	710
	Font	Courier New

Object	Property Name	Property Value
MCU rebundancy for supply chain only one installed	Name	I828055
	Bounding Box Left	500
	Bounding Box Right	1005
	Bounding Box Top	800
	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
ARDUINO Nano	Name	I828325
	Bounding Box Left	640
	Bounding Box Right	656
	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
TitleBlock0 : TitleBlock0	Path Name	TitleBlock0
	Schematic Path	/
	ID	2
	Title	Control Ventilator
	RevCode	1.0
	Cage Code	
	OrgName	Dapem
	OrgAddr1	
	OrgAddr2	
	OrgAddr3	
	OrgAddr4	
	Document	Module view
	Page Number	1
	Page Count	5
	Name	TitleBlock0
	Design Name	FLEX-VENTILATOR-CONTROL
	Design File Name	D:\DEPOTS_DAPEM\ADHOC_INVENTORS\ELECTRONIC\SCHEMATIC\FLE
	Design Create Date	Saturday, March 21, 2020
	Design Modify Date	Tuesday, March 31, 2020
	Design Create Time	21:10:25
	Design Modify Time	22:06:38
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Saturday, March 21, 2020
	Schematic Modify Date	Tuesday, March 31, 2020
	Schematic Create Time	21:10:26
	Schematic Modify Time	22:02:10
	Schematic Page Count	5
	Schematic Page Number	1
	Page Size	B
	Page Create Date	Saturday, March 21, 2020
	Page Modify Date	Tuesday, March 31, 2020
	Page Create Time	21:10:25
	Page Modify Time	20:54:00
	Source Library	D:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	TitleBlock0
	Page Name	PAGE1 - Module
	Doc	

Object	Property Name	Property Value
Rectangle	Name	I800305
	Left	60
	Top	500
	Right	520
	Bottom	920
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I800395
	Left	570
	Top	500
	Right	1030
	Bottom	920
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I829733
	Left	330
	Top	20
	Right	780
	Bottom	210
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I829749
	Left	1110
	Top	480
	Right	1440
	Bottom	750
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I830078
	Left	310
	Top	250
	Right	760
	Bottom	440
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I830211
	Left	790
	Top	10
	Right	1150
	Bottom	270
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I830272
	Left	800
	Top	320
	Right	1090
	Bottom	440
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I830525
	Left	1170
	Top	20
	Right	1460
	Bottom	170
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I830541
	Left	1160
	Top	240
	Right	1450
	Bottom	410
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Arduino Nano	Name	I800307
	Bounding Box Left	60
	Bounding Box Right	185
	Bounding Box Top	480
	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
Arduino STD	Name	I800389
	Bounding Box Left	570
	Bounding Box Right	685
	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
Analog Input need to add amp-op for scaling signal	Name	I829741
	Bounding Box Left	250
	Bounding Box Right	755
	Bounding Box Top	210
	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
Switch to activate air valve	Name	I829757
	Bounding Box Left	1150
	Bounding Box Right	1335
	Bounding Box Top	760
	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
Ports for Mesuring where the piston is. Start point and Travel	Name	I830072
	Bounding Box Left	310
	Bounding Box Right	715
	Bounding Box Top	440
	Bounding Box Bottom	472
	Text	Ports for Mesuring where the piston is. Start point and Travel
	Text Location X-Coordinate	310
	Text Location Y-Coordinate	440
	Font	Courier New

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

Object	Property Name	Property Value
Port for Alarm signal either a piezo or speaker	Name	I830282
	Bounding Box Left	800
	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
Communication port to connect any UART device	Name	I830519
	Bounding Box Left	1170
	Bounding Box Right	1475
	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
Optionnal SPI port	Name	I830535
	Bounding Box Left	1160
	Bounding Box Right	1345
	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

Object	Property Name	Property Value
SUPPLY_IN	Name	I838555
	Bounding Box Left	110
	Bounding Box Right	205
	Bounding Box Top	210
	Bounding Box Bottom	226
	Text	SUPPLY_IN
	Text Location X-Coordinate	110
	Text Location Y-Coordinate	210
	Font	Courier New

Object	Property Name	Property Value
Battery	Name	I838649
	Bounding Box Left	100
	Bounding Box Right	175
	Bounding Box Top	360
	Bounding Box Bottom	376
	Text	Battery
	Text Location X-Coordinate	100
	Text Location Y-Coordinate	360
	Font	Courier New

Object	Property Name	Property Value
Airflow(Analog)	Name	I838657
	Bounding Box Left	350
	Bounding Box Right	505
	Bounding Box Top	180
	Bounding Box Bottom	196
	Text	Airflow(Analog)
	Text Location X-Coordinate	350
	Text Location Y-Coordinate	180
	Font	Courier New

Object	Property Name	Property Value
O2(analog)	Name	I838743
	Bounding Box Left	580
	Bounding Box Right	685
	Bounding Box Top	180
	Bounding Box Bottom	196
	Text	O2(analog)
	Text Location X-Coordinate	580
	Text Location Y-Coordinate	180
	Font	Courier New

Object	Property Name	Property Value
Limit switch	Name	I838751
	Bounding Box Left	340
	Bounding Box Right	465
	Bounding Box Top	410
	Bounding Box Bottom	426
	Text	Limit switch
	Text Location X-Coordinate	340
	Text Location Y-Coordinate	410
	Font	Courier New

Object	Property Name	Property Value
Travel	Name	I838759
	Bounding Box Left	570
	Bounding Box Right	635
	Bounding Box Top	410
	Bounding Box Bottom	426
	Text	Travel
	Text Location X-Coordinate	570
	Text Location Y-Coordinate	410
	Font	Courier New

Object	Property Name	Property Value
Pressure	Name	I838767
	Bounding Box Left	930
	Bounding Box Right	1015
	Bounding Box Top	30
	Bounding Box Bottom	46
	Text	Pressure
	Text Location X-Coordinate	930
	Text Location Y-Coordinate	30
	Font	Courier New

Object	Property Name	Property Value
PulseOxytometer	Name	I838775
	Bounding Box Left	910
	Bounding Box Right	1065
	Bounding Box Top	240
	Bounding Box Bottom	256
	Text	PulseOxytometer
	Text Location X-Coordinate	910
	Text Location Y-Coordinate	240
	Font	Courier New

Object	Property Name	Property Value
SPEAKER/PIEZO	Name	I838783
	Bounding Box Left	830
	Bounding Box Right	965
	Bounding Box Top	420
	Bounding Box Bottom	436
	Text	SPEAKER/PIEZO
	Text Location X-Coordinate	830
	Text Location Y-Coordinate	420
	Font	Courier New

Object	Property Name	Property Value
SPI_OPT	Name	I838791
	Bounding Box Left	1160
	Bounding Box Right	1235
	Bounding Box Top	240
	Bounding Box Bottom	256
	Text	SPI_OPT
	Text Location X-Coordinate	1160
	Text Location Y-Coordinate	240
	Font	Courier New

Object	Property Name	Property Value
Comunication(BT/ESP32/Serial)	Name	I838799
	Bounding Box Left	1180
	Bounding Box Right	1475
	Bounding Box Top	20
	Bounding Box Bottom	36
	Text	Comunication(BT/ESP32/Serial)
	Text Location X-Coordinate	1180
	Text Location Y-Coordinate	20
	Font	Courier New

Object	Property Name	Property Value
Valve	Name	I839631
	Bounding Box Left	1120
	Bounding Box Right	1175
	Bounding Box Top	480
	Bounding Box Bottom	496
	Text	Valve
	Text Location X-Coordinate	1120
	Text Location Y-Coordinate	480
	Font	Courier New

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 801430)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 801432)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 801478)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 801480)	Name	GND_POWER

Object	Property Name	Property Value
3V3-AR : 3V3-AR (Wire ID = 801684)	Name	3V3-AR

Object	Property Name	Property Value
3V3-AR : 3V3-AR (Wire ID = 801686)	Name	3V3-AR

Object	Property Name	Property Value
AREF : AREF (Wire ID = 801699)	Name	AREF

Object	Property Name	Property Value
AREF : AREF (Wire ID = 801701)	Name	AREF

Object	Property Name	Property Value
5V-AR : 5V-AR (Wire ID = 801708)	Name	5V-AR

Object	Property Name	Property Value
VIN : VIN (Wire ID = 802368)	Name	VIN

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	Property Name	Property Value
D2_PD2 : D2_PD2 (Wire ID = 803050)	Name	D2_PD2

Object	Property Name	Property Value
/RESET_PC6 : /RESET_PC6 (Wire ID = 803052)	Name	/RESET_PC6

Object	Property Name	Property Value
RX_PD1 : RX_PD1 (Wire ID = 803054)	Name	RX_PD1

Object	Property Name	Property Value
TX_PD0 : TX_PD0 (Wire ID = 803056)	Name	TX_PD0

Object	Property Name	Property Value
D5_PD5_T1 : D5_PD5_T1 (Wire ID = 803058)	Name	D5_PD5_T1

Object	Property Name	Property Value
D4_PD4_T0 : D4_PD4_T0 (Wire ID = 803060)	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

Object	Property Name	Property Value
D8_PB0 : D8_PB0 (Wire ID = 803068)	Name	D8_PB0

Object	Property Name	Property Value
D11_PB3_MOSI : D11_PB3_MOSI (Wire ID = 803070)	Name	D11_PB3_MOSI

Object	Property Name	Property Value
D10_PB2_SS : D10_PB2_SS (Wire ID = 803072)	Name	D10_PB2_SS

Object	Property Name	Property Value
D12_PB4_MISO : D12_PB4_MISO (Wire ID = 803074)	Name	D12_PB4_MISO

Object	Property Name	Property Value
PB5_D13_SCK : PB5_D13_SCK (Wire ID = 803271)	Name	PB5_D13_SCK

Object	Property Name	Property Value
A0_PC0_D14 : A0_PC0_D14 (Wire 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

Object	Property Name	Property Value
A3_PC3_D17 : A3_PC3_D17 (Wire ID = 803279)	Name	A3_PC3_D17

Object	Property Name	Property Value
A4_PC4_D18_SDA : A4_PC4_D18_SDA (Wire ID = 803281)	Name	A4_PC4_D18_SDA

Object	Property Name	Property Value
A5_PC5_D19_SCL : A5_PC5_D19_SCL (Wire ID = 803283)	Name	A5_PC5_D19_SCL

Object	Property Name	Property Value
A6_D20 : A6_D20 (Wire ID = 803285)	Name	A6_D20

Object	Property Name	Property Value
A7_D21 : A7_D21 (Wire ID = 803287)	Name	A7_D21

Object	Property Name	Property Value
PC6_RESET : PC6_RESET (Wire ID = 803289)	Name	PC6_RESET

Object	Property Name	Property Value
IOREF : IOREF (Wire ID = 803435)	Name	IOREF

Object	Property Name	Property Value
IOREF : IOREF (Wire ID = 803461)	Name	IOREF

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

Object	Property Name	Property Value
VIN : VIN (Wire ID = 803686)	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

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 803813)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 803817)	Name	GND_POWER

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

Object	Property Name	Property Value
A3_PC3_D17 : A3_PC3_D17 (Wire ID = 803968)	Name	A3_PC3_D17

Object	Property Name	Property Value
A4_PC4_D18_SDA : A4_PC4_D18_SDA (Wire ID = 803970)	Name	A4_PC4_D18_SDA

Object	Property Name	Property Value
A5_PC5_D19_SCL : A5_PC5_D19_SCL (Wire ID = 803972)	Name	A5_PC5_D19_SCL

Object	Property Name	Property Value
AREF : AREF (Wire ID = 804026)	Name	AREF

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 804092)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 804214)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 805121)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 805123)	Name	GND_POWER

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 805240)	Name	3V3

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 805242)	Name	3V3

Object	Property Name	Property Value
5V : 5V (Wire ID = 805268)	Name	5V

Object	Property Name	Property Value
5V : 5V (Wire ID = 805270)	Name	5V

Object	Property Name	Property Value
A4_PC4_D18_SDA : A4_PC4_D18_SDA (Wire ID = 805283)	Name	A4_PC4_D18_SDA

Object	Property Name	Property Value
A5_PC5_D19_SCL : A5_PC5_D19_SCL (Wire ID = 805289)	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	Property Name	Property Value
3V3 : 3V3 (Wire ID = 805430)	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 = 805446)	Name	A4_PC4_D18_SDA

Object	Property Name	Property Value
A5_PC5_D19_SCL : A5_PC5_D19_SCL (Wire ID = 805458)	Name	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
3V3 : 3V3 (Wire ID = 805899)	Name	3V3

Object	Property Name	Property Value
5V : 5V (Wire ID = 805903)	Name	5V

Object	Property Name	Property Value
AI_FOR_T1 : AI_FOR_T1 (Wire ID = 805915)	Name	AI_FOR_T1

Object	Property Name	Property Value
D5_PD5_T1 : D5_PD5_T1 (Wire ID = 805927)	Name	D5_PD5_T1

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 805931)	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

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 806537)	Name	3V3

Object	Property Name	Property Value
5V : 5V (Wire ID = 806541)	Name	5V

Object	Property Name	Property Value
RX_PD1 : RX_PD1 (Wire ID = 806553)	Name	RX_PD1

Object	Property Name	Property Value
TX_PD0 : TX_PD0 (Wire ID = 806565)	Name	TX_PD0

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 806569)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 806573)	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	Property Name	Property Value
3V3 : 3V3 (Wire ID = 807020)	Name	3V3

Object	Property Name	Property Value
5V : 5V (Wire ID = 807024)	Name	5V

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 807085)	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	Property Name	Property Value
A4_PC4_D18_SDA : A4_PC4_D18_SDA (Wire ID = 808125)	Name	A4_PC4_D18_SDA

Object	Property Name	Property Value
A5_PC5_D19_SCL : A5_PC5_D19_SCL (Wire ID = 808161)	Name	A5_PC5_D19_SCL

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 808315)	Name	3V3

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 808341)	Name	3V3

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

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 812000)	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+

Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 812040)	Name	BAT+

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 812044)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 812048)	Name	GND_POWER

Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 812267)	Name	BAT+

Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 812287)	Name	BAT+

Object	Property Name	Property Value
N812291 : N812291 (Wire ID = 812291)	Name	N812291

Object	Property Name	Property Value
N812291 : N812291 (Wire ID = 812295)	Name	N812291

Object	Property Name	Property Value
N812291 : N812291 (Wire ID = 812567)	Name	N812291

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 812677)	Name	GND_POWER

Object	Property Name	Property Value
A3_PC3_D17 : A3_PC3_D17 (Wire ID = 812783)	Name	A3_PC3_D17

Object	Property Name	Property Value
5V : 5V (Wire ID = 817711)	Name	5V

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 817715)	Name	3V3

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 817719)	Name	3V3

Object	Property Name	Property Value
5V : 5V (Wire ID = 817723)	Name	5V

Object	Property Name	Property Value
D2_PD2 : D2_PD2 (Wire ID = 817735)	Name	D2_PD2

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

Object	Property Name	Property Value
5V : 5V (Wire ID = 817962)	Name	5V

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 817966)	Name	3V3

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

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	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	Property Name	Property Value
3V3 : 3V3 (Wire ID = 829271)	Name	3V3

Object	Property Name	Property Value
5V : 5V (Wire ID = 829275)	Name	5V

Object	Property Name	Property Value
A0_PC0_D14 : A0_PC0_D14 (Wire ID = 829287)	Name	A0_PC0_D14

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 829291)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 829295)	Name	GND_POWER

Object	Property Name	Property Value
D2_PD2 : D2_PD2 (Wire ID = 836082)	Name	D2_PD2

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

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

Object	Property Name	Property Value
5V-AR	Name	5V-AR
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
3V3-AR	Name	3V3-AR
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

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

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

Object	Property Name	Property Value
3V3-AR	Name	3V3-AR
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
5V-AR	Name	5V-AR
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

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

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

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

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

Object	Property Name	Property Value
3V3	Name	3V3
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
5V	Name	5V
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
5V	Name	5V
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
3V3	Name	3V3
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

Object	Property Name	Property Value
5V	Name	5V
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
3V3	Name	3V3
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

Object	Property Name	Property Value
5V	Name	5V
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
3V3	Name	3V3
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

Object	Property Name	Property Value
5V	Name	5V
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
3V3	Name	3V3
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

Object	Property Name	Property Value
3V3	Name	3V3
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
3V3	Name	3V3
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

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

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

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

Object	Property Name	Property Value
5V	Name	5V
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
3V3	Name	3V3
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

Object	Property Name	Property Value
5V	Name	5V
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
3V3	Name	3V3
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

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

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

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

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

Object	Property Name	Property Value	
5V	Name	5V	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	VCC_BAR	

Object	Property Name	Property Value	
3V3	Name	3V3	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	VCC_BAR	

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

Object	Property Name	Property Value	
5V	Name	5V	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	VCC_BAR	

Object	Property Name	Property Value	
PB5_D13_SCK :	Name	PB5_D13_SCK	
	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	\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

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

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

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
D3_PD3 :	Name	D3_PD3
	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\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
/RESET_PC6 :	Name	/RESET_PC6
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

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

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

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

Object	Property Name	Property Value
A4_PC4_D18_SDA :	Name	A4_PC4_D18_SDA
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
A5_PC5_D19_SCL :	Name	A5_PC5_D19_SCL
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
A6_D20 :	Name	A6_D20
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
A7_D21 :	Name	A7_D21
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
D5_PD5_T1 :	Name	D5_PD5_T1
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
D4_PD4_T0 :	Name	D4_PD4_T0
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
D7_PD7 :	Name	D7_PD7
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
D6_PD6 :	Name	D6_PD6
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
D9_PB1 :	Name	D9_PB1
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	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.OLB
	Source Symbol	OFFPAGELEFT-L

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

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

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

Object	Property Name	Property Value
D18_PC5_SCL :	Name	D18_PC5_SCL
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

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
A0_PC0_D14 :	Name	A0_PC0_D14
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

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

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

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

Object	Property Name	Property Value
A4_PC4_D18_SDA :	Name	A4_PC4_D18_SDA
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
A5_PC5_D19_SCL :	Name	A5_PC5_D19_SCL
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

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

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

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

Object	Property Name	Property Value	
D9_PB1 :	Name	D9_PB1	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	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.OLB
	Source Symbol	OFFPAGELEFT-L	

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

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

Object	Property Name	Property Value	
D7_PD7 :	Name	D7_PD7	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
D6_PD6 :	Name	D6_PD6	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
D5_PD5_T1 :	Name	D5_PD5_T1	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
D4_PD4_T0 :	Name	D4_PD4_T0	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
D3_PD3 :	Name	D3_PD3	
	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	\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
D18_PC4_SDA :	Name	D18_PC4_SDA	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
A4_PC4_D18_SDA :	Name	A4_PC4_D18_SDA	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
A5_PC5_D19_SCL :	Name	A5_PC5_D19_SCL	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
A4_PC4_D18_SDA :	Name	A4_PC4_D18_SDA	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
A5_PC5_D19_SCL :	Name	A5_PC5_D19_SCL	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
AI_FOR_T1 :	Name	AI_FOR_T1	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
D5_PD5_T1 :	Name	D5_PD5_T1	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

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

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

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

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

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

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

Object	Property Name	Property Value
A2_PC2_D16 :	Name	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\CAPSYM.OLB
	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.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
SPEAKER_OUT :	Name	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\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
	Path Name	TitleBlock0
	Schematic Path	/
	ID	3
	Title	Control Ventilator
	RevCode	1.0
	Cage Code	
	OrgName	Dapem
	OrgAddr1	
	OrgAddr2	
	OrgAddr3	
	OrgAddr4	
	Document	Connector
	Page Number	2
	Page Count	5
	Name	TitleBlock0
	Design Name	FLEX-VENTILATOR-CONTROL
	Design File Name	D:\DEPOTS_DAPEM\ADHOC_INVENTORS\ELECTRONIC\SCHEMATIC\FLE
	Design Create Date	Saturday, March 21, 2020
TitleBlock0 : TitleBlock0	Design Modify Date	Tuesday, March 31, 2020
	Design Create Time	21:10:25
	Design Modify Time	22:06:38
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Saturday, March 21, 2020
	Schematic Modify Date	Tuesday, March 31, 2020
	Schematic Create Time	21:10:26
	Schematic Modify Time	22:02:10
	Schematic Page Count	5
	Schematic Page Number	2
	Page Size	B
	Page Create Date	Saturday, March 21, 2020
	Page Modify Date	Tuesday, March 31, 2020
	Page Create Time	21:11:44
	Page Modify Time	21:41:32
	Source Library	D:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	TitleBlock0
	Page Name	PAGE2 - Connector
	Doc	

Object	Property Name	Property Value
	Name	INS800506
	ID	449
	Reference	J16
	Designator	
	Part Reference	J16
INS800506 : J16	Value	HEADER 10
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	head10t25

Object	Property Name	Property Value
1 : J16/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	D18_PC5_SCL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J16/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	D18_PC4_SDA
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : J16/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	AREF
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4 : J16/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J16/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	PB5_D13_SCK
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6 : J16/6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	D12_PB4_MISO
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
7 : J16/7	Name	7
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	D11_PB3_MOSI
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
8 : J16/8	Name	8
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	D10_PB2_SS
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
9 : J16/9	Name	9
	Number	9
	Swap Id	-1
	Type	Passive
	Net Name	D9_PB1
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
10 : J16/10	Name	10
	Number	10
	Swap Id	-1
	Type	Passive
	Net Name	D8_PB0
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
INS812547 : D1	Name	INS812547
	ID	881
	Reference	D1
	Designator	
	Part Reference	D1
	Value	DIODE
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	DIO_PMEG6030EVPX

Object	Property Name	Property Value
A : D1/A	Name	A
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N812291
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
K : D1/K	Name	K
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	BAT+
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS808107 : R1	Name	INS808107
	ID	752
	Reference	R1
	Designator	
	Part Reference	R1
	Value	10K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R1/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R1/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	A4_PC4_D18_SDA
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS812655 : Q1	Name	INS812655
	ID	884
	Reference	Q1
	Designator	
	Part Reference	Q1
	Value	MOSFET N
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SOT23-3

Object	Property Name	Property Value
GATE : Q1/GATE	Name	GATE
	Number	1
	Swap Id	-1
	Type	Input
	Net Name	A3_PC3_D17
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
SOURCE : Q1/SOURCE	Name	SOURCE
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
DRAIN : Q1/DRAIN	Name	DRAIN
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N812291
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
INS800632 : J17	Name	INS800632
	ID	478
	Reference	J17
	Designator	
	Part Reference	J17
	Value	HEADER 6
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	head6t25

Object	Property Name	Property Value
1 : J17/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	A0_PC0_D14
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J17/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	A1_PC1_D15
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : J17/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	A2_PC2_D16
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4 : J17/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	A3_PC3_D17
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J17/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	A4_PC4_D18_SDA
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6 : J17/6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	A5_PC5_D19_SCL
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
INS806497 : J4	Name	INS806497
	ID	718
	Reference	J4
	Designator	
	Part Reference	J4
	Value	Header5
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	head5t25

Object	Property Name	Property Value
1 : J4/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J4/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : J4/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	RX_PD1
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4 : J4/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	TX_PD0
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J4/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
INS800219 : J13	Name	INS800219
	ID	385
	Reference	J13
	Designator	
	Part Reference	J13
	Value	HEADER 15
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	head15t25

Object	Property Name	Property Value
1 : J13/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	PB5_D13_SCK
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J13/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	3V3-AR
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : J13/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	AREF
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4 : J13/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	A0_PC0_D14
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J13/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	A1_PC1_D15
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6 : J13/6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	A2_PC2_D16
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
7 : J13/7	Name	7
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	A3_PC3_D17
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
8 : J13/8	Name	8
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	A4_PC4_D18_SDA
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
9 : J13/9	Name	9
	Number	9
	Swap Id	-1
	Type	Passive
	Net Name	A5_PC5_D19_SCL
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
10 : J13/10	Name	10
	Number	10
	Swap Id	-1
	Type	Passive
	Net Name	A6_D20
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
11 : J13/11	Name	11
	Number	11
	Swap Id	-1
	Type	Passive
	Net Name	A7_D21
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
12 : J13/12	Name	12
	Number	12
	Swap Id	-1
	Type	Passive
	Net Name	5V-AR
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
13 : J13/13	Name	13
	Number	13
	Swap Id	-1
	Type	Passive
	Net Name	PC6_RESET
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
14 : J13/14	Name	14
	Number	14
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
15 : J13/15	Name	15
	Number	15
	Swap Id	-1
	Type	Passive
	Net Name	VIN
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
INS805390 : J2	Name	INS805390
	ID	698
	Reference	J2
	Designator	
	Part Reference	J2
	Value	Header5
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	head5t25

Object	Property Name	Property Value
1 : J2/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J2/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : J2/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	A4_PC4_D18_SDA
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4 : J2/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	A5_PC5_D19_SCL
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J2/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
INS829231 : J3	Name	INS829231
	ID	1557
	Reference	J3
	Designator	
	Part Reference	J3
	Value	Header5
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	head5t25

Object	Property Name	Property Value
1 : J3/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J3/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : J3/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	A0_PC0_D14
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4 : J3/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J3/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
INS817930 : J1	Name	INS817930
	ID	1084
	Reference	J1
	Designator	
	Part Reference	J1
	Value	Header5
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	head5t25

Object	Property Name	Property Value
1 : J1/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J1/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : J1/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	A2_PC2_D16
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4 : J1/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J1/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
INS839652 : J12	Name	INS839652
	ID	1586
	Reference	J12
	Designator	
	Part Reference	J12
	Value	CONN2
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	282837-2
	MANUFACTURER	TE Connectivity AMP Connectors
	Manufacturer_Part_Number	282837-2
	DESCRIPTION	TERM BLK 2P SIDE ENT 5.08MM PCB
	Digi-Key PN	A113320-ND
	Manufacturer PN	282837-2
	Vendor	TE Connectivity

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

Object	Property Name	Property Value
2 : J12/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N812291
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS811978 : J5	Name	INS811978
	ID	871
	Reference	J5
	Designator	
	Part Reference	J5
	Value	CONN2
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	282837-2

Object	Property Name	Property Value
1 : J5/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	V_SUPPLY
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J5/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS806918 : J8	Name	INS806918
	ID	742
	Reference	J8
	Designator	
	Part Reference	J8
	Value	HEADER 8
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	head8t25

Object	Property Name	Property Value
1 : J8/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J8/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : J8/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	PB5_D13_SCK
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4 : J8/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	D12_PB4_MISO
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J8/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	D11_PB3_MOSI
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6 : J8/6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	D10_PB2_SS
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
7 : J8/7	Name	7
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	D8_PB0
	Order	6
	Is No Connect	False

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

Object	Property Name	Property Value
INS808143 : R2	Name	INS808143
	ID	755
	Reference	R2
	Designator	
	Part Reference	R2
	Value	10K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R2/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R2/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	A5_PC5_D19_SCL
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS800559 : J15	Name	INS800559
	ID	460
	Reference	J15
	Designator	
	Part Reference	J15
	Value	HEADER 8
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	head8t25

Object	Property Name	Property Value
1 : J15/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	0
	Is No Connect	True

Object	Property Name	Property Value
2 : J15/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	IOREF
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : J15/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	PC6_RESET
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4 : J15/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	3V3-AR
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J15/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	5V-AR
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6 : J15/6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
7 : J15/7	Name	7
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
8 : J15/8	Name	8
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	VIN
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
INS818753 : J11	Name	INS818753
	ID	1108
	Reference	J11
	Designator	
	Part Reference	J11
	Value	Header2
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	head2t25

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

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

Object	Property Name	Property Value
INS800261 : J14	Name	INS800261
	ID	401
	Reference	J14
	Designator	
	Part Reference	J14
	Value	HEADER 15
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	head15t25

Object	Property Name	Property Value
1 : J14/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	D12_PB4_MISO
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J14/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	D11_PB3_MOSI
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : J14/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	D10_PB2_SS
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4 : J14/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	D9_PB1
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J14/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	D8_PB0
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6 : J14/6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	D7_PD7
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
7 : J14/7	Name	7
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	D6_PD6
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
8 : J14/8	Name	8
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	D5_PD5_T1
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
9 : J14/9	Name	9
	Number	9
	Swap Id	-1
	Type	Passive
	Net Name	D4_PD4_T0
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
10 : J14/10	Name	10
	Number	10
	Swap Id	-1
	Type	Passive
	Net Name	D3_PD3
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
11 : J14/11	Name	11
	Number	11
	Swap Id	-1
	Type	Passive
	Net Name	D2_PD2
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
12 : J14/12	Name	12
	Number	12
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
13 : J14/13	Name	13
	Number	13
	Swap Id	-1
	Type	Passive
	Net Name	/RESET_PC6
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
14 : J14/14	Name	14
	Number	14
	Swap Id	-1
	Type	Passive
	Net Name	RX_PD1
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
15 : J14/15	Name	15
	Number	15
	Swap Id	-1
	Type	Passive
	Net Name	TX_PD0
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
INS828067 : R4	Name	INS828067
	ID	1529
	Reference	R4
	Designator	
	Part Reference	R4
	Value	10K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R4/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	A3_PC3_D17
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R4/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS800587 : J18	Name	INS800587
	ID	469
	Reference	J18
	Designator	
	Part Reference	J18
	Value	HEADER 8
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	head8t25

Object	Property Name	Property Value
1 : J18/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	D7_PD7
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J18/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	D6_PD6
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : J18/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	D5_PD5_T1
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4 : J18/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	D4_PD4_T0
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J18/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	D3_PD3
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6 : J18/6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	D2_PD2
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
7 : J18/7	Name	7
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	RX_PD1
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
8 : J18/8	Name	8
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	TX_PD0
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
INS804936 : J6	Name	INS804936
	ID	672
	Reference	J6
	Designator	
	Part Reference	J6
	Value	Header5
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	head5t25

Object	Property Name	Property Value
1 : J6/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J6/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : J6/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	A4_PC4_D18_SDA
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4 : J6/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	A5_PC5_D19_SCL
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J6/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
INS812018 : J7	Name	INS812018
	ID	868
	Reference	J7
	Designator	
	Part Reference	J7
	Value	CONN2
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	282837-2
	MANUFACTURER	TE Connectivity AMP Connectors
	Manufacturer_Part_Number	282837-2
	DESCRIPTION	TERM BLK 2P SIDE ENT 5.08MM PCB
	Digi-Key PN	A113320-ND
	Manufacturer PN	282837-2
	Vendor	TE Connectivity

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

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

Object	Property Name	Property Value
INS836064 : R3	Name	INS836064
	ID	1583
	Reference	R3
	Designator	
	Part Reference	R3
	Value	10K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	EQUIPPED	Y
	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
1 : R3/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R3/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	D2_PD2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS805859 : J10	Name	INS805859
	ID	706
	Reference	J10
	Designator	
	Part Reference	J10
	Value	Header5
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	head5t25

Object	Property Name	Property Value
1 : J10/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J10/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : J10/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	AI_FOR_T1
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4 : J10/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	D5_PD5_T1
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J10/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
INS817679 : J9	Name	INS817679
	ID	1076
	Reference	J9
	Designator	
	Part Reference	J9
	Value	Header5
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	head5t25

Object	Property Name	Property Value
1 : J9/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : J9/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : J9/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	D2_PD2
	Order	2
	Is No Connect	False

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

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

Object	Property Name	Property Value
Rectangle	Name	I824607
	Left	1040
	Top	60
	Right	1290
	Bottom	330
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I828477
	Left	120
	Top	550
	Right	770
	Bottom	810
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I828485
	Left	70
	Top	280
	Right	890
	Bottom	530
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I828493
	Left	90
	Top	10
	Right	900
	Bottom	220
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

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

Object	Property Name	Property Value
5V Supply 2A	Name	I813197
	Bounding Box Left	380
	Bounding Box Right	467
	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
Monitor Battery	Name	I817582
	Bounding Box Left	1280
	Bounding Box Right	1435
	Bounding Box Top	530
	Bounding Box Bottom	546
	Text	Monitor Battery
	Text Location X-Coordinate	1280
	Text Location Y-Coordinate	530
	Font	Courier New

Object	Property Name	Property Value
	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 external ARDUINO	Bounding Box Bottom	388
	Text	5V and 3.3V bridge if PS IC aren't there and come from external ARDUINO
	Text Location X-Coordinate	1030
	Text Location Y-Coordinate	340
	Font	Courier New

Object	Property Name	Property Value
	Name	I828501
	Bounding Box Left	320
	Bounding Box Right	535
	Bounding Box Top	260
DC/DC 5V 2A regulator	Bounding Box Bottom	276
	Text	DC/DC 5V 2A regulator
	Text Location X-Coordinate	320
	Text Location Y-Coordinate	260
	Font	Courier New

Object	Property Name	Property Value
	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

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 285895)	Name	3V3

Object	Property Name	Property Value
5V : 5V (Wire ID = 285907)	Name	5V

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 285941)	Name	3V3

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 285945)	Name	3V3

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 285949)	Name	3V3

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 285953)	Name	3V3

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 285957)	Name	3V3

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	Property Name	Property Value
5V : 5V (Wire ID = 285969)	Name	5V

Object	Property Name	Property Value
5V : 5V (Wire ID = 285973)	Name	5V

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 285977)	Name	3V3

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286077)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286081)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286085)	Name	GND_POWER

Object	Property Name	Property Value
5V : 5V (Wire ID = 286089)	Name	5V

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286093)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286097)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286101)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286105)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 286109)	Name	GND_POWER

Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 813279)	Name	BAT+

Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 813283)	Name	BAT+

Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 813287)	Name	BAT+

Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 813291)	Name	BAT+

Object	Property Name	Property Value
N813295 : N813295 (Wire ID = 813295)	Name	N813295

Object	Property Name	Property Value
N813295 : N813295 (Wire ID = 813299)	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

Object	Property Name	Property Value
5V : 5V (Wire ID = 813315)	Name	5V

Object	Property Name	Property Value
5V : 5V (Wire ID = 813319)	Name	5V

Object	Property Name	Property Value
5V : 5V (Wire ID = 813323)	Name	5V

Object	Property Name	Property Value
5V : 5V (Wire ID = 813327)	Name	5V

Object	Property Name	Property Value
5V : 5V (Wire ID = 813331)	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+

Object	Property Name	Property Value
N813295 : N813295 (Wire ID = 813347)	Name	N813295

Object	Property Name	Property Value
N813295 : N813295 (Wire ID = 813351)	Name	N813295

Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 813355)	Name	BAT+

Object	Property Name	Property Value
N813295 : N813295 (Wire ID = 813359)	Name	N813295

Object	Property Name	Property Value
EN_5V : EN_5V (Wire ID = 813387)	Name	EN_5V

Object	Property Name	Property Value
5V : 5V (Wire ID = 813391)	Name	5V

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813427)	Name	GND_POWER

Object	Property Name	Property Value
N813431 : N813431 (Wire ID = 813431)	Name	N813431

Object	Property Name	Property Value
N813431 : N813431 (Wire ID = 813435)	Name	N813431

Object	Property Name	Property Value
N813439 : N813439 (Wire ID = 813439)	Name	N813439

Object	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
5V : 5V (Wire ID = 813467)	Name	5V

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813471)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813495)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813499)	Name	GND_POWER

Object	Property Name	Property Value
5V : 5V (Wire ID = 813503)	Name	5V

Object	Property Name	Property Value
N813507 : N813507 (Wire ID = 813507)	Name	N813507

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

Object	Property Name	Property Value
N813507 : N813507 (Wire ID = 813519)	Name	N813507

Object	Property Name	Property Value
N813507 : N813507 (Wire ID = 813523)	Name	N813507

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813527)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813531)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813535)	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	Property Value
GND_POWER : GND_POWER (Wire ID = 813551)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813555)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 813587)	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

Object	Property Name	Property Value
A1_PC1_D15 : A1_PC1_D15 (Wire ID = 817492)	Name	A1_PC1_D15

Object	Property Name	Property Value
A1_PC1_D15 : A1_PC1_D15 (Wire ID = 817542)	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

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 824536)	Name	3V3

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 824538)	Name	3V3

Object	Property Name	Property Value
5V-AR : 5V-AR (Wire ID = 824552)	Name	5V-AR

Object	Property Name	Property Value
5V-AR : 5V-AR (Wire ID = 824554)	Name	5V-AR

Object	Property Name	Property Value
5V : 5V (Wire ID = 824559)	Name	5V

Object	Property Name	Property Value
5V : 5V (Wire ID = 824561)	Name	5V

Object	Property Name	Property Value
N824818 : N824818 (Wire ID = 824818)	Name	N824818

Object	Property Name	Property Value
N824824 : N824824 (Wire ID = 824824)	Name	N824824

Object	Property Name	Property Value
N824824 : N824824 (Wire ID = 824828)	Name	N824824

Object	Property Name	Property Value
N824818 : N824818 (Wire ID = 824833)	Name	N824818

Object	Property Name	Property Value
N824818 : N824818 (Wire ID = 824837)	Name	N824818

Object	Property Name	Property Value
N824845 : N824845 (Wire ID = 824845)	Name	N824845

Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 824847)	Name	BAT+

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 824864)	Name	GND_POWER

Object	Property Name	Property Value
N824824 : N824824 (Wire ID = 824971)	Name	N824824

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

Object	Property Name	Property Value
V_SUPPLY : V_SUPPLY (Wire ID = 825267)	Name	V_SUPPLY

Object	Property Name	Property Value
V_SUPPLY : V_SUPPLY (Wire ID = 825269)	Name	V_SUPPLY

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 825307)	Name	GND_POWER

Object	Property Name	Property Value
3V3	Name	3V3
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
5V	Name	5V
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

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

Object	Property Name	Property Value
5V	Name	5V
	Source Library	D:\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

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

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

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

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

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

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

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

Object	Property Name	Property Value	
3V3-AR	Name	3V3-AR	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	VCC_BAR	

Object	Property Name	Property Value	
5V-AR	Name	5V-AR	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	VCC_BAR	

Object	Property Name	Property Value	
3V3	Name	3V3	
	Source Library	D:\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	VCC_BAR	

Object	Property Name	Property Value	
5V	Name	5V	
	Source Library	D:\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	VCC_BAR	

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

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

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

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

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

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

Object	Property Name	Property Value
TitleBlock0 : TitleBlock0	Path Name	TitleBlock0
	Schematic Path	/
	ID	4
	Title	Control Ventilator
	RevCode	1.0
	Cage Code	
	OrgName	Dapem
	OrgAddr1	
	OrgAddr2	
	OrgAddr3	
	OrgAddr4	
	Document	Power
	Page Number	3
	Page Count	5
	Name	TitleBlock0
	Design Name	FLEX-VENTILATOR-CONTROL
	Design File Name	D:\DEPOTS_DAPEM\ADHOC_INVENTORS\ELECTRONIC\SCHEMATIC\FLE
	Design Create Date	Saturday, March 21, 2020
	Design Modify Date	Tuesday, March 31, 2020
	Design Create Time	21:10:25
	Design Modify Time	22:06:38
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Saturday, March 21, 2020
	Schematic Modify Date	Tuesday, March 31, 2020
	Schematic Create Time	21:10:26
	Schematic Modify Time	22:02:10
	Schematic Page Count	5
	Schematic Page Number	3
	Page Size	B
	Page Create Date	Saturday, March 21, 2020
	Page Modify Date	Tuesday, March 31, 2020
	Page Create Time	21:12:00
	Page Modify Time	22:02:08
	Source Library	D:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	TitleBlock0
	Page Name	PAGE3 - Power
	Doc	

Object	Property Name	Property Value
INS824655 : D5	Name	INS824655
	ID	1399
	Reference	D5
	Designator	
	Part Reference	D5
	Value	DIODE ZENER 12V
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	DIO_PMEG6030EVPX

Object	Property Name	Property Value
ANODE : D5/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D5/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N824824
	Order	1
	Is No Connect	False

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

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

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

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

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

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

Object	Property Name	Property Value
INS817287 : R12	Name	INS817287
	ID	1067
	Reference	R12
	Designator	
	Part Reference	R12
	Value	10K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	DESCRIPTION	RES 100 OHM 1/10W 1% 0603 SMD
	MIN BUY	100
	SUPPLIER NB	P100HCT-ND
	MANUFACTURER NB	ERJ-3EKF1000V
	MANUFACTURER	Panasonic - ECG
	SUPPLIER	Digi-Key
	PRICE	0.0126
	EQUIPPED	Y

Object	Property Name	Property Value
1 : R12/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	A1_PC1_D15
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R12/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS824762 : R11	Name	INS824762
	ID	1403
	Reference	R11
	Designator	
	Part Reference	R11
	Value	270 1/2W
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	RATED TEMP	-55℃ ~ 155℃
	MANUFACTURER	Panasonic Electronic Components
	SUPPLIER NB	P270ALCT-ND
	MANUFACTURER NB	ERJ-P08J271V
	SUPPLIER	Digi-Key
	PRICE	0.02626
	DESCRIPTION	RES SMD 270 OHM 5% 2/3W 1206
	MIN BUY	5000
	EQUIPPED	Y
	DATASHEET	https://industrial.panasonic.com/cdbs/www-data/pdf/RDO0000/AOA0000C331
	PCB Footprint	1206M3216

Object	Property Name	Property Value
1 : R11/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N824818
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R11/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N824824
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS813253 : L1	Name	INS813253
	ID	927
	Reference	L1
	Designator	
	Part Reference	L1
	Value	2.2uH
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	DESCRIPTION	FIXED IND 2.2UH 2.9A 42 MOHM SMD
	MIN BUY	10
	SUPPLIER NB	SRN5020-2R2YCT-ND
	MANUFACTURER NB	SRN5020-2R2Y
	MANUFACTURER	Bourns Inc.
	SUPPLIER	Digi-Key
	PRICE	0.413
	EQUIPPED	Y
	PCB Footprint	srn5020

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

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

Object	Property Name	Property Value
INS813561 : R9	Name	INS813561
	ID	900
	Reference	R9
	Designator	
	Part Reference	R9
	Value	180K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	DESCRIPTION	RES 180K OHM 1/10W 1% 0603 SMD
	MIN BUY	10
	SUPPLIER NB	541-180KHCT-ND
	MANUFACTURER NB	CRCW0603180KFKEA
	MANUFACTURER	Vishay Dale
	SUPPLIER	Digi-Key
	PRICE	0.113
	EQUIPPED	Y
	PCB Footprint	0603M1608

Object	Property Name	Property Value
1 : R9/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N813507
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R9/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS824473 : R5	Name	INS824473
	ID	1392
	Reference	R5
	Designator	
	Part Reference	R5
	Value	0
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R5/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	3V3-AR
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R5/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS825083 : D2	Name	INS825083
	ID	1413
	Reference	D2
	Designator	
	Part Reference	D2
	Value	DIODE
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	DIO_PMEG6030EVPX

Object	Property Name	Property Value
A : D2/A	Name	A
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	V_SUPPLY
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
K : D2/K	Name	K
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N824818
	Order	1
	Is No Connect	False

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
INS825099 : D4	Name	INS825099
	ID	1416
	Reference	D4
	Designator	
	Part Reference	D4
	Value	DIODE
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	DIO_PMEG6030EVPX

Object	Property Name	Property Value
A : D4/A	Name	A
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
K : D4/K	Name	K
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N824818
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS824393 : R6	Name	INS824393
	ID	1389
	Reference	R6
	Designator	
	Part Reference	R6
	Value	0
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	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	Y

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

Object	Property Name	Property Value
2 : R6/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS813393 : R7	Name	INS813393
	ID	903
	Reference	R7
	Designator	
	Part Reference	R7
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	EQUIPPED	Y
	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
1 : R7/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N813439
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R7/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	5V
	Order	1
	Is No Connect	False

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

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

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

Object	Property Name	Property Value
INS813409 : R8	Name	INS813409
	ID	924
	Reference	R8
	Designator	
	Part Reference	R8
	Value	953K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	DESCRIPTION	RES 953K OHM 1/10W 1% 0603 SMD
	MIN BUY	10
	SUPPLIER NB	541-953KHCT-ND
	MANUFACTURER	Vishay Dale
	MANUFACTURER NB	CRCW0603953KFKEA
	SUPPLIER	Digi-Key
	PRICE	0.113
	EQUIPPED	Y
	PCB Footprint	0603M1608

Object	Property Name	Property Value
1 : R8/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R8/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N813507
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS825032 : D3	Name	INS825032
	ID	1407
	Reference	D3
	Designator	
	Part Reference	D3
	Value	DIODE
	Primitive	DEFAULT
	Implementation Type	<none>
	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	Y
	PCB Footprint	DIO_PMEG6030EVPX

Object	Property Name	Property Value
A : D3/A	Name	A
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N824845
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
K : D3/K	Name	K
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	BAT+
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS824628 : Q2	Name	INS824628
	ID	1395
	Reference	Q2
	Designator	
	Part Reference	Q2
	Value	NPN DAR BCE
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	RATED TEMP	-55℃ ~ 150℃ (TJ)
	DESCRIPTION	TRANS NPN DARL 80V 10A DPAK
	SUPPLIER NB	MJD44E3T4GOSTR-ND
	MANUFACTURER NB	MJD44E3T4G
	MANUFACTURER	ON Semiconductor
	PRICE	0.38175
	DATASHEET	http://www.onsemi.com/pub/Collateral/MJD44E3-D.PDF
	MIN BUY	2500
	PCB Footprint	to220t3

Object	Property Name	Property Value
B : Q2/B	Name	B
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N824824
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
C : Q2/C	Name	C
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N824818
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
E : Q2/E	Name	E
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	N824845
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
INS286003 : C3	Name	INS286003
	ID	146
	Reference	C3
	Designator	
	Part Reference	C3
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	DATASHEET	http://search.murata.co.jp/Ceramy/image/img/A01X/G101/ENG/GRM188R71C
	SUPPLIER NB	490-1532-1-ND
	MANUFACTURER	Murata Electronics North America
	SUPPLIER	DIGIKEY
	MANUFACTURER NB	GRM188R71C104KA01D
	PRICE	0.01116
	DESCRIPTION	CAP CER .1UF 16V 10% X7R 0603
	MIN BUY	250
	EQUIPPED	Y
	RATED TEMP	-55℃ ~ 125℃
	PCB Footprint	0603M1608

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

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

Object	Property Name	Property Value
INS817267 : R10	Name	INS817267
	ID	1070
	Reference	R10
	Designator	
	Part Reference	R10
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	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	Y

Object	Property Name	Property Value
1 : R10/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	BAT+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R10/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	A1_PC1_D15
	Order	1
	Is No Connect	False

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
AGND : U2/AGND	Name	AGND
	Number	6
	Swap Id	-1
	Type	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
	Type	Input
	Net Name	5V
	Order	2
	Is No Connect	False

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

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

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
PGND : U2/PGND	Name	PGND
	Number	16
	Swap Id	-1
	Type	Power
	Net Name	GND_POWER
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
GNDPAD : U2/GNDPAD	Name	GNDPAD
	Number	17
	Swap Id	-1
	Type	Power
	Net Name	GND_POWER
	Order	16
	Is No Connect	False

Object	Property Name	Property Value
RESET	Name	I827674
	Bounding Box Left	260
	Bounding Box Right	315
	Bounding Box Top	650
	Bounding Box Bottom	666
	Text	RESET
	Text Location X-Coordinate	260
	Text Location Y-Coordinate	650
	Font	Courier New

Object	Property Name	Property Value
5V : 5V (Wire ID = 826467)	Name	5V

Object	Property Name	Property Value
5V : 5V (Wire ID = 826469)	Name	5V

Object	Property Name	Property Value
5V : 5V (Wire ID = 826482)	Name	5V

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 826486)	Name	3V3

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 826499)	Name	3V3

Object	Property Name	Property Value
3V3 : 3V3 (Wire ID = 826505)	Name	3V3

Object	Property Name	Property Value
5V : 5V (Wire ID = 826524)	Name	5V

Object	Property Name	Property Value
A0_PC0_D14 : A0_PC0_D14 (Wire ID = 826805)	Name	A0_PC0_D14

Object	Property Name	Property Value
A1_PC1_D15 : A1_PC1_D15 (Wire ID = 826807)	Name	A1_PC1_D15

Object	Property Name	Property Value
A2_PC2_D16 : A2_PC2_D16 (Wire ID = 826809)	Name	A2_PC2_D16

Object	Property Name	Property Value
A3_PC3_D17 : A3_PC3_D17 (Wire ID = 826811)	Name	A3_PC3_D17

Object	Property Name	Property Value
A4_PC4_D18_SDA : A4_PC4_D18_SDA (Wire ID = 826813)	Name	A4_PC4_D18_SDA

Object	Property Name	Property Value
A5_PC5_D19_SCL : A5_PC5_D19_SCL (Wire ID = 826815)	Name	A5_PC5_D19_SCL

Object	Property Name	Property Value
PC6_RESET : PC6_RESET (Wire ID = 826834)	Name	PC6_RESET

Object	Property Name	Property Value
A6_D20 : A6_D20 (Wire ID = 826844)	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 = 826877)	Name	D12_PB4_MISO

Object	Property Name	Property Value
D11_PB3_MOSI : D11_PB3_MOSI (Wire ID = 826879)	Name	D11_PB3_MOSI

Object	Property Name	Property Value
D10_PB2_SS : D10_PB2_SS (Wire ID = 826881)	Name	D10_PB2_SS

Object	Property Name	Property Value
D9_PB1 : D9_PB1 (Wire ID = 826883)	Name	D9_PB1

Object	Property Name	Property Value
D8_PB0 : D8_PB0 (Wire ID = 826885)	Name	D8_PB0

Object	Property Name	Property Value
D7_PD7 : D7_PD7 (Wire ID = 826947)	Name	D7_PD7

Object	Property Name	Property Value
D6_PD6 : D6_PD6 (Wire ID = 826949)	Name	D6_PD6

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
D3_PD4 : D3_PD4 (Wire ID = 826955)	Name	D3_PD4

Object	Property Name	Property Value
D2_PD2 : D2_PD2 (Wire ID = 826957)	Name	D2_PD2

Object	Property Name	Property Value
RX_PD1 : RX_PD1 (Wire ID = 826959)	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	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 826990)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 826995)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 826997)	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	Property Name	Property Value
PB5_D13_SCK : PB5_D13_SCK (Wire ID = 827030)	Name	PB5_D13_SCK

Object	Property Name	Property Value
N827100 : N827100 (Wire ID = 827100)	Name	N827100

Object	Property Name	Property Value
N827100 : N827100 (Wire ID = 827102)	Name	N827100

Object	Property Name	Property Value
N827100 : N827100 (Wire ID = 827107)	Name	N827100

Object	Property Name	Property Value
N827100 : N827100 (Wire ID = 827111)	Name	N827100

Object	Property Name	Property Value
N827118 : N827118 (Wire ID = 827118)	Name	N827118

Object	Property Name	Property Value
N827118 : N827118 (Wire ID = 827122)	Name	N827118

Object	Property Name	Property Value
N827118 : N827118 (Wire ID = 827124)	Name	N827118

Object	Property Name	Property Value
N827118 : N827118 (Wire ID = 827130)	Name	N827118

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 827186)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 827224)	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

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	Property Name	Property Value
D11_PB3_MOSI : D11_PB3_MOSI (Wire ID = 827560)	Name	D11_PB3_MOSI

Object	Property Name	Property Value
3V : 3V (Wire ID = 827686)	Name	3V

Object	Property Name	Property Value
3V : 3V (Wire ID = 827714)	Name	3V

Object	Property Name	Property Value
PC6_RESET : PC6_RESET (Wire ID = 827718)	Name	PC6_RESET

Object	Property Name	Property Value
PC6_RESET : PC6_RESET (Wire ID = 827722)	Name	PC6_RESET

Object	Property Name	Property Value
PC6_RESET : PC6_RESET (Wire ID = 827726)	Name	PC6_RESET

Object	Property Name	Property Value
PC6_RESET : PC6_RESET (Wire ID = 827730)	Name	PC6_RESET

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 827734)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 827738)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 827762)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 827766)	Name	GND_POWER

Object	Property Name	Property Value
PC6_RESET : PC6_RESET (Wire ID = 827770)	Name	PC6_RESET

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 827910)	Name	GND_POWER

Object	Property Name	Property Value
PC6_RESET : PC6_RESET (Wire ID = 827955)	Name	PC6_RESET

Object	Property Name	Property Value
PC6_RESET : PC6_RESET (Wire ID = 827963)	Name	PC6_RESET

Object	Property Name	Property Value
N827100 : N827100 (Wire ID = 840967)	Name	N827100

Object	Property Name	Property Value
5V	Name	5V
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
3V3	Name	3V3
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

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

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

Object	Property Name	Property Value
5V	Name	5V
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
D10_PB2_SS :	Name	D10_PB2_SS
	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\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
D9_PB1 :	Name	D9_PB1
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

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

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

Object	Property Name	Property Value
D7_PD7 :	Name	D7_PD7
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

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

Object	Property Name	Property Value
D6_PD6 :	Name	D6_PD6
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
A4_PC4_D18_SDA :	Name	A4_PC4_D18_SDA
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
D5_PD5_T1 :	Name	D5_PD5_T1
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
A5_PC5_D19_SCL :	Name	A5_PC5_D19_SCL
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
D4_PD4_T1 :	Name	D4_PD4_T1
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
A6_D20 :	Name	A6_D20
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
D3_PD4 :	Name	D3_PD4
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
A7_D21 :	Name	A7_D21
	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\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

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
RX_PD1 :	Name	RX_PD1
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

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

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

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

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
TitleBlock0 : TitleBlock0	Path Name	TitleBlock0
	Schematic Path	/
	ID	5
	Title	Control Ventilator
	RevCode	1.0
	Cage Code	
	OrgName	Dapem
	OrgAddr1	
	OrgAddr2	
	OrgAddr3	
	OrgAddr4	
	Document	MCU
	Page Number	4
	Page Count	5
	Name	TitleBlock0
	Design Name	FLEX-VENTILATOR-CONTROL
	Design File Name	D:\DEPOTS_DAPEM\ADHOC_INVENTORS\ELECTRONIC\SCHEMATIC\FLE
	Design Create Date	Saturday, March 21, 2020
	Design Modify Date	Tuesday, March 31, 2020
	Design Create Time	21:10:25
	Design Modify Time	22:06:38
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Saturday, March 21, 2020
	Schematic Modify Date	Tuesday, March 31, 2020
	Schematic Create Time	21:10:26
	Schematic Modify Time	22:02:10
	Schematic Page Count	5
	Schematic Page Number	4
	Page Size	B
	Page Create Date	Saturday, March 21, 2020
	Page Modify Date	Tuesday, March 31, 2020
	Page Create Time	21:12:22
	Page Modify Time	22:02:08
	Source Library	D:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	TitleBlock0
	Page Name	PAGE4 - MCU
	Doc	

Object	Property Name	Property Value
INS827688 : R13	Name	INS827688
	ID	1515
	Reference	R13
	Designator	
	Part Reference	R13
	Value	10k
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	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	Y

Object	Property Name	Property Value
1 : R13/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	PC6_RESET
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R13/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	3V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS827084 : C9	Name	INS827084
	ID	1491
	Reference	C9
	Designator	
	Part Reference	C9
	Value	x pF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608

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

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

Object	Property Name	Property Value
INS804809 : U3	Name	INS804809
	ID	627
	Reference	U3
	Designator	
	Part Reference	U3
	Value	ATMEGA328P-AUR
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	QFP80P900X900X120-32N
	OriginalSymbolOrigin	(-120000,130000)
	Description	ATmega328P Series 8 Bit 2 kB RAM 32 kB Flash SMT Microcontroller - TQFP
	MF	Microchip
	Availability	Unavailable
	MP	ATMEGA328P-AUR
	Package	TQFP-32 Microchip
	Price	None

Object	Property Name	Property Value
PD3(PCINT19/OC2B/INT1) : U3/PD3(PCINT19/OC2B/INT1)	Name	PD3(PCINT19/OC2B/INT1)
	Number	1
	Swap Id	-1
	Type	Bidirectional
	Net Name	D3_PD4
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
PD4(PCINT20/XCK/T0) : U3/PD4(PCINT20/XCK/T0)	Name	PD4(PCINT20/XCK/T0)
	Number	2
	Swap Id	-1
	Type	Bidirectional
	Net Name	D4_PD4_T1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
GND : U3/GND	Name	GND
	Number	3
	Swap Id	-1
	Type	Power
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
VCC : U3/VCC	Name	VCC
	Number	4
	Swap Id	-1
	Type	Power
	Net Name	5V
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
GND__1 : U3/GND__1	Name	GND__1
	Number	5
	Swap Id	-1
	Type	Power
	Net Name	GND_POWER
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
VCC__1 : U3/VCC__1	Name	VCC__1
	Number	6
	Swap Id	-1
	Type	Power
	Net Name	5V
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
PB6(PCINT6/XTAL1/TOSC1) : U3/PB6(PCINT6/XTAL1/TOSC1)	Name	PB6(PCINT6/XTAL1/TOSC1)
	Number	7
	Swap Id	-1
	Type	Bidirectional
	Net Name	N827100
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
PB7(PCINT7/XTAL2/TOSC2) : U3/PB7(PCINT7/XTAL2/TOSC2)	Name	PB7(PCINT7/XTAL2/TOSC2)
	Number	8
	Swap Id	-1
	Type	Bidirectional
	Net Name	N827118
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
PD5(PCINT21/OC0B/T1) : U3/PD5(PCINT21/OC0B/T1)	Name	PD5(PCINT21/OC0B/T1)
	Number	9
	Swap Id	-1
	Type	Bidirectional
	Net Name	D5_PD5_T1
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
PD6(PCINT22/OC0A/AIN0) : U3/PD6(PCINT22/OC0A/AIN0)	Name	PD6(PCINT22/OC0A/AIN0)
	Number	10
	Swap Id	-1
	Type	Bidirectional
	Net Name	D6_PD6
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
PD7(PCINT23/AIN1) : U3/PD7(PCINT23/AIN1)	Name	PD7(PCINT23/AIN1)
	Number	11
	Swap Id	-1
	Type	Bidirectional
	Net Name	D7_PD7
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
PB0(PCINT0/CLKO/ICP1) : U3/PB0(PCINT0/CLKO/ICP1)	Name	PB0(PCINT0/CLKO/ICP1)
	Number	12
	Swap Id	-1
	Type	Bidirectional
	Net Name	D8_PB0
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
PB1(PCINT1/OC1A) : U3/PB1(PCINT1/OC1A)	Name	PB1(PCINT1/OC1A)
	Number	13
	Swap Id	-1
	Type	Bidirectional
	Net Name	D9_PB1
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
PB2(PCINT2/!SS!/OC1B) : U3/PB2(PCINT2/!SS!/OC1B)	Name	PB2(PCINT2/!SS!/OC1B)
	Number	14
	Swap Id	-1
	Type	Bidirectional
	Net Name	D10_PB2_SS
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
PB3(PCINT3/OC2A/MOSI) : U3/PB3(PCINT3/OC2A/MOSI)	Name	PB3(PCINT3/OC2A/MOSI)
	Number	15
	Swap Id	-1
	Type	Bidirectional
	Net Name	D11_PB3_MOSI
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
PB4(PCINT4/MISO) : U3/PB4(PCINT4/MISO)	Name	PB4(PCINT4/MISO)
	Number	16
	Swap Id	-1
	Type	Bidirectional
	Net Name	D12_PB4_MISO
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
PB5(SCK/PCINT5) : U3/PB5(SCK/PCINT5)	Name	PB5(SCK/PCINT5)
	Number	17
	Swap Id	-1
	Type	Bidirectional
	Net Name	PB5_D13_SCK
	Order	16
	Is No Connect	False

Object	Property Name	Property Value
AVCC : U3/AVCC	Name	AVCC
	Number	18
	Swap Id	-1
	Type	Power
	Net Name	3V3
	Order	17
	Is No Connect	False

Object	Property Name	Property Value
ADC6 : U3/ADC6	Name	ADC6
	Number	19
	Swap Id	-1
	Type	Input
	Net Name	A6_D20
	Order	18
	Is No Connect	False

Object	Property Name	Property Value
AREF : U3/AREF	Name	AREF
	Number	20
	Swap Id	-1
	Type	Power
	Net Name	3V3
	Order	19
	Is No Connect	False

Object	Property Name	Property Value
GND__2 : U3/GND__2	Name	GND__2
	Number	21
	Swap Id	-1
	Type	Power
	Net Name	GND_POWER
	Order	20
	Is No Connect	False

Object	Property Name	Property Value
ADC7 : U3/ADC7	Name	ADC7
	Number	22
	Swap Id	-1
	Type	Input
	Net Name	A7_D21
	Order	21
	Is No Connect	False

Object	Property Name	Property Value
PC0(ADC0/PCINT8) : U3/PC0(ADC0/PCINT8)	Name	PC0(ADC0/PCINT8)
	Number	23
	Swap Id	-1
	Type	Bidirectional
	Net Name	A0_PC0_D14
	Order	22
	Is No Connect	False

Object	Property Name	Property Value
PC1(ADC1/PCINT9) : U3/PC1(ADC1/PCINT9)	Name	PC1(ADC1/PCINT9)
	Number	24
	Swap Id	-1
	Type	Bidirectional
	Net Name	A1_PC1_D15
	Order	23
	Is No Connect	False

Object	Property Name	Property Value
PC2(ADC2/PCINT10) : U3/PC2(ADC2/PCINT10)	Name	PC2(ADC2/PCINT10)
	Number	25
	Swap Id	-1
	Type	Bidirectional
	Net Name	A2_PC2_D16
	Order	24
	Is No Connect	False

Object	Property Name	Property Value
PC3(ADC3/PCINT11) : U3/PC3(ADC3/PCINT11)	Name	PC3(ADC3/PCINT11)
	Number	26
	Swap Id	-1
	Type	Bidirectional
	Net Name	A3_PC3_D17
	Order	25
	Is No Connect	False

Object	Property Name	Property Value
PC4(ADC4/SDA/PCINT12) : U3/PC4(ADC4/SDA/PCINT12)	Name	PC4(ADC4/SDA/PCINT12)
	Number	27
	Swap Id	-1
	Type	Bidirectional
	Net Name	A4_PC4_D18_SDA
	Order	26
	Is No Connect	False

Object	Property Name	Property Value
PC5(ADC5/SCL/PCINT13) : U3/PC5(ADC5/SCL/PCINT13)	Name	PC5(ADC5/SCL/PCINT13)
	Number	28
	Swap Id	-1
	Type	Bidirectional
	Net Name	A5_PC5_D19_SCL
	Order	27
	Is No Connect	False

Object	Property Name	Property Value
PC6(!RESET!/PCINT14) : U3/PC6(!RESET!/PCINT14)	Name	PC6(!RESET!/PCINT14)
	Number	29
	Swap Id	-1
	Type	Bidirectional
	Net Name	PC6_RESET
	Order	28
	Is No Connect	False

Object	Property Name	Property Value
PD0(RXD/PCINT16) : U3/PD0(RXD/PCINT16)	Name	PD0(RXD/PCINT16)
	Number	30
	Swap Id	-1
	Type	Bidirectional
	Net Name	TX_PD0
	Order	29
	Is No Connect	False

Object	Property Name	Property Value
PD1(TXD/PCINT17) : U3/PD1(TXD/PCINT17)	Name	PD1(TXD/PCINT17)
	Number	31
	Swap Id	-1
	Type	Bidirectional
	Net Name	RX_PD1
	Order	30
	Is No Connect	False

Object	Property Name	Property Value
PD2(INT0/PCINT18) : U3/PD2(INT0/PCINT18)	Name	PD2(INT0/PCINT18)
	Number	32
	Swap Id	-1
	Type	Bidirectional
	Net Name	D2_PD2
	Order	31
	Is No Connect	False

Object	Property Name	Property Value
INS827740 : SW1	Name	INS827740
	ID	1518
	Reference	SW1
	Designator	
	Part Reference	SW1
	Value	PB-NO
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	button_EVQQ2
	EQUIPPED	Y
	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
	Filename	

Object	Property Name	Property Value
1 : SW1/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
4 : SW1/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	PC6_RESET
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
2 : SW1/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
3 : SW1/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	PC6_RESET
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
INS840875 : Y4	Name	INS840875
	ID	1599
	Reference	Y4
	Designator	
	Part Reference	Y4
	Value	16MHz
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	crystal_SMD_50_32

Object	Property Name	Property Value
1 : Y4/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N827100
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
4 : Y4/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	N827118
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
2 : Y4/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
3 : Y4/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
INS827860 : C10	Name	INS827860
	ID	1526
	Reference	C10
	Designator	
	Part Reference	C10
	Value	0.1uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	RATED TEMP	-55℃ ~ 125℃
	EQUIPPED	Y
	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/G101/ENG/GRM188R71C

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

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

Object	Property Name	Property Value
INS827068 : C8	Name	INS827068
	ID	1488
	Reference	C8
	Designator	
	Part Reference	C8
	Value	x pF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608

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

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

Object	Property Name	Property Value
INS827269 : J19	Name	INS827269
	ID	1496
	Reference	J19
	Designator	
	Part Reference	J19
	Value	HEADER 3X2
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	head2x3t25

Object	Property Name	Property Value
2 : J19/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	5V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
4 : J19/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	D11_PB3_MOSI
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
6 : J19/6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
1 : J19/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	D12_PB4_MISO
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
3 : J19/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	PB5_D13_SCK
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
5 : J19/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	PC6_RESET
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
Rectangle	Name	I824094
	Left	520
	Top	470
	Right	1090
	Bottom	890
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I824096
	Left	500
	Top	30
	Right	1090
	Bottom	410
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I824098
	Left	1100
	Top	240
	Right	1450
	Bottom	660
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I824100
	Left	10
	Top	20
	Right	490
	Bottom	920
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
UP	Name	I810500
	Bounding Box Left	650
	Bounding Box Right	675
	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
DOWN	Name	I810502
	Bounding Box Left	650
	Bounding Box Right	695
	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
MENU	Name	I810504
	Bounding Box Left	890
	Bounding Box Right	935
	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
OK	Name	I810506
	Bounding Box Left	910
	Bounding Box Right	935
	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
PUT discrete led as 7 segment	Name	I811073
	Bounding Box Left	130
	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
Discrete led as Mode indicator (Programming / working / Display)	Name	I823067
	Bounding Box Left	560
	Bounding Box Right	895
	Bounding Box Top	350
	Bounding Box Bottom	382
	Text	Discrete led as Mode indicator (Programming / working / Display)
	Text Location X-Coordinate	560
	Text Location Y-Coordinate	350
	Font	Courier New

Object	Property Name	Property Value
3 DIGIT display	Name	I824108
	Bounding Box Left	200
	Bounding Box Right	355
	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
Display - Status	Name	I824116
	Bounding Box Left	760
	Bounding Box Right	925
	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
Control	Name	I824124
	Bounding Box Left	730
	Bounding Box Right	805
	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	I824132
	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	Property Name	Property Value
3V : 3V (Wire ID = 809057)	Name	3V

Object	Property Name	Property Value
3V : 3V (Wire ID = 809085)	Name	3V

Object	Property Name	Property Value
D7_PD7 : D7_PD7 (Wire ID = 809089)	Name	D7_PD7

Object	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	Property Name	Property Value
D7_PD7 : D7_PD7 (Wire ID = 809101)	Name	D7_PD7

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809105)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809109)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809133)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809137)	Name	GND_POWER

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

Object	Property Name	Property Value
3V : 3V (Wire ID = 809536)	Name	3V

Object	Property Name	Property Value
D6_PD6 : D6_PD6 (Wire ID = 809540)	Name	D6_PD6

Object	Property Name	Property Value
D6_PD6 : D6_PD6 (Wire ID = 809544)	Name	D6_PD6

Object	Property Name	Property Value
D6_PD6 : D6_PD6 (Wire ID = 809548)	Name	D6_PD6

Object	Property Name	Property Value
D6_PD6 : D6_PD6 (Wire ID = 809552)	Name	D6_PD6

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire 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	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809588)	Name	GND_POWER

Object	Property Name	Property Value
D6_PD6 : D6_PD6 (Wire ID = 809592)	Name	D6_PD6

Object	Property Name	Property Value
3V : 3V (Wire ID = 809747)	Name	3V

Object	Property Name	Property Value
3V : 3V (Wire ID = 809775)	Name	3V

Object	Property Name	Property Value
D3_PD4 : D3_PD4 (Wire ID = 809779)	Name	D3_PD4

Object	Property Name	Property Value
D3_PD4 : D3_PD4 (Wire ID = 809783)	Name	D3_PD4

Object	Property Name	Property Value
D3_PD4 : D3_PD4 (Wire ID = 809787)	Name	D3_PD4

Object	Property Name	Property Value
D3_PD4 : D3_PD4 (Wire ID = 809791)	Name	D3_PD4

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809795)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809799)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 809823)	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	Property Name	Property Value
3V : 3V (Wire ID = 810039)	Name	3V

Object	Property Name	Property Value
3V : 3V (Wire ID = 810067)	Name	3V

Object	Property Name	Property Value
D4_PD4_T1 : D4_PD4_T1 (Wire ID = 810071)	Name	D4_PD4_T1

Object	Property Name	Property Value
D4_PD4_T1 : D4_PD4_T1 (Wire ID = 810075)	Name	D4_PD4_T1

Object	Property Name	Property Value
D4_PD4_T1 : D4_PD4_T1 (Wire ID = 810079)	Name	D4_PD4_T1

Object	Property Name	Property Value
D4_PD4_T1 : D4_PD4_T1 (Wire ID = 810083)	Name	D4_PD4_T1

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 810087)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 810091)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 810115)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 810119)	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

Object	Property Name	Property Value
N814203 : N814203 (Wire ID = 814213)	Name	N814203

Object	Property Name	Property Value
N814203 : N814203 (Wire ID = 814215)	Name	N814203

Object	Property Name	Property Value
N814221 : N814221 (Wire ID = 814221)	Name	N814221

Object	Property Name	Property Value
N814221 : N814221 (Wire ID = 814225)	Name	N814221

Object	Property Name	Property Value
N814221 : N814221 (Wire ID = 814227)	Name	N814221

Object	Property Name	Property Value
N814233 : N814233 (Wire ID = 814233)	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	Property Name	Property Value
N814245 : N814245 (Wire ID = 814245)	Name	N814245

Object	Property Name	Property Value
N814245 : N814245 (Wire ID = 814249)	Name	N814245

Object	Property Name	Property Value
N814245 : N814245 (Wire ID = 814251)	Name	N814245

Object	Property Name	Property Value
N814257 : N814257 (Wire ID = 814257)	Name	N814257

Object	Property Name	Property Value
N814257 : N814257 (Wire ID = 814261)	Name	N814257

Object	Property Name	Property Value
N814257 : N814257 (Wire ID = 814263)	Name	N814257

Object	Property Name	Property Value
N814269 : N814269 (Wire ID = 814269)	Name	N814269

Object	Property Name	Property Value
N814269 : N814269 (Wire ID = 814273)	Name	N814269

Object	Property Name	Property Value
N814269 : N814269 (Wire ID = 814275)	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	Property Name	Property Value
N814340 : N814340 (Wire ID = 814340)	Name	N814340

Object	Property Name	Property Value
N814344 : N814344 (Wire ID = 814344)	Name	N814344

Object	Property Name	Property Value
N814348 : N814348 (Wire ID = 814348)	Name	N814348

Object	Property Name	Property Value
N814352 : N814352 (Wire ID = 814352)	Name	N814352

Object	Property Name	Property Value
N814356 : N814356 (Wire ID = 814356)	Name	N814356

Object	Property Name	Property Value
N814360 : N814360 (Wire ID = 814360)	Name	N814360

Object	Property Name	Property Value
N814364 : N814364 (Wire ID = 814364)	Name	N814364

Object	Property Name	Property Value
N814368 : N814368 (Wire ID = 814368)	Name	N814368

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815261)	Name	GND_POWER

Object	Property Name	Property Value
5V : 5V (Wire ID = 815267)	Name	5V

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815290)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815296)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815298)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815300)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815302)	Name	GND_POWER

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

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815341)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815343)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815347)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815351)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815355)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815359)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815363)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 815367)	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	Property Value
BAT+ : BAT+ (Wire ID = 818455)	Name	BAT+

Object	Property Name	Property Value
SPEAKER_OUT : SPEAKER_OUT (Wire ID = 818459)	Name	SPEAKER_OUT

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 818463)	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

Object	Property Name	Property Value
SPEAKER_OUT : SPEAKER_OUT (Wire ID = 818695)	Name	SPEAKER_OUT

Object	Property Name	Property Value
SPEAKER_OUT : SPEAKER_OUT (Wire ID = 818699)	Name	SPEAKER_OUT

Object	Property Name	Property Value
D8_PB0 : D8_PB0 (Wire ID = 819144)	Name	D8_PB0

Object	Property Name	Property Value
5V : 5V (Wire ID = 819698)	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
N819818 : N819818 (Wire ID = 819818)	Name	N819818

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

Object	Property Name	Property Value
N819830 : N819830 (Wire ID = 819830)	Name	N819830

Object	Property Name	Property Value
N819830 : N819830 (Wire ID = 819834)	Name	N819830

Object	Property Name	Property Value
N819846 : N819846 (Wire ID = 819846)	Name	N819846

Object	Property Name	Property Value
N819846 : N819846 (Wire ID = 819850)	Name	N819846

Object	Property Name	Property Value
5V : 5V (Wire ID = 819886)	Name	5V

Object	Property Name	Property Value
N819890 : N819890 (Wire ID = 819890)	Name	N819890

Object	Property Name	Property Value
N819890 : N819890 (Wire ID = 819894)	Name	N819890

Object	Property Name	Property Value
N819830 : N819830 (Wire ID = 819898)	Name	N819830

Object	Property Name	Property Value
N819902 : N819902 (Wire ID = 819902)	Name	N819902

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

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 819914)	Name	GND_POWER

Object	Property Name	Property Value
N819918 : N819918 (Wire ID = 819918)	Name	N819918

Object	Property Name	Property Value
N819918 : N819918 (Wire ID = 819922)	Name	N819918

Object	Property Name	Property Value
N819926 : N819926 (Wire ID = 819926)	Name	N819926

Object	Property Name	Property Value
N819926 : N819926 (Wire ID = 819930)	Name	N819926

Object	Property Name	Property Value
N819970 : N819970 (Wire ID = 819970)	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

Object	Property Name	Property Value
N819994 : N819994 (Wire ID = 819994)	Name	N819994

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 819998)	Name	GND_POWER

Object	Property Name	Property Value
N819890 : N819890 (Wire ID = 820034)	Name	N819890

Object	Property Name	Property Value
N820038 : N820038 (Wire ID = 820038)	Name	N820038

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820042)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820046)	Name	GND_POWER

Object	Property Name	Property Value
N819918 : N819918 (Wire ID = 820086)	Name	N819918

Object	Property Name	Property Value
N820090 : N820090 (Wire ID = 820090)	Name	N820090

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820094)	Name	GND_POWER

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

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820142)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820146)	Name	GND_POWER

Object	Property Name	Property Value
N819970 : N819970 (Wire ID = 820182)	Name	N819970

Object	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

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820194)	Name	GND_POWER

Object	Property Name	Property Value
N819994 : N819994 (Wire ID = 820230)	Name	N819994

Object	Property Name	Property Value
N820234 : N820234 (Wire ID = 820234)	Name	N820234

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 820238)	Name	GND_POWER

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	Property Name	Property Value
D8_PB0 : D8_PB0 (Wire ID = 821034)	Name	D8_PB0

Object	Property Name	Property Value
N821046 : N821046 (Wire ID = 821046)	Name	N821046

Object	Property Name	Property Value
N821050 : N821050 (Wire ID = 821050)	Name	N821050

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821054)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821058)	Name	GND_POWER

Object	Property Name	Property Value
N821062 : N821062 (Wire ID = 821062)	Name	N821062

Object	Property Name	Property Value
N821062 : N821062 (Wire ID = 821066)	Name	N821062

Object	Property Name	Property Value
N821078 : N821078 (Wire ID = 821078)	Name	N821078

Object	Property Name	Property Value
N821078 : N821078 (Wire ID = 821082)	Name	N821078

Object	Property Name	Property Value
5V : 5V (Wire ID = 821118)	Name	5V

Object	Property Name	Property Value
N821122 : N821122 (Wire ID = 821122)	Name	N821122

Object	Property Name	Property Value
N821122 : N821122 (Wire ID = 821126)	Name	N821122

Object	Property Name	Property Value
N821062 : N821062 (Wire ID = 821130)	Name	N821062

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

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821142)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821146)	Name	GND_POWER

Object	Property Name	Property Value
N821150 : N821150 (Wire ID = 821150)	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	Property Name	Property Value
N821202 : N821202 (Wire ID = 821206)	Name	N821202

Object	Property Name	Property Value
N821078 : N821078 (Wire ID = 821210)	Name	N821078

Object	Property Name	Property Value
N821214 : N821214 (Wire ID = 821214)	Name	N821214

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

Object	Property Name	Property Value
N821226 : N821226 (Wire ID = 821226)	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

Object	Property Name	Property Value
N821150 : N821150 (Wire ID = 821318)	Name	N821150

Object	Property Name	Property Value
N821322 : N821322 (Wire ID = 821322)	Name	N821322

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	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821374)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821378)	Name	GND_POWER

Object	Property Name	Property Value
N821202 : N821202 (Wire ID = 821414)	Name	N821202

Object	Property Name	Property Value
N821418 : N821418 (Wire ID = 821418)	Name	N821418

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821422)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821426)	Name	GND_POWER

Object	Property Name	Property Value
N821226 : N821226 (Wire ID = 821462)	Name	N821226

Object	Property Name	Property Value
N821466 : N821466 (Wire ID = 821466)	Name	N821466

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 821470)	Name	GND_POWER

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

Object	Property Name	Property Value
D8_PB0 : D8_PB0 (Wire ID = 822302)	Name	D8_PB0

Object	Property Name	Property Value
N822314 : N822314 (Wire ID = 822314)	Name	N822314

Object	Property Name	Property Value
N822318 : N822318 (Wire ID = 822318)	Name	N822318

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822322)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822326)	Name	GND_POWER

Object	Property Name	Property Value
N822330 : N822330 (Wire ID = 822330)	Name	N822330

Object	Property Name	Property Value
N822330 : N822330 (Wire ID = 822334)	Name	N822330

Object	Property Name	Property Value
N822346 : N822346 (Wire ID = 822346)	Name	N822346

Object	Property Name	Property Value
N822346 : N822346 (Wire ID = 822350)	Name	N822346

Object	Property Name	Property Value
5V : 5V (Wire ID = 822386)	Name	5V

Object	Property Name	Property Value
N822390 : N822390 (Wire ID = 822390)	Name	N822390

Object	Property Name	Property Value
N822390 : N822390 (Wire ID = 822394)	Name	N822390

Object	Property Name	Property Value
N822330 : N822330 (Wire ID = 822398)	Name	N822330

Object	Property Name	Property Value
N822402 : N822402 (Wire ID = 822402)	Name	N822402

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822406)	Name	GND_POWER

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

Object	Property Name	Property Value
N822418 : N822418 (Wire ID = 822418)	Name	N822418

Object	Property Name	Property Value
N822418 : N822418 (Wire ID = 822422)	Name	N822418

Object	Property Name	Property Value
N822426 : N822426 (Wire ID = 822426)	Name	N822426

Object	Property Name	Property Value
N822426 : N822426 (Wire ID = 822430)	Name	N822426

Object	Property Name	Property Value
N822470 : N822470 (Wire ID = 822470)	Name	N822470

Object	Property Name	Property Value
N822470 : N822470 (Wire ID = 822474)	Name	N822470

Object	Property Name	Property Value
N822346 : N822346 (Wire ID = 822478)	Name	N822346

Object	Property Name	Property Value
N822482 : N822482 (Wire ID = 822482)	Name	N822482

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822486)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822490)	Name	GND_POWER

Object	Property Name	Property Value
N822494 : N822494 (Wire ID = 822494)	Name	N822494

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822498)	Name	GND_POWER

Object	Property Name	Property Value
N822390 : N822390 (Wire ID = 822534)	Name	N822390

Object	Property Name	Property Value
N822538 : N822538 (Wire ID = 822538)	Name	N822538

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822542)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822546)	Name	GND_POWER

Object	Property Name	Property Value
N822418 : N822418 (Wire ID = 822586)	Name	N822418

Object	Property Name	Property Value
N822590 : N822590 (Wire ID = 822590)	Name	N822590

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

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)	Name	N822470

Object	Property Name	Property Value
N822686 : N822686 (Wire ID = 822686)	Name	N822686

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822690)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822694)	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	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 822742)	Name	GND_POWER

Object	Property Name	Property Value
5V : 5V (Wire ID = 823169)	Name	5V

Object	Property Name	Property Value
N828664 : N828664 (Wire ID = 828664)	Name	N828664

Object	Property Name	Property Value
D9_PB1 : D9_PB1 (Wire ID = 828692)	Name	D9_PB1

Object	Property Name	Property Value
N818525 : N818525 (Wire ID = 828721)	Name	N818525

Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 828754)	Name	BAT+

Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 828756)	Name	BAT+

Object	Property Name	Property Value
BAT+ : BAT+ (Wire ID = 828760)	Name	BAT+

Object	Property Name	Property Value
N818525 : N818525 (Wire ID = 828767)	Name	N818525

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 828928)	Name	GND_POWER

Object	Property Name	Property Value
GND_POWER : GND_POWER (Wire ID = 828932)	Name	GND_POWER

Object	Property Name	Property Value
N818525 : N818525 (Wire ID = 829042)	Name	N818525

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

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

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

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

Object	Property Name	Property Value
5V	Name	5V
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

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

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

Object	Property Name	Property Value
5V	Name	5V
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

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

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

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

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

Object	Property Name	Property Value	
5V	Name	5V	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	VCC_BAR	

Object	Property Name	Property Value	
5V	Name	5V	
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY	\CAPSYM.OLB
	Source Symbol	VCC_BAR	

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

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

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

Object	Property Name	Property Value
5V	Name	5V
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
5V	Name	5V
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

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

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

Object	Property Name	Property Value
5V	Name	5V
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
5V	Name	5V
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

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

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

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

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

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

Object	Property Name	Property Value
D9_PB1 :	Name	D9_PB1
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

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

Object	Property Name	Property Value
D7_PD7 :	Name	D7_PD7
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
D6_PD6 :	Name	D6_PD6
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
D4_PD4_T1 :	Name	D4_PD4_T1
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
D3_PD4 :	Name	D3_PD4
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	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.OLB
	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
D8_PB0 :	Name	D8_PB0
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	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.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
D8_PB0 :	Name	D8_PB0
	Source Library	C:\CADENCE\SPB_16.3\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	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.OLB
	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.OLB
	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.OLB
	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
TitleBlock0 : TitleBlock0	Path Name	TitleBlock0
	Schematic Path	/
	ID	6
	Title	Control Ventilator
	OrgAddr4	
	OrgAddr3	
	OrgAddr2	
	OrgAddr1	
	OrgName	Dapem
	Cage Code	
	RevCode	1.0
	Document	User Interface
	Page Number	5
	Page Count	5
	Name	TitleBlock0
	Design Name	FLEX-VENTILATOR-CONTROL
	Design File Name	D:\DEPOTS_DAPEM\ADHOC_INVENTORS\ELECTRONIC\SCHEMATIC\FLE
	Design Create Date	Saturday, March 21, 2020
	Design Modify Date	Tuesday, March 31, 2020
	Design Create Time	21:10:25
	Design Modify Time	22:06:38
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Saturday, March 21, 2020
	Schematic Modify Date	Tuesday, March 31, 2020
	Schematic Create Time	21:10:26
	Schematic Modify Time	22:02:10
	Schematic Page Count	5
	Schematic Page Number	5
	Page Size	B
	Page Create Date	Saturday, March 21, 2020
	Page Modify Date	Tuesday, March 31, 2020
	Page Create Time	21:23:44
	Page Modify Time	20:54:00
	Source Library	D:\CADENCE\SPB_17.4\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	TitleBlock0
	Page Name	PAGE5 - UI
	Doc	

Object	Property Name	Property Value
INS820212 : R40	Name	INS820212
	ID	1145
	Reference	R40
	Designator	
	Part Reference	R40
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R40/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N820234
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS813723 : U4	Name	INS813723
	ID	942
	Reference	U4
	Designator	
	Part Reference	U4
	Value	74HC595
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	tssop16
	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	Y
	DESCRIPTION	IC SHIFT REGISTER 8-BIT 16-TSSOP
	RATED TEMP	-40℃ ~ 85℃

Object	Property Name	Property Value
GND : U4/GND	Name	GND
	Number	8
	Swap Id	-1
	Type	Power
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
SDO : U4/SDO	Name	SDO
	Number	9
	Swap Id	-1
	Type	Output
	Net Name	SHIFT_1-2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
C\L\R\ : U4/C\L\R\	Name	C\L\R\
	Number	10
	Swap Id	-1
	Type	Input
	Net Name	5V
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
G\ : U4/G\	Name	G\
	Number	13
	Swap Id	-1
	Type	Input
	Net Name	GND_POWER
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
SDI : U4/SDI	Name	SDI
	Number	14
	Swap Id	-1
	Type	Input
	Net Name	D11_PB3_MOSI
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
VCC : U4/VCC	Name	VCC
	Number	16
	Swap Id	-1
	Type	Power
	Net Name	5V
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
SRCLK : U4/SRCLK	Name	SRCLK
	Number	11
	Swap Id	-1
	Type	Input
	Net Name	PB5_D13_SCK
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
RCLK : U4/RCLK	Name	RCLK
	Number	12
	Swap Id	-1
	Type	Input
	Net Name	D8_PB0
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
QA : U4/QA	Name	QA
	Number	15
	Swap Id	-1
	Type	3 State
	Net Name	N814199
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
QB : U4/QB	Name	QB
	Number	1
	Swap Id	-1
	Type	3 State
	Net Name	N814203
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
QC : U4/QC	Name	QC
	Number	2
	Swap Id	-1
	Type	3 State
	Net Name	N814221
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
QD : U4/QD	Name	QD
	Number	3
	Swap Id	-1
	Type	3 State
	Net Name	N814233
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
QE : U4/QE	Name	QE
	Number	4
	Swap Id	-1
	Type	3 State
	Net Name	N814245
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
QF : U4/QF	Name	QF
	Number	5
	Swap Id	-1
	Type	3 State
	Net Name	N814257
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
QG : U4/QG	Name	QG
	Number	6
	Swap Id	-1
	Type	3 State
	Net Name	N814269
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
QH : U4/QH	Name	QH
	Number	7
	Swap Id	-1
	Type	3 State
	Net Name	N814333
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
INS821428 : D37	Name	INS821428
	ID	1215
	Reference	D37
	Designator	
	Part Reference	D37
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	LED_0603M1608
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf

Object	Property Name	Property Value
ANODE : D37/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N821226
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D37/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N821466
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS809510 : R47	Name	INS809510
	ID	820
	Reference	R47
	Designator	
	Part Reference	R47
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R47/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	D6_PD6
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R47/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	3V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS822208 : U5	Name	INS822208
	ID	1309
	Reference	U5
	Designator	
	Part Reference	U5
	Value	74HC595
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	tssop16
	RATED TEMP	-40℃ ~ 85℃
	DESCRIPTION	IC SHIFT REGISTER 8-BIT 16-TSSOP
	EQUIPPED	Y
	PRICE	0.27552
	MANUFACTURER NB	MM74HC595MTCX
	MANUFACTURER	ON Semiconductor
	SUPPLIER NB	MM74HC595MTCXDKR-ND
	MIN BUY	2500
	SUPPLIER	Digi-Key
	DATASHEET	https://www.onsemi.com/pub/Collateral/MM74HC595-D.pdf

Object	Property Name	Property Value
GND : U5/GND	Name	GND
	Number	8
	Swap Id	-1
	Type	Power
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
SDO : U5/SDO	Name	SDO
	Number	9
	Swap Id	-1
	Type	Output
	Net Name	
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
C\L\R\ : U5/C\L\R\	Name	C\L\R\
	Number	10
	Swap Id	-1
	Type	Input
	Net Name	5V
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
G\ : U5/G\	Name	G\
	Number	13
	Swap Id	-1
	Type	Input
	Net Name	GND_POWER
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
SDI : U5/SDI	Name	SDI
	Number	14
	Swap Id	-1
	Type	Input
	Net Name	SHIFT_3-4
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
VCC : U5/VCC	Name	VCC
	Number	16
	Swap Id	-1
	Type	Power
	Net Name	5V
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
SRCLK : U5/SRCLK	Name	SRCLK
	Number	11
	Swap Id	-1
	Type	Input
	Net Name	PB5_D13_SCK
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
RCLK : U5/RCLK	Name	RCLK
	Number	12
	Swap Id	-1
	Type	Input
	Net Name	D8_PB0
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
QA : U5/QA	Name	QA
	Number	15
	Swap Id	-1
	Type	3 State
	Net Name	N822314
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
QB : U5/QB	Name	QB
	Number	1
	Swap Id	-1
	Type	3 State
	Net Name	N822330
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
QC : U5/QC	Name	QC
	Number	2
	Swap Id	-1
	Type	3 State
	Net Name	N822346
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
QD : U5/QD	Name	QD
	Number	3
	Swap Id	-1
	Type	3 State
	Net Name	N822390
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
QE : U5/QE	Name	QE
	Number	4
	Swap Id	-1
	Type	3 State
	Net Name	N822418
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
QF : U5/QF	Name	QF
	Number	5
	Swap Id	-1
	Type	3 State
	Net Name	N822426
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
QG : U5/QG	Name	QG
	Number	6
	Swap Id	-1
	Type	3 State
	Net Name	N822470
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
QH : U5/QH	Name	QH
	Number	7
	Swap Id	-1
	Type	3 State
	Net Name	N822494
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
INS820116 : R36	Name	INS820116
	ID	1189
	Reference	R36
	Designator	
	Part Reference	R36
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R36/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N820138
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS820016 : R34	Name	INS820016
	ID	1139
	Reference	R34
	Designator	
	Part Reference	R34
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R34/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N820038
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS813855 : R14	Name	INS813855
	ID	979
	Reference	R14
	Designator	
	Part Reference	R14
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	EQUIPPED	Y
	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
1 : R14/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N814368
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R14/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS813959 : D10	Name	INS813959
	ID	988
	Reference	D10
	Designator	
	Part Reference	D10
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	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	Y
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
ANODE : D10/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N814221
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D10/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N814360
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS821332 : D35	Name	INS821332
	ID	1212
	Reference	D35
	Designator	
	Part Reference	D35
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	LED_0603M1608
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf

Object	Property Name	Property Value
ANODE : D35/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N821158
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D35/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N821370
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS821232 : D33	Name	INS821232
	ID	1256
	Reference	D33
	Designator	
	Part Reference	D33
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	LED_0603M1608
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf

Object	Property Name	Property Value
ANODE : D33/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N821122
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D33/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N821270
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS814063 : D14	Name	INS814063
	ID	1000
	Reference	D14
	Designator	
	Part Reference	D14
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
ANODE : D14/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N814245
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D14/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N814352
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS822648 : D19	Name	INS822648
	ID	1326
	Reference	D19
	Designator	
	Part Reference	D19
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	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	Y
	EQUIPPED-PROTO	

Object	Property Name	Property Value
ANODE : D19/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N822470
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D19/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N822686
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS809111 : SW3	Name	INS809111
	ID	800
	Reference	SW3
	Designator	
	Part Reference	SW3
	Value	PB-NO
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	button_EVQQ2
	EQUIPPED	Y
	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
	Filename	

Object	Property Name	Property Value
1 : SW3/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
4 : SW3/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	D7_PD7
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
2 : SW3/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
3 : SW3/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	D7_PD7
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
INS822448 : R19	Name	INS822448
	ID	1356
	Reference	R19
	Designator	
	Part Reference	R19
	Value	300
	Primitive	DEFAULT
	Implementation Type	<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	Y

Object	Property Name	Property Value
1 : R19/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N822482
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R19/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS814167 : D18	Name	INS814167
	ID	1015
	Reference	D18
	Designator	
	Part Reference	D18
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
ANODE : D18/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N814269
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D18/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N814344
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS822552 : D15	Name	INS822552
	ID	1353
	Reference	D15
	Designator	
	Part Reference	D15
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	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	Y
	EQUIPPED-PROTO	

Object	Property Name	Property Value
ANODE : D15/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N822418
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D15/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N822590
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS822352 : D9	Name	INS822352
	ID	1297
	Reference	D9
	Designator	
	Part Reference	D9
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	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	Y
	EQUIPPED-PROTO	

Object	Property Name	Property Value
ANODE : D9/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N822330
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D9/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N822402
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS821444 : R51	Name	INS821444
	ID	1271
	Reference	R51
	Designator	
	Part Reference	R51
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R51/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N821466
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS813871 : D6	Name	INS813871
	ID	976
	Reference	D6
	Designator	
	Part Reference	D6
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	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	Y
	PCB Footprint	LED_0603M1608

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

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

Object	Property Name	Property Value
INS819932 : D24	Name	INS819932
	ID	1157
	Reference	D24
	Designator	
	Part Reference	D24
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	LED_0603M1608
	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	Y
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf

Object	Property Name	Property Value
ANODE : D24/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N819846
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D24/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N819982
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS813975 : R18	Name	INS813975
	ID	991
	Reference	R18
	Designator	
	Part Reference	R18
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	EQUIPPED	Y
	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
1 : R18/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N814360
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R18/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS821348 : R49	Name	INS821348
	ID	1262
	Reference	R49
	Designator	
	Part Reference	R49
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R49/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N821370
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS821248 : R45	Name	INS821248
	ID	1241
	Reference	R45
	Designator	
	Part Reference	R45
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R45/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N821270
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS814079 : R22	Name	INS814079
	ID	1003
	Reference	R22
	Designator	
	Part Reference	R22
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	EQUIPPED	Y
	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
1 : R22/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N814352
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R22/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS822664 : R27	Name	INS822664
	ID	1347
	Reference	R27
	Designator	
	Part Reference	R27
	Value	300
	Primitive	DEFAULT
	Implementation Type	<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	Y

Object	Property Name	Property Value
1 : R27/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N822686
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R27/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS819708
	ID	1163
	Reference	U6
	Designator	
	Part Reference	U6
	Value	74HC595
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
INS819708 : U6	PCB Footprint	tssop16
	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	Y
	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 : U6/GND	Type	Power
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	SDO
	Number	9
	Swap Id	-1
SDO : U6/SDO	Type	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\ : U6/C\L\R\	Type	Input
	Net Name	5V
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	G\
	Number	13
	Swap Id	-1
G\ : U6/G\	Type	Input
	Net Name	GND_POWER
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	SDI
	Number	14
	Swap Id	-1
SDI : U6/SDI	Type	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 : U6/VCC	Type	Power
	Net Name	5V
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	SRCLK
	Number	11
	Swap Id	-1
SRCLK : U6/SRCLK	Type	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 : U6/RCLK	Type	Input
	Net Name	D8_PB0
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	QA
	Number	15
	Swap Id	-1
QA : U6/QA	Type	3 State
	Net Name	N819814
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
QB : U6/QB	Name	QB
	Number	1
	Swap Id	-1
	Type	3 State
	Net Name	N819830
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
QC : U6/QC	Name	QC
	Number	2
	Swap Id	-1
	Type	3 State
	Net Name	N819846
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
QD : U6/QD	Name	QD
	Number	3
	Swap Id	-1
	Type	3 State
	Net Name	N819890
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
QE : U6/QE	Name	QE
	Number	4
	Swap Id	-1
	Type	3 State
	Net Name	N819918
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
QF : U6/QF	Name	QF
	Number	5
	Swap Id	-1
	Type	3 State
	Net Name	N819926
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
QG : U6/QG	Name	QG
	Number	6
	Swap Id	-1
	Type	3 State
	Net Name	N819970
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
QH : U6/QH	Name	QH
	Number	7
	Swap Id	-1
	Type	3 State
	Net Name	N819994
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
INS810041 : R38	Name	INS810041
	ID	840
	Reference	R38
	Designator	
	Part Reference	R38
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R38/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	D4_PD4_T1
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS814183 : R26	Name	INS814183
	ID	1012
	Reference	R26
	Designator	
	Part Reference	R26
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	EQUIPPED	Y
	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
1 : R26/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N814344
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R26/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS822568 : R23	Name	INS822568
	ID	1300
	Reference	R23
	Designator	
	Part Reference	R23
	Value	300
	Primitive	DEFAULT
	Implementation Type	<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	Y

Object	Property Name	Property Value
1 : R23/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N822590
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R23/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS835496 : Q3	Name	INS835496
	ID	1575
	Reference	Q3
	Designator	
	Part Reference	Q3
	Value	MMBT3906/SOT
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	DATASHEET	http://www.onsemi.com/pub_link/Collateral/MMBT3906LT1-D.PDF
	RATED TEMP	-55 to +150
	EQUIPPED	Y
	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
B : Q3/B	Name	B
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N818525
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
E : Q3/E	Name	E
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	BAT+
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
C : Q3/C	Name	C
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	SPEAKER_OUT
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS822368
	ID	1306
	Reference	R17
	Designator	
	Part Reference	R17
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
INS822368 : R17	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	Y

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R17/1	Type	Passive
	Net Name	N822402
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R17/2	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS822268 : D8	Name	INS822268
	ID	1329
	Reference	D8
	Designator	
	Part Reference	D8
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	LED_0603M1608
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf

Object	Property Name	Property Value
ANODE : D8/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N822314
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D8/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N822318
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS820148 : D28	Name	INS820148
	ID	1136
	Reference	D28
	Designator	
	Part Reference	D28
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	LED_0603M1608
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf

Object	Property Name	Property Value
ANODE : D28/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N819970
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D28/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N820186
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS819948 : R32	Name	INS819948
	ID	1130
	Reference	R32
	Designator	
	Part Reference	R32
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R32/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N819982
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R32/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS809749 : R46	Name	INS809749
	ID	835
	Reference	R46
	Designator	
	Part Reference	R46
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	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	Y

Object	Property Name	Property Value
1 : R46/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	D3_PD4
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R46/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	3V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS828636 : R39	Name	INS828636
	ID	1545
	Reference	R39
	Designator	
	Part Reference	R39
	Value	1K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R39/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N828664
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R39/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	D9_PB1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS820052 : D26	Name	INS820052
	ID	1154
	Reference	D26
	Designator	
	Part Reference	D26
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	LED_0603M1608
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf

Object	Property Name	Property Value
ANODE : D26/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N819918
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D26/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N820090
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS821164 : D32	Name	INS821164
	ID	1250
	Reference	D32
	Designator	
	Part Reference	D32
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	LED_0603M1608
	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	Y
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf

Object	Property Name	Property Value
ANODE : D32/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N821078
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D32/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N821214
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS819852 : D23	Name	INS819852
	ID	1160
	Reference	D23
	Designator	
	Part Reference	D23
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	LED_0603M1608
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf

Object	Property Name	Property Value
ANODE : D23/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N819830
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D23/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N819902
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS814301 : D20	Name	INS814301
	ID	1025
	Reference	D20
	Designator	
	Part Reference	D20
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
ANODE : D20/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N814333
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D20/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N814340
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS820940 : U7	Name	INS820940
	ID	1218
	Reference	U7
	Designator	
	Part Reference	U7
	Value	74HC595
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	tssop16
	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	Y
	DESCRIPTION	IC SHIFT REGISTER 8-BIT 16-TSSOP
	RATED TEMP	-40℃ ~ 85℃

Object	Property Name	Property Value
GND : U7/GND	Name	GND
	Number	8
	Swap Id	-1
	Type	Power
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
SDO : U7/SDO	Name	SDO
	Number	9
	Swap Id	-1
	Type	Output
	Net Name	SHIFT_3-4
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
C\L\R\ : U7/C\L\R\	Name	C\L\R\
	Number	10
	Swap Id	-1
	Type	Input
	Net Name	5V
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
G\ : U7/G\	Name	G\
	Number	13
	Swap Id	-1
	Type	Input
	Net Name	GND_POWER
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
SDI : U7/SDI	Name	SDI
	Number	14
	Swap Id	-1
	Type	Input
	Net Name	SHIFT_2-3
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
VCC : U7/VCC	Name	VCC
	Number	16
	Swap Id	-1
	Type	Power
	Net Name	5V
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
SRCLK : U7/SRCLK	Name	SRCLK
	Number	11
	Swap Id	-1
	Type	Input
	Net Name	PB5_D13_SCK
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
RCLK : U7/RCLK	Name	RCLK
	Number	12
	Swap Id	-1
	Type	Input
	Net Name	D8_PB0
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
QA : U7/QA	Name	QA
	Number	15
	Swap Id	-1
	Type	3 State
	Net Name	N821046
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
QB : U7/QB	Name	QB
	Number	1
	Swap Id	-1
	Type	3 State
	Net Name	N821062
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
QC : U7/QC	Name	QC
	Number	2
	Swap Id	-1
	Type	3 State
	Net Name	N821078
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
QD : U7/QD	Name	QD
	Number	3
	Swap Id	-1
	Type	3 State
	Net Name	N821122
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
QE : U7/QE	Name	QE
	Number	4
	Swap Id	-1
	Type	3 State
	Net Name	N821150
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
QF : U7/QF	Name	QF
	Number	5
	Swap Id	-1
	Type	3 State
	Net Name	N821158
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
QG : U7/QG	Name	QG
	Number	6
	Swap Id	-1
	Type	3 State
	Net Name	N821202
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
QH : U7/QH	Name	QH
	Number	7
	Swap Id	-1
	Type	3 State
	Net Name	N821226
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
INS822284 : R15	Name	INS822284
	ID	1338
	Reference	R15
	Designator	
	Part Reference	R15
	Value	300
	Primitive	DEFAULT
	Implementation Type	<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	Y

Object	Property Name	Property Value
1 : R15/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N822318
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R15/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS820164 : R37	Name	INS820164
	ID	1127
	Reference	R37
	Designator	
	Part Reference	R37
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R37/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N820186
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS821380 : D36	Name	INS821380
	ID	1235
	Reference	D36
	Designator	
	Part Reference	D36
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	LED_0603M1608
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf

Object	Property Name	Property Value
ANODE : D36/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N821202
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D36/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N821418
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS820068 : R35	Name	INS820068
	ID	1186
	Reference	R35
	Designator	
	Part Reference	R35
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R35/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N820090
	Order	0
	Is No Connect	False

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

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

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

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

Object	Property Name	Property Value
INS809059 : R41	Name	INS809059
	ID	805
	Reference	R41
	Designator	
	Part Reference	R41
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R41/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	D7_PD7
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R41/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	3V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS821180 : R44	Name	INS821180
	ID	1247
	Reference	R44
	Designator	
	Part Reference	R44
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R44/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N821214
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS822696 : D21	Name	INS822696
	ID	1350
	Reference	D21
	Designator	
	Part Reference	D21
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	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	Y
	EQUIPPED-PROTO	

Object	Property Name	Property Value
ANODE : D21/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N822494
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D21/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N822734
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS809562 : SW4	Name	INS809562
	ID	823
	Reference	SW4
	Designator	
	Part Reference	SW4
	Value	PB-NO
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	button_EVQQ2
	EQUIPPED	Y
	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
	Filename	

Object	Property Name	Property Value
1 : SW4/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
4 : SW4/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	D6_PD6
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
2 : SW4/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
3 : SW4/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	D6_PD6
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
INS819868 : R31	Name	INS819868
	ID	1142
	Reference	R31
	Designator	
	Part Reference	R31
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R31/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N819902
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R31/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS814011 : D12	Name	INS814011
	ID	997
	Reference	D12
	Designator	
	Part Reference	D12
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
ANODE : D12/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N814233
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D12/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N814356
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS819768 : D22	Name	INS819768
	ID	1180
	Reference	D22
	Designator	
	Part Reference	D22
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	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	Y

Object	Property Name	Property Value
ANODE : D22/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N819814
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D22/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N819818
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS821284 : D34	Name	INS821284
	ID	1265
	Reference	D34
	Designator	
	Part Reference	D34
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	LED_0603M1608
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf

Object	Property Name	Property Value
ANODE : D34/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N821150
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D34/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N821322
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS814115 : D16	Name	INS814115
	ID	1006
	Reference	D16
	Designator	
	Part Reference	D16
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf
	PCB Footprint	LED_0603M1608

Object	Property Name	Property Value
ANODE : D16/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N814257
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D16/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N814348
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS821084
	ID	1274
	Reference	D31
	Designator	
	Part Reference	D31
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
INS821084 : D31	PCB Footprint	LED_0603M1608
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf

Object	Property Name	Property Value
	Name	ANODE
	Number	2
	Swap Id	-1
ANODE : D31/ANODE	Type	Passive
	Net Name	N821062
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	1
	Swap Id	-1
CATHODE : D31/CATHODE	Type	Passive
	Net Name	N821134
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS814317 : R28	Name	INS814317
	ID	1028
	Reference	R28
	Designator	
	Part Reference	R28
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	EQUIPPED	Y
	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
1 : R28/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N814340
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R28/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS822600 : D17	Name	INS822600
	ID	1335
	Reference	D17
	Designator	
	Part Reference	D17
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	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	Y
	EQUIPPED-PROTO	

Object	Property Name	Property Value
ANODE : D17/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N822426
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D17/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N822638
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS822500 : D13	Name	INS822500
	ID	1359
	Reference	D13
	Designator	
	Part Reference	D13
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	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	Y
	EQUIPPED-PROTO	

Object	Property Name	Property Value
ANODE : D13/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N822390
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D13/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N822538
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS821396 : R50	Name	INS821396
	ID	1244
	Reference	R50
	Designator	
	Part Reference	R50
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R50/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N821418
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS813923 : R16	Name	INS813923
	ID	982
	Reference	R16
	Designator	
	Part Reference	R16
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	EQUIPPED	Y
	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
1 : R16/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N814364
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R16/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS822712 : R29	Name	INS822712
	ID	1344
	Reference	R29
	Designator	
	Part Reference	R29
	Value	300
	Primitive	DEFAULT
	Implementation Type	<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	Y

Object	Property Name	Property Value
1 : R29/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N822734
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R29/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS814027 : R20	Name	INS814027
	ID	994
	Reference	R20
	Designator	
	Part Reference	R20
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	EQUIPPED	Y
	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
1 : R20/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N814356
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R20/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS819784 : R30	Name	INS819784
	ID	1148
	Reference	R30
	Designator	
	Part Reference	R30
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R30/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N819818
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R30/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS821300 : R48	Name	INS821300
	ID	1238
	Reference	R48
	Designator	
	Part Reference	R48
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R48/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N821322
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R48/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS814131 : R24	Name	INS814131
	ID	1009
	Reference	R24
	Designator	
	Part Reference	R24
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	EQUIPPED	Y
	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
1 : R24/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N814348
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R24/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS821100 : R43	Name	INS821100
	ID	1259
	Reference	R43
	Designator	
	Part Reference	R43
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R43/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N821134
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS822616 : R25	Name	INS822616
	ID	1303
	Reference	R25
	Designator	
	Part Reference	R25
	Value	300
	Primitive	DEFAULT
	Implementation Type	<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	Y

Object	Property Name	Property Value
1 : R25/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N822638
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R25/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS821000 : D30	Name	INS821000
	ID	1253
	Reference	D30
	Designator	
	Part Reference	D30
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	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	Y

Object	Property Name	Property Value
ANODE : D30/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N821046
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D30/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N821050
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS822516 : R21	Name	INS822516
	ID	1341
	Reference	R21
	Designator	
	Part Reference	R21
	Value	300
	Primitive	DEFAULT
	Implementation Type	<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	Y

Object	Property Name	Property Value
1 : R21/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N822538
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R21/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS834937 : Q4	Name	INS834937
	ID	1571
	Reference	Q4
	Designator	
	Part Reference	Q4
	Value	MMBT3904/SOT
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	RATED TEMP	-55 to +150
	EQUIPPED	Y
	PRICE	0.136
	SUPPLIER	Digi-Key
	MANUFACTURER NB	MMBT3904LT1G
	MANUFACTURER	ON Semiconductor
	SUPPLIER NB	MMBT3904LT1GOSCT-ND
	MIN BUY	25
	DESCRIPTION	TRANS NPN 40V 0.2A SOT23
	DATASHEET	http://www.onsemi.com/pub_link/Collateral/MMBT3904LT1-D.PDF
	PCB Footprint	SOT23-3

Object	Property Name	Property Value
B : Q4/B	Name	B
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N818525
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
C : Q4/C	Name	C
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	SPEAKER_OUT
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
E : Q4/E	Name	E
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
INS820196 : D29	Name	INS820196
	ID	1133
	Reference	D29
	Designator	
	Part Reference	D29
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	LED_0603M1608
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf

Object	Property Name	Property Value
ANODE : D29/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N819994
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D29/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N820234
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS810093 : SW2	Name	INS810093
	ID	843
	Reference	SW2
	Designator	
	Part Reference	SW2
	Value	PB-NO
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	button_EVQQ2
	EQUIPPED	Y
	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
	Filename	

Object	Property Name	Property Value
1 : SW2/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
4 : SW2/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	D4_PD4_T1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
2 : SW2/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_POWER
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
3 : SW2/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	D4_PD4_T1
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
INS835550 : Q5	Name	INS835550
	ID	1579
	Reference	Q5
	Designator	
	Part Reference	Q5
	Value	MMBT3904/SOT
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	RATED TEMP	-55 to +150
	EQUIPPED	Y
	PRICE	0.136
	SUPPLIER	Digi-Key
	MANUFACTURER NB	MMBT3904LT1G
	MANUFACTURER	ON Semiconductor
	SUPPLIER NB	MMBT3904LT1GOSCT-ND
	MIN BUY	25
	DESCRIPTION	TRANS NPN 40V 0.2A SOT23
	DATASHEET	http://www.onsemi.com/pub_link/Collateral/MMBT3904LT1-D.PDF
	PCB Footprint	SOT23-3

Object	Property Name	Property Value
B : Q5/B	Name	B
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N828664
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
C : Q5/C	Name	C
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	N818525
	Order	1
	Is No Connect	False

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

Object	Property Name	Property Value
INS820100 : D27	Name	INS820100
	ID	1151
	Reference	D27
	Designator	
	Part Reference	D27
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	LED_0603M1608
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf

Object	Property Name	Property Value
ANODE : D27/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N819926
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D27/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N820138
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS820000 : D25	Name	INS820000
	ID	1183
	Reference	D25
	Designator	
	Part Reference	D25
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	LED_0603M1608
	EQUIPPED-PROTO	
	EQUIPPED	Y
	PRICE	0.15934
	SUPPLIER	Digi-Key
	MANUFACTURER NB	APTD1608CGCK
	MANUFACTURER	Kingbright
	SUPPLIER NB	754-1545-2-ND
	MIN BUY	2000
	DESCRIPTION	LED GREEN CLEAR CHIP SMD
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf

Object	Property Name	Property Value
ANODE : D25/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N819890
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D25/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N820038
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS829090 : R33	Name	INS829090
	ID	1553
	Reference	R33
	Designator	
	Part Reference	R33
	Value	300
	Primitive	DEFAULT
	Implementation Type	<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	Y

Object	Property Name	Property Value
1 : R33/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N818525
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS821016 : R42	Name	INS821016
	ID	1268
	Reference	R42
	Designator	
	Part Reference	R42
	Value	300
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	0603M1608
	EQUIPPED	Y
	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

Object	Property Name	Property Value
1 : R42/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N821050
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS809801 : SW5	Name	INS809801
	ID	830
	Reference	SW5
	Designator	
	Part Reference	SW5
	Value	PB-NO
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	button_EVQQ2
	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	Y
	Filename	

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

Object	Property Name	Property Value
4 : SW5/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	D3_PD4
	Order	1
	Is No Connect	False

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

Object	Property Name	Property Value
3 : SW5/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	D3_PD4
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
INS822432 : D11	Name	INS822432
	ID	1332
	Reference	D11
	Designator	
	Part Reference	D11
	Value	LED GREEN
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	LED_0603M1608
	DATASHEET	http://www.kingbrightusa.com/images/catalog/SPEC/APTD1608CGCK.pdf
	EQUIPPED	Y
	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
ANODE : D11/ANODE	Name	ANODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N822346
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D11/CATHODE	Name	CATHODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N822482
	Order	1
	Is No Connect	False