Object	Property Name	Property Value
Rectangle	Name	I13990
	Left	10
	Top	740
	Right	370
	Bottom	980
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I21057
	Left	10
	Top	990
	Right	370
	Bottom	1300
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I26645
	Start X-Coordinate	10
	Start Y-Coordinate	780
	End X-Coordinate	370
	End Y-Coordinate	780

Object	Property Name	Property Value
Line	Name	I26647
	Start X-Coordinate	10
	Start Y-Coordinate	1030
	End X-Coordinate	370
	End Y-Coordinate	1030

Object	Property Name	Property Value
Rectangle	Name	I66892
	Left	10
	Top	10
	Right	370
	Bottom	480
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I66904
	Start X-Coordinate	10
	Start Y-Coordinate	50
	End X-Coordinate	370
	End Y-Coordinate	50

Object	Property Name	Property Value
Rectangle	Name	I76159
	Left	10
	Top	490
	Right	370
	Bottom	730
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I76165
	Start X-Coordinate	10
	Start Y-Coordinate	530
	End X-Coordinate	370
	End Y-Coordinate	530

Object	Property Name	Property Value
Rectangle	Name	I77727
	Left	380
	Top	930
	Right	990
	Bottom	1490
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I77735
	Start X-Coordinate	380
	Start Y-Coordinate	970
	End X-Coordinate	990
	End Y-Coordinate	970

Object	Property Name	Property Value
Rectangle	Name	I137965
	Left	380
	Top	520
	Right	850
	Bottom	730
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I137977
	Start X-Coordinate	380
	Start Y-Coordinate	560
	End X-Coordinate	850
	End Y-Coordinate	560

Object	Property Name	Property Value
Rectangle	Name	I141124
	Left	380
	Top	740
	Right	850
	Bottom	920
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I141130
	Start X-Coordinate	380
	Start Y-Coordinate	780
	End X-Coordinate	850
	End Y-Coordinate	780

Object	Property Name	Property Value
Rectangle	Name	I148303
	Left	10
	Top	1310
	Right	370
	Bottom	1490
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I148315
	Start X-Coordinate	10
	Start Y-Coordinate	1350
	End X-Coordinate	370
	End Y-Coordinate	1350

Object	Property Name	Property Value
Line	Name	I153838
	Start X-Coordinate	0
	Start Y-Coordinate	1500
	End X-Coordinate	2318
	End Y-Coordinate	1500

Object	Property Name	Property Value
External Power-Supply Switch	Name	I09739
	Bounding Box Left	80
	Bounding Box Right	314
	Bounding Box Top	750
	Bounding Box Bottom	769
	Text	External Power-Supply Switch
	Text Location X-Coordinate	80
	Text Location Y-Coordinate	750
	Font	Calibri

Object	Property Name	Property Value
When S1 is closed, the target voltage gets powered with 3.3V by the programmer Please make sure that the supply voltage of the target is tolerant to 3.3V!	Name	I10162
	Bounding Box Left	110
	Bounding Box Right	270
	Bounding Box Top	940
	Bounding Box Bottom	978
	Text	When S1 is closed, the target voltage gets powered with 3.3V by the pro
	Text Location X-Coordinate	110
	Text Location Y-Coordinate	940
	Font	Calibri

Object	Property Name	Property Value
UBS Type-C #1	Name	I21367
	Bounding Box Left	140
	Bounding Box Right	256
	Bounding Box Top	1000
	Bounding Box Bottom	1019
	Text	UBS Type-C #1
	Text Location X-Coordinate	140
	Text Location Y-Coordinate	1000
	Font	Calibri

Object	Property Name	Property Value
Connectors and plugins	Name	I66898
	Bounding Box Left	100
	Bounding Box Right	285
	Bounding Box Top	20
	Bounding Box Bottom	39
	Text	Connectors and plugins
	Text Location X-Coordinate	100
	Text Location Y-Coordinate	20
	Font	Calibri

Object	Property Name	Property Value
Level Shiffter	Name	I77673
	Bounding Box Left	140
	Bounding Box Right	245
	Bounding Box Top	500
	Bounding Box Bottom	519
	Text	Level Shiffter
	Text Location X-Coordinate	140
	Text Location Y-Coordinate	500
	Font	Calibri

Object	Property Name	Property Value
Data Interface	Name	I77721
	Bounding Box Left	630
	Bounding Box Right	745
	Bounding Box Top	940
	Bounding Box Bottom	959
	Text	Data Interface
	Text Location X-Coordinate	630
	Text Location Y-Coordinate	940
	Font	Calibri

Object	Property Name	Property Value
LDO Voltage	Name	I137971
	Bounding Box Left	570
	Bounding Box Right	670
	Bounding Box Top	530
	Bounding Box Bottom	549
	Text	LDO Voltage
	Text Location X-Coordinate	570
	Text Location Y-Coordinate	530
	Font	Calibri

Object	Property Name	Property Value
Filters	Name	I141118
	Bounding Box Left	590
	Bounding Box Right	642
	Bounding Box Top	750
	Bounding Box Bottom	769
	Text	Filters
	Text Location X-Coordinate	590
	Text Location Y-Coordinate	750
	Font	Calibri

Object	Property Name	Property Value
ESD Secure	Name	I148309
	Bounding Box Left	140
	Bounding Box Right	231
	Bounding Box Top	1320
	Bounding Box Bottom	1339
	Text	ESD Secure
	Text Location X-Coordinate	140
	Text Location Y-Coordinate	1320
	Font	Calibri

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 2961)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 2965)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3036)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3050)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3054)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3062)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3077)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3079)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3092)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3096)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3109)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3113)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3128)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3132)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3149)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3151)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3184)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3186)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3217)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3221)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3377)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3381)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3406)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3410)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3437)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3441)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3470)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3474)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3505)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3509)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3542)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3546)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3581)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3583)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3646)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3650)	Name	+3V3

Object	Property Name	Property Value
PB1 : PB1 (Wire ID = 3778)	Name	PB1

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 4045)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 4049)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 4053)	Name	+3V3

Object	Property Name	Property Value
PB1 : PB1 (Wire ID = 4099)	Name	PB1

Object	Property Name	Property Value
PA0 : PA0 (Wire ID = 4458)	Name	PA0

Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 4731)	Name	VSENS

Object	Property Name	Property Value
PA0 : PA0 (Wire ID = 4868)	Name	PA0

Object	Property Name	Property Value
PA0 : PA0 (Wire ID = 4872)	Name	PA0

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 5002)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 5073)	Name	+3V3

Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 5145)	Name	VSENS

Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 5149)	Name	VSENS

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 5962)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 6035)	Name	+3V3

Object	Property Name	Property Value
SWDIO/PA13 : SWDIO/PA13 (Wire ID = 7356)	Name	SWDIO/PA13

Object	Property Name	Property Value
SWCLK/PA14 : SWCLK/PA14 (Wire ID = 7360)	Name	SWCLK/PA14

Object	Property Name	Property Value
J1 : J1 (Wire ID = 7578)	Name	J1

Object	Property Name	Property Value
J1 : J1 (Wire ID = 7853)	Name	J1

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 7935)	Name	+3V3

Object	Property Name	Property Value
J1 : J1 (Wire ID = 8079)	Name	J1

Object	Property Name	Property Value
J1 : J1 (Wire ID = 11663)	Name	J1

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 17006)	Name	VBUS

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 17010)	Name	VBUS

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 17202)	Name	VBUS

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 17206)	Name	VBUS

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 17248)	Name	VBUS

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 17250)	Name	VBUS

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 17263)	Name	VBUS

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 17267)	Name	VBUS

Object	Property Name	Property Value
R9 : R9 (Wire ID = 18895)	Name	R9

Object	Property Name	Property Value
R9 : R9 (Wire ID = 18899)	Name	R9

Object	Property Name	Property Value
R10 : R10 (Wire ID = 18928)	Name	R10

Object	Property Name	Property Value
R10 : R10 (Wire ID = 20197)	Name	R10

Object	Property Name	Property Value
DP : DP (Wire ID = 20415)	Name	DP

Object	Property Name	Property Value
DP : DP (Wire ID = 20419)	Name	DP

Object	Property Name	Property Value
DP : DP (Wire ID = 20424)	Name	DP

Object	Property Name	Property Value
DP : DP (Wire ID = 20428)	Name	DP

Object	Property Name	Property Value
DP : DP (Wire ID = 20433)	Name	DP

Object	Property Name	Property Value
DP : DP (Wire ID = 20437)	Name	DP

Object	Property Name	Property Value
DN : DN (Wire ID = 20446)	Name	DN

Object	Property Name	Property Value
DN : DN (Wire ID = 20450)	Name	DN

Object	Property Name	Property Value
DN : DN (Wire ID = 20455)	Name	DN

Object	Property Name	Property Value
DN : DN (Wire ID = 20459)	Name	DN

Object	Property Name	Property Value
DN : DN (Wire ID = 20464)	Name	DN

Object	Property Name	Property Value
DN : DN (Wire ID = 20468)	Name	DN

Object	Property Name	Property Value
DP : DP (Wire ID = 20600)	Name	DP

Object	Property Name	Property Value
DP : DP (Wire ID = 20604)	Name	DP

Object	Property Name	Property Value
DN : DN (Wire ID = 20609)	Name	DN

Object	Property Name	Property Value
DN : DN (Wire ID = 20613)	Name	DN

Object	Property Name	Property Value
DP : DP (Wire ID = 20661)	Name	DP

Object	Property Name	Property Value
DP : DP (Wire ID = 20665)	Name	DP

Object	Property Name	Property Value
DN : DN (Wire ID = 20680)	Name	DN

Object	Property Name	Property Value
DN : DN (Wire ID = 20684)	Name	DN

Object	Property Name	Property Value
SWDIO/PA13 : SWDIO/PA13 (Wire ID = 21721)	Name	SWDIO/PA13

Object	Property Name	Property Value
SWCLK/PA14 : SWCLK/PA14 (Wire ID = 21725)	Name	SWCLK/PA14

Object	Property Name	Property Value
C5 : C5 (Wire ID = 24594)	Name	C5

Object	Property Name	Property Value
C5 : C5 (Wire ID = 24598)	Name	C5

Object	Property Name	Property Value
M10 : M10 (Wire ID = 24643)	Name	M10

Object	Property Name	Property Value
F13 : F13 (Wire ID = 25185)	Name	F13

Object	Property Name	Property Value
F13 : F13 (Wire ID = 25404)	Name	F13

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 39462)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 39510)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 39514)	Name	+3V3

Object	Property Name	Property Value
N39518 : N39518 (Wire ID = 39518)	Name	N39518

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 39522)	Name	+3V3

Object	Property Name	Property Value
R4 : R4 (Wire ID = 39834)	Name	R4

Object	Property Name	Property Value
R4 : R4 (Wire ID = 39838)	Name	R4

Object	Property Name	Property Value
R4 : R4 (Wire ID = 39843)	Name	R4

Object	Property Name	Property Value
J15 : J15 (Wire ID = 47608)	Name	J15

Object	Property Name	Property Value
J15 : J15 (Wire ID = 47612)	Name	J15

Object	Property Name	Property Value
L4 : L4 (Wire ID = 47624)	Name	L4

Object	Property Name	Property Value
D15 : D15 (Wire ID = 48567)	Name	D15

Object	Property Name	Property Value
D15 : D15 (Wire ID = 51995)	Name	D15

Object	Property Name	Property Value
D15 : D15 (Wire ID = 51999)	Name	D15

Object	Property Name	Property Value
D15 : D15 (Wire ID = 52003)	Name	D15

Object	Property Name	Property Value
N52044 : N52044 (Wire ID = 52044)	Name	N52044

Object	Property Name	Property Value
N52750 : N52750 (Wire ID = 52750)	Name	N52750

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 52864)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 52964)	Name	+3V3

Object	Property Name	Property Value
0 : 0 (Wire ID = 53161)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53165)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53225)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53231)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53235)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53243)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53247)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53490)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53492)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53519)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53523)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53552)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53556)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53587)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53591)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53622)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53662)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53664)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53706)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53710)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53746)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53750)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53788)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53790)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53844)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53895)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53899)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53952)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 53956)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 54001)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 54005)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 54052)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 54056)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 55260)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 55264)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 55342)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 55421)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 55501)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 55582)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 55584)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 55667)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 55669)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 55758)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 55762)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 55853)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 55857)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 55861)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 55935)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 55937)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 56033)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 56037)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 56115)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 56119)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 56468)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 56470)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 56574)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 56578)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 56662)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 56666)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 56756)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 56844)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 56848)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 56938)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 56942)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57034)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57038)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57132)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57136)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57232)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57236)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57334)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57338)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57438)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57442)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57544)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57548)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57652)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57656)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57762)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57766)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57874)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57878)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57988)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 57990)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 58158)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 58162)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 58276)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 58280)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 58396)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 58400)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 58518)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 58522)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 58642)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 58646)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 58768)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 58772)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 58896)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 58900)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 59026)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 59030)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 59158)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 59162)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 59292)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 59296)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 59428)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 59432)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 59566)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 59570)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 59778)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 59782)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 59998)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 60138)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 60284)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 60288)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 60432)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 60436)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 61469)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 61473)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 61846)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
A7 : A7 (Wire ID = 63038)	Name	A7

Object	Property Name	Property Value
C10 : C10 (Wire ID = 63048)	Name	C10

Object	Property Name	Property Value
N12 : N12 (Wire ID = 63068)	Name	N12

Object	Property Name	Property Value
L2 : L2 (Wire ID = 63078)	Name	L2

Object	Property Name	Property Value
L3 : L3 (Wire ID = 63092)	Name	L3

Object	Property Name	Property Value
L3 : L3 (Wire ID = 63108)	Name	L3

Object	Property Name	Property Value
P3 : P3 (Wire ID = 63118)	Name	P3

Object	Property Name	Property Value
D12 : D12 (Wire ID = 63128)	Name	D12

Object	Property Name	Property Value
0 : 0 (Wire ID = 66932)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 66936)	Name	VBUS

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 66940)	Name	+3V3

Object	Property Name	Property Value
0 : 0 (Wire ID = 66972)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 66976)	Name	VBUS

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 66980)	Name	+3V3

Object	Property Name	Property Value
NRST : NRST (Wire ID = 66984)	Name	NRST

Object	Property Name	Property Value
TCLK/SWCLK : TCLK/SWCLK (Wire ID = 66990)	Name	TCLK/SWCLK

Object	Property Name	Property Value
TMS/SWDIO : TMS/SWDIO (Wire ID = 66996)	Name	TMS/SWDIO

Object	Property Name	Property Value
LINK_TX : LINK_TX (Wire ID = 67002)	Name	LINK_TX

Object	Property Name	Property Value
LINK_RX : LINK_RX (Wire ID = 67008)	Name	LINK_RX

Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 67046)	Name	VSENS

Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 67050)	Name	VSENS

Object	Property Name	Property Value
TMS/SWDIO : TMS/SWDIO (Wire ID = 67054)	Name	TMS/SWDIO

Object	Property Name	Property Value
NRST : NRST (Wire ID = 67060)	Name	NRST

Object	Property Name	Property Value
TCLK/SWCLK : TCLK/SWCLK (Wire ID = 67066)	Name	TCLK/SWCLK

Object	Property Name	Property Value
TDO/SWO : TDO/SWO (Wire ID = 67072)	Name	TDO/SWO

Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 67094)	Name	VSENS

Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 67130)	Name	VSENS

Object	Property Name	Property Value
TMS/SWDIO : TMS/SWDIO (Wire ID = 67134)	Name	TMS/SWDIO

Object	Property Name	Property Value
0 : 0 (Wire ID = 67140)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 67144)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
TCLK/SWCLK : TCLK/SWCLK (Wire ID = 67148)	Name	TCLK/SWCLK

Object	Property Name	Property Value
0 : 0 (Wire ID = 67154)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 67158)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
TDO/SWO : TDO/SWO (Wire ID = 67162)	Name	TDO/SWO

Object	Property Name	Property Value
TDI : TDI (Wire ID = 67168)	Name	TDI

Object	Property Name	Property Value
0 : 0 (Wire ID = 67174)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 67178)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
NRST : NRST (Wire ID = 67182)	Name	NRST

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 76816)	Name	+3V3

Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 76880)	Name	VSENS

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 76884)	Name	+3V3

Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 76888)	Name	VSENS

Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 76892)	Name	VSENS

Object	Property Name	Property Value
0 : 0 (Wire ID = 76896)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 76900)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 76904)	Name	VSENS

Object	Property Name	Property Value
A7 : A7 (Wire ID = 76908)	Name	A7

Object	Property Name	Property Value
0 : 0 (Wire ID = 76914)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 76918)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
N12 : N12 (Wire ID = 76922)	Name	N12

Object	Property Name	Property Value
R2 : R2 (Wire ID = 76928)	Name	R2

Object	Property Name	Property Value
D12 : D12 (Wire ID = 76934)	Name	D12

Object	Property Name	Property Value
L2 : L2 (Wire ID = 76940)	Name	L2

Object	Property Name	Property Value
0 : 0 (Wire ID = 76946)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 76950)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
R6 : R6 (Wire ID = 76954)	Name	R6

Object	Property Name	Property Value
0 : 0 (Wire ID = 76960)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 76964)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 76968)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 76972)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 76976)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 76980)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 76984)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 76988)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 76992)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 76996)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 77000)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 77004)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 77008)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 77012)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 77399)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 77403)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 78159)	Name	VSENS

Object	Property Name	Property Value
R2 : R2 (Wire ID = 78177)	Name	R2

Object	Property Name	Property Value
R2 : R2 (Wire ID = 78181)	Name	R2

Object	Property Name	Property Value
R2 : R2 (Wire ID = 78197)	Name	R2

Object	Property Name	Property Value
C10 : C10 (Wire ID = 78252)	Name	C10

Object	Property Name	Property Value
M10 : M10 (Wire ID = 78785)	Name	M10

Object	Property Name	Property Value
M11 : M11 (Wire ID = 78797)	Name	M11

Object	Property Name	Property Value
M11 : M11 (Wire ID = 78809)	Name	M11

Object	Property Name	Property Value
L2 : L2 (Wire ID = 78820)	Name	L2

Object	Property Name	Property Value
L2 : L2 (Wire ID = 78831)	Name	L2

Object	Property Name	Property Value
L2 : L2 (Wire ID = 78835)	Name	L2

Object	Property Name	Property Value
L2 : L2 (Wire ID = 78842)	Name	L2

Object	Property Name	Property Value
R6 : R6 (Wire ID = 78865)	Name	R6

Object	Property Name	Property Value
L3 : L3 (Wire ID = 78876)	Name	L3

Object	Property Name	Property Value
P3 : P3 (Wire ID = 78880)	Name	P3

Object	Property Name	Property Value
L3 : L3 (Wire ID = 78884)	Name	L3

Object	Property Name	Property Value
L3 : L3 (Wire ID = 78888)	Name	L3

Object	Property Name	Property Value
L3 : L3 (Wire ID = 78892)	Name	L3

Object	Property Name	Property Value
LINK_TX : LINK_TX (Wire ID = 79107)	Name	LINK_TX

Object	Property Name	Property Value
LINK_TX : LINK_TX (Wire ID = 79116)	Name	LINK_TX

Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 79188)	Name	VSENS

Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 79190)	Name	VSENS

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 79243)	Name	VBUS

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 79245)	Name	VBUS

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 79335)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 79491)	Name	+3V3

Object	Property Name	Property Value
LINK_TX : LINK_TX (Wire ID = 79617)	Name	LINK_TX

Object	Property Name	Property Value
LINK_TX : LINK_TX (Wire ID = 79621)	Name	LINK_TX

Object	Property Name	Property Value
0 : 0 (Wire ID = 80065)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
LINK_RX : LINK_RX (Wire ID = 80331)	Name	LINK_RX

Object	Property Name	Property Value
LINK_RX : LINK_RX (Wire ID = 80351)	Name	LINK_RX

Object	Property Name	Property Value
LINK_RX : LINK_RX (Wire ID = 80355)	Name	LINK_RX

Object	Property Name	Property Value
LINK_RX : LINK_RX (Wire ID = 80359)	Name	LINK_RX

Object	Property Name	Property Value
TCLK/SWCLK : TCLK/SWCLK (Wire ID = 80378)	Name	TCLK/SWCLK

Object	Property Name	Property Value
TCLK/SWCLK : TCLK/SWCLK (Wire ID = 80382)	Name	TCLK/SWCLK

Object	Property Name	Property Value
TCLK/SWCLK : TCLK/SWCLK (Wire ID = 80386)	Name	TCLK/SWCLK

Object	Property Name	Property Value
TCLK/SWCLK : TCLK/SWCLK (Wire ID = 80390)	Name	TCLK/SWCLK

Object	Property Name	Property Value
TMS/SWDIO : TMS/SWDIO (Wire ID = 80413)	Name	TMS/SWDIO

Object	Property Name	Property Value
TMS/SWDIO : TMS/SWDIO (Wire ID = 80417)	Name	TMS/SWDIO

Object	Property Name	Property Value
TMS/SWDIO : TMS/SWDIO (Wire ID = 80419)	Name	TMS/SWDIO

Object	Property Name	Property Value
TMS/SWDIO : TMS/SWDIO (Wire ID = 80425)	Name	TMS/SWDIO

Object	Property Name	Property Value
TDO/SWO : TDO/SWO (Wire ID = 80448)	Name	TDO/SWO

Object	Property Name	Property Value
TDO/SWO : TDO/SWO (Wire ID = 80452)	Name	TDO/SWO

Object	Property Name	Property Value
TDO/SWO : TDO/SWO (Wire ID = 80456)	Name	TDO/SWO

Object	Property Name	Property Value
TDO/SWO : TDO/SWO (Wire ID = 80460)	Name	TDO/SWO

Object	Property Name	Property Value
0 : 0 (Wire ID = 80482)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 80486)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 81025)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
NRST : NRST (Wire ID = 81671)	Name	NRST

Object	Property Name	Property Value
TDI : TDI (Wire ID = 81684)	Name	TDI

Object	Property Name	Property Value
NRST : NRST (Wire ID = 81688)	Name	NRST

Object	Property Name	Property Value
NRST : NRST (Wire ID = 81692)	Name	NRST

Object	Property Name	Property Value
NRST : NRST (Wire ID = 81696)	Name	NRST

Object	Property Name	Property Value
TDI : TDI (Wire ID = 81708)	Name	TDI

Object	Property Name	Property Value
TDI : TDI (Wire ID = 81710)	Name	TDI

Object	Property Name	Property Value
TDI : TDI (Wire ID = 81714)	Name	TDI

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 137997)	Name	+3V3

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 138001)	Name	VBUS

Object	Property Name	Property Value
0 : 0 (Wire ID = 138025)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 138029)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 138033)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 138037)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 138041)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 138045)	Name	+3V3

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 138049)	Name	VBUS

Object	Property Name	Property Value
0 : 0 (Wire ID = 138125)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 138129)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 138133)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 141206)	Name	VBUS

Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 141210)	Name	VSENS

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 141214)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 141218)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 141222)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 141226)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 141230)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 141234)	Name	+3V3

Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 141238)	Name	+3V3

Object	Property Name	Property Value
0 : 0 (Wire ID = 141458)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 141462)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 141466)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 141470)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 141474)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 141478)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 141482)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 141486)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 141490)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 148327)	Name	VBUS

Object	Property Name	Property Value
DN : DN (Wire ID = 148355)	Name	DN

Object	Property Name	Property Value
SWDIO/PA13 : SWDIO/PA13 (Wire ID = 148361)	Name	SWDIO/PA13

Object	Property Name	Property Value
0 : 0 (Wire ID = 148367)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 148371)	NODENAME	GND
	Name	0

Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 148375)	Name	VBUS

Object	Property Name	Property Value
DP : DP (Wire ID = 148379)	Name	DP

Object	Property Name	Property Value
SWCLK/PA14 : SWCLK/PA14 (Wire ID = 148385)	Name	SWCLK/PA14

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
VSENS	Name	VSENS
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
VSENS	Name	VSENS
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
VBUS	Name	VBUS
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
VBUS	Name	VBUS
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GSENSE
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
VBUS	Name	VBUS
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
VSENS	Name	VSENS
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
VSENS	Name	VSENS
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
0	NODENAME	GSENSE
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
VSENS	Name	VSENS
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
VSENS	Name	VSENS
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
VSENS	Name	VSENS
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
VBUS	Name	VBUS
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
VBUS	Name	VBUS
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
VBUS	Name	VBUS
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
VSENS	Name	VSENS
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
VBUS	Name	VBUS
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_ARROW

Object	Property Name	Property Value
0	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
TitleBlock0 : TitleBlock0	Path Name	TitleBlock0
	Schematic Path	/
	ID	1
	Doc	0.1
	OrgAddr4	
	OrgAddr3	
	OrgAddr2	
	OrgAddr1	
	OrgName	
	Cage Code	
	RevCode	A
	Title	ST-Link V3
	Name	TitleBlock0
	Design Name	ST-LINKV3
	Design File Name	D:\PROJECTS\HARDWAREDESIGN\PCB_ST-LINK V3_1\ST-LINKV3.I
	Design Create Date	Saturday, July 20, 2024
	Design Modify Date	Tuesday, July 23, 2024
	Design Create Time	00:29:53
	Design Modify Time	14:20:37
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Saturday, July 20, 2024
	Schematic Modify Date	Tuesday, July 23, 2024
	Schematic Create Time	00:29:54
	Schematic Modify Time	14:20:22
	Schematic Page Count	0
	Schematic Page Number	0
	Page Size	A2
	Page Create Date	Saturday, July 20, 2024
	Page Modify Date	Tuesday, July 23, 2024
	Page Create Time	00:29:53
	Page Modify Time	14:20:37
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	TitleBlock0
	Page Name	MAIN
	Page Count	1
	Page Number	1

Object	Property Name	Property Value
INS51921 : R13	Name	INS51921
	ID	579
	Reference	R13
	Designator	
	Part Reference	R13
	Value	100
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R13/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N52750
	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	D15
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS20199 : R10	Name	INS20199
	ID	334
	Reference	R10
	Designator	
	Part Reference	R10
	Value	10K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

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

Object	Property Name	Property Value
INS16954 : J2	Name	INS16954
	ID	295
	Reference	J2
	Designator	A
	Part Reference	J2A
	Value	219320-0001
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	2193200001
	Height	9.05 mm
	Datasheet Link	https://www.molex.com/content/dam/molex/molex-dot-com/products/aut
	Description	Universal Serial Bus (USB) Shielded I/O Receptacle, Type C, Vertical, S
	Manufacturer_Part_Number	219320-0001
	Manufacturer_Name	Molex
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Molex/219320-0001?qs=rQFj7
	Mouser Part Number	538-219320-0001

Object	Property Name	Property Value
GND_1 : J2/GND_1	Name	GND_1
	Number	A1
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
VBUS_1 : J2/VBUS_1	Name	VBUS_1
	Number	A4
	Swap Id	-1
	Type	Passive
	Net Name	VBUS
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
CC1 : J2/CC1	Name	CC1
	Number	A5
	Swap Id	-1
	Type	Passive
	Net Name	R10
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
[DP1 : J2/[DP1	Name	[DP1
	Number	A6
	Swap Id	-1
	Type	Passive
	Net Name	DP
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
DN1 : J2/DN1	Name	DN1
	Number	A7
	Swap Id	-1
	Type	Passive
	Net Name	DN
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
SBU1 : J2/SBU1	Name	SBU1
	Number	A8
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
VBUS_2 : J2/VBUS_2	Name	VBUS_2
	Number	A9
	Swap Id	-1
	Type	Passive
	Net Name	VBUS
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
GND_2 : J2/GND_2	Name	GND_2
	Number	A12
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
GND_3 : J2/GND_3	Name	GND_3
	Number	B1
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
VBUS_3 : J2/VBUS_3	Name	VBUS_3
	Number	B4
	Swap Id	-1
	Type	Passive
	Net Name	VBUS
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
CC2 : J2/CC2	Name	CC2
	Number	B5
	Swap Id	-1
	Type	Passive
	Net Name	R9
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
DP2 : J2/DP2	Name	DP2
	Number	B6
	Swap Id	-1
	Type	Passive
	Net Name	DP
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
DN2 : J2/DN2	Name	DN2
	Number	B7
	Swap Id	-1
	Type	Passive
	Net Name	DN
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
SBU2 : J2/SBU2	Name	SBU2
	Number	B8
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	13
	Is No Connect	True

Object	Property Name	Property Value
VBUS_4 : J2/VBUS_4	Name	VBUS_4
	Number	B9
	Swap Id	-1
	Type	Passive
	Net Name	VBUS
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
GND_4 : J2/GND_4	Name	GND_4
	Number	B12
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
MH3 : J2/MH3	Name	MH3
	Number	MH3
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	16
	Is No Connect	False

Object	Property Name	Property Value
MH4 : J2/MH4	Name	MH4
	Number	MH4
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	17
	Is No Connect	False

Object	Property Name	Property Value
MH5 : J2/MH5	Name	MH5
	Number	MH5
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	18
	Is No Connect	False

Object	Property Name	Property Value
MH6 : J2/MH6	Name	MH6
	Number	MH6
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	19
	Is No Connect	False

Object	Property Name	Property Value
INS24194 : C5	Name	INS24194
	ID	371
	Reference	C5
	Designator	
	Part Reference	C5
	Value	2.2uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D7
	Manufacturer_Name	Murata Electronics
	Manufacturer_Part_Number	GRM033D70E105ME15D
	Description	Capacitor GRM03_0.09 L=0.6mm W=0.3mm T=0.3mm
	Datasheet Link	http://www.murata.com/~/media/webrenewal/support/library/catalog/pro
	Height	0.33 mm

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

Object	Property Name	Property Value
INS78948 : D2	Name	INS78948
	ID	781
	Reference	D2
	Designator	
	Part Reference	D2
	Value	SMF05C.TCT
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SOT65P210X110-6N
	Height	1.1 mm
	Datasheet Link	https://www.mouser.co.uk/datasheet/2/761/smf05c-1278099.pdf
	Description	Semtech SMF05C.TCT, Quint-Element Uni-Directional TVS Diode, 100
	Manufacturer_Part_Number	SMF05C.TCT
	Manufacturer_Name	SEMTECH
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Semtech/SMF05C.TCT?qs=rB
	Mouser Part Number	947-SMF05C.TCT

Object	Property Name	Property Value
CATHODE_1 : D2/CATHODE_1	Name	CATHODE_1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VSENS
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
CATHODE_2 : D2/CATHODE_2	Name	CATHODE_2
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	LINK_RX
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
CATHODE_5 : D2/CATHODE_5	Name	CATHODE_5
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	VBUS
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
CATHODE_4 : D2/CATHODE_4	Name	CATHODE_4
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	LINK_TX
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
CATHODE_3 : D2/CATHODE_3	Name	CATHODE_3
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
INS66942 : J3	Name	INS66942
	ID	634
	Reference	J3
	Designator	
	Part Reference	J3
	Value	08-0625-70
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	HDRV8W51P0X254_1X8_2032X254X816P
	Height	8.16 mm
	Datasheet Link	https://www.mouser.in/datasheet/2/35/12036-pin-line-header-1224908.p
	Description	CONN HDR STRIP POST 8POS TIN
	Manufacturer_Part_Number	08-0625-70
	Manufacturer_Name	ARIES
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Aries-Electronics/08-0625-70?c
	Mouser Part Number	535-08-0625-70

Object	Property Name	Property Value
1 : J3/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	0
	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	VBUS
	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	+3V3
	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	NRST
	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	TCLK/SWCLK
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6 : J3/6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	TMS/SWDIO
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
7 : J3/7	Name	7
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	LINK_TX
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
8 : J3/8	Name	8
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	LINK_RX
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
INS141240 : C8	Name	INS141240
	ID	843
	Reference	C8
	Designator	
	Part Reference	C8
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D7
	Manufacturer_Name	Murata Electronics
	Manufacturer_Part_Number	GRM033D70E105ME15D
	Description	Capacitor GRM03_0.09 L=0.6mm W=0.3mm T=0.3mm
	Datasheet Link	http://www.murata.com/~/media/webrenewal/support/library/catalog/proc
	Height	0.33 mm

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

Object	Property Name	Property Value
INS77865 : R16	Name	INS77865
	ID	749
	Reference	R16
	Designator	
	Part Reference	R16
	Value	100
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARE
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R16/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	L2
	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	TMS/SWDIO
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS51855 : LED2	Name	INS51855
	ID	576
	Reference	LED2
	Designator	
	Part Reference	LED2
	Value	SM0603SRC
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM0603SRC
	Height	0.8 mm
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/SM0603SRC.pdf
	Description	Standard LEDs - SMD Super Red 660nm Water Clear SURFACE MOU
	Manufacturer_Part_Number	SM0603SRC
	Manufacturer_Name	Bivar
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Bivar/SM0603SRC?qs=EYSZfI
	Mouser Part Number	749-SM0603SRC

Object	Property Name	Property Value
K : LED2/K	Name	K
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N52044
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
A : LED2/A	Name	A
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS141360 : C13	Name	INS141360
	ID	840
	Reference	C13
	Designator	
	Part Reference	C13
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D7
	Manufacturer_Name	Murata Electronics
	Manufacturer_Part_Number	GRM033D70E105ME15D
	Description	Capacitor GRM03_0.09 L=0.6mm W=0.3mm T=0.3mm
	Datasheet Link	http://www.murata.com/~/media/webrenewal/support/library/catalog/proc
	Height	0.33 mm

Object	Property Name	Property Value
1 : C13/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C13/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS51142 : R5	Name	INS51142
	ID	569
	Reference	R5
	Designator	
	Part Reference	R5
	Value	100
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

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

Object	Property Name	Property Value
INS4120 : R2	Name	INS4120
	ID	223
	Reference	R2
	Designator	
	Part Reference	R2
	Value	4.7K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R2/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VSENS
	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	PA0
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS4897 : S1	Name	INS4897
	ID	231
	Reference	S1
	Designator	A
	Part Reference	S1A
	Value	PCM12SMTR
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	PCM12SMTR
	Mouser Part Number	611-PCM12SMTR
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/CK/PCM12SMTR?qs=mfFuHy
	Manufacturer_Name	C & K COMPONENTS
	Manufacturer_Part_Number	PCM12SMTR
	Description	Slide Switches 0.3A SPDT ON-ON
	Datasheet Link	https://www.ckswitches.com/media/1424/pcm.pdf
	Height	1.4 mm

Object	Property Name	Property Value
NC : S1/NC	Name	NC
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	0
	Is No Connect	True

Object	Property Name	Property Value
COM : S1/COM	Name	COM
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VSENS
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
NO : S1/NO	Name	NO
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
MP1 : S1/MP1	Name	MP1
	Number	MP1
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
MP2 : S1/MP2	Name	MP2
	Number	MP2
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
MP3 : S1/MP3	Name	MP3
	Number	MP3
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
MP4 : S1/MP4	Name	MP4
	Number	MP4
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	6
	Is No Connect	True

Object	Property Name	Property Value
INS39464 : Y1	Name	INS39464
	ID	482
	Reference	Y1
	Designator	
	Part Reference	Y1
	Value	ASE-25.000MHZ-LC-T
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ASE24576MHZLCT
	Height	1.2 mm
	Datasheet Link	https://abracon.com/Oscillators/ASEseries.pdf
	Description	ASE-25.000MHZ-LC-T Crystal Oscillator, 25 MHz, +/-50ppm CMOS 15p
	Manufacturer_Part_Number	ASE-25.000MHZ-LC-T
	Manufacturer_Name	ABRACON
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/ABRACON/ASE-25.000MHZ-L
	Mouser Part Number	815-ASE25.000MHZLCT

Object	Property Name	Property Value
TRI-STATE_(STBY) : Y1/TRI-STATE_(STBY)	Name	TRI-STATE_(STBY)
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
GND/CASE : Y1/GND/CASE	Name	GND/CASE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
OUTPUT : Y1/OUTPUT	Name	OUTPUT
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	N39518
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
VDD : Y1/VDD	Name	VDD
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
INS138099 : C4	Name	INS138099
	ID	817
	Reference	C4
	Designator	
	Part Reference	C4
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D7
	Manufacturer_Name	Murata Electronics
	Manufacturer_Part_Number	GRM033D70E105ME15D
	Description	Capacitor GRM03_0.09 L=0.6mm W=0.3mm T=0.3mm
	Datasheet Link	http://www.murata.com/~/media/webrenewal/support/library/catalog/proc
	Height	0.33 mm

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

Object	Property Name	Property Value
INS141312 : C11	Name	INS141312
	ID	849
	Reference	C11
	Designator	
	Part Reference	C11
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D7
	Manufacturer_Name	Murata Electronics
	Manufacturer_Part_Number	GRM033D70E105ME15D
	Description	Capacitor GRM03_0.09 L=0.6mm W=0.3mm T=0.3mm
	Datasheet Link	http://www.murata.com/~/media/webrenewal/support/library/catalog/proc
	Height	0.33 mm

Object	Property Name	Property Value
1 : C11/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C11/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS148329 : D1	Name	INS148329
	ID	869
	Reference	D1
	Designator	
	Part Reference	D1
	Value	SRV05-4ATCT
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SOT95P280X145-6N
	Height	1.45 mm
	Datasheet Link	
	Description	ESD Suppressors / TVS Diodes 4-LINE 5V 5PF 12A
	Manufacturer_Part_Number	SRV05-4ATCT
	Manufacturer_Name	SEMTECH
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Semtech/SRV05-4ATCT?qs=rE
	Mouser Part Number	947-SRV05-4ATCT

Object	Property Name	Property Value
I/O1 : D1/I/O1	Name	I/O1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	DN
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
I/O3 : D1/I/O3	Name	I/O3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	DP
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
I/O2 : D1/I/O2	Name	I/O2
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	SWDIO/PA13
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
VCC : D1/VCC	Name	VCC
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	VBUS
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
I/O4 : D1/I/O4	Name	I/O4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	SWCLK/PA14
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
INS7829 : R6	Name	INS7829
	ID	262
	Reference	R6
	Designator	
	Part Reference	R6
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R6/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R6/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	J1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS5785 : J1	Name	INS5785
	ID	241
	Reference	J1
	Designator	
	Part Reference	J1
	Value	280372-1
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SHDR6W63P0X254_1X6_1780X500X1280P
	Mouser Part Number	571-280372-1
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/TE-Connectivity/280372-1?qs=
	Manufacturer_Name	TE Connectivity
	Manufacturer_Part_Number	280372-1
	Description	Body Features: Primary Product Color Black | Connector Profile Standa
	Datasheet Link	http://www.te.com/commerce/DocumentDelivery/DDEController?Action=
	Height	12.8 mm

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	SWDIO/PA13
	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	J1
	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	SWCLK/PA14
	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	0
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6 : J1/6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
INS51961 : R15	Name	INS51961
	ID	582
	Reference	R15
	Designator	
	Part Reference	R15
	Value	100
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R15/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N52044
	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	D15
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS67096 : J5	Name	INS67096
	ID	650
	Reference	J5
	Designator	
	Part Reference	J5
	Value	95278-401A10LF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	95278401A10LF
	Height	10 mm
	Datasheet Link	https://cdn.amphenol-cs.com/media/wysiwyg/files/drawing/95278.pdf
	Description	BergStik, Board to Board connector, Unshrouded Header, SMT, Double
	Manufacturer_Part_Number	95278-401A10LF
	Manufacturer_Name	Amphenol Communications Solutions
	Mouser Price/Stock	
	Mouser Part Number	

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

Object	Property Name	Property Value
3 : J5/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4 : J5/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	TCLK/SWCLK
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : J5/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6 : J5/6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	TDO/SWO
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
7 : J5/7	Name	7
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	6
	Is No Connect	True

Object	Property Name	Property Value
8 : J5/8	Name	8
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	TDI
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
9 : J5/9	Name	9
	Number	9
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
10 : J5/10	Name	10
	Number	10
	Swap Id	-1
	Type	Passive
	Net Name	NRST
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
INS77903 : R17	Name	INS77903
	ID	752
	Reference	R17
	Designator	
	Part Reference	R17
	Value	100
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R17/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	R6
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R17/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TDO/SWO
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS141432 : C16	Name	INS141432
	ID	852
	Reference	C16
	Designator	
	Part Reference	C16
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D7
	Manufacturer_Name	Murata Electronics
	Manufacturer_Part_Number	GRM033D70E105ME15D
	Description	Capacitor GRM03_0.09 L=0.6mm W=0.3mm T=0.3mm
	Datasheet Link	http://www.murata.com/~/media/webrenewal/support/library/catalog/proc
	Height	0.33 mm

Object	Property Name	Property Value
1 : C16/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C16/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS78091 : R4	Name	INS78091
	ID	764
	Reference	R4
	Designator	
	Part Reference	R4
	Value	100K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R4/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VSENS
	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	R2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS4158 : R3	Name	INS4158
	ID	226
	Reference	R3
	Designator	
	Part Reference	R3
	Value	4.7K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R3/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	PA0
	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	0
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS25187 : C7	Name	INS25187
	ID	381
	Reference	C7
	Designator	
	Part Reference	C7
	Value	2.2uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D7
	Manufacturer_Name	Murata Electronics
	Manufacturer_Part_Number	GRM033D70E105ME15D
	Description	Capacitor GRM03_0.09 L=0.6mm W=0.3mm T=0.3mm
	Datasheet Link	http://www.murata.com/~/media/webrenewal/support/library/catalog/proc
	Height	0.33 mm

Object	Property Name	Property Value
1 : C7/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	0
	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	F13
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS39484 : R30	Name	INS39484
	ID	479
	Reference	R30
	Designator	
	Part Reference	R30
	Value	100
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R30/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N39518
	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	R4
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS47100 : R12	Name	INS47100
	ID	546
	Reference	R12
	Designator	
	Part Reference	R12
	Value	3K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R12/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	J15
	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	0
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS67020 : J4	Name	INS67020
	ID	643
	Reference	J4
	Designator	
	Part Reference	J4
	Value	280372-1
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SHDR6W63P0X254_1X6_1780X500X1280P
	Mouser Part Number	571-280372-1
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/TE-Connectivity/280372-1?qs=
	Manufacturer_Name	TE Connectivity
	Manufacturer_Part_Number	280372-1
	Description	Body Features: Primary Product Color Black | Connector Profile Standa
	Datasheet Link	http://www.te.com/commerce/DocumentDelivery/DDEController?Action=
	Height	12.8 mm

Object	Property Name	Property Value
1 : J4/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VSENS
	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	TMS/SWDIO
	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	NRST
	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	TCLK/SWCLK
	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	0
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6 : J4/6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	TDO/SWO
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
INS77751 : R7	Name	INS77751
	ID	740
	Reference	R7
	Designator	
	Part Reference	R7
	Value	100
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R7/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	R2
	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	LINK_TX
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS138051 : C2	Name	INS138051
	ID	811
	Reference	C2
	Designator	
	Part Reference	C2
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D7
	Manufacturer_Name	Murata Electronics
	Manufacturer_Part_Number	GRM033D70E105ME15D
	Description	Capacitor GRM03_0.09 L=0.6mm W=0.3mm T=0.3mm
	Datasheet Link	http://www.murata.com/~/media/webrenewal/support/library/catalog/proc
	Height	0.33 mm

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

Object	Property Name	Property Value
INS78972 : D3	Name	INS78972
	ID	788
	Reference	D3
	Designator	
	Part Reference	D3
	Value	SMF05C.TCT
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SOT65P210X110-6N
	Height	1.1 mm
	Datasheet Link	https://www.mouser.co.uk/datasheet/2/761/smf05c-1278099.pdf
	Description	Semtech SMF05C.TCT, Quint-Element Uni-Directional TVS Diode, 100
	Manufacturer_Part_Number	SMF05C.TCT
	Manufacturer_Name	SEMTECH
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Semtech/SMF05C.TCT?qs=rB
	Mouser Part Number	947-SMF05C.TCT

Object	Property Name	Property Value
CATHODE_1 : D3/CATHODE_1	Name	CATHODE_1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	NRST
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
CATHODE_2 : D3/CATHODE_2	Name	CATHODE_2
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	TDI
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
CATHODE_5 : D3/CATHODE_5	Name	CATHODE_5
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	TCLK/SWCLK
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
CATHODE_4 : D3/CATHODE_4	Name	CATHODE_4
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	TMS/SWDIO
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
CATHODE_3 : D3/CATHODE_3	Name	CATHODE_3
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	TDO/SWO
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
INS141264 : C9	Name	INS141264
	ID	834
	Reference	C9
	Designator	
	Part Reference	C9
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D7
	Manufacturer_Name	Murata Electronics
	Manufacturer_Part_Number	GRM033D70E105ME15D
	Description	Capacitor GRM03_0.09 L=0.6mm W=0.3mm T=0.3mm
	Datasheet Link	http://www.murata.com/~/media/webrenewal/support/library/catalog/proc
	Height	0.33 mm

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

Object	Property Name	Property Value
INS24645 : C6	Name	INS24645
	ID	376
	Reference	C6
	Designator	
	Part Reference	C6
	Value	2.2uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D7
	Manufacturer_Name	Murata Electronics
	Manufacturer_Part_Number	GRM033D70E105ME15D
	Description	Capacitor GRM03_0.09 L=0.6mm W=0.3mm T=0.3mm
	Datasheet Link	http://www.murata.com/~/media/webrenewal/support/library/catalog/proc
	Height	0.33 mm

Object	Property Name	Property Value
1 : C6/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	0
	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	M10
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS141384 : C14	Name	INS141384
	ID	846
	Reference	C14
	Designator	
	Part Reference	C14
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D7
	Manufacturer_Name	Murata Electronics
	Manufacturer_Part_Number	GRM033D70E105ME15D
	Description	Capacitor GRM03_0.09 L=0.6mm W=0.3mm T=0.3mm
	Datasheet Link	http://www.murata.com/~/media/webrenewal/support/library/catalog/proc
	Height	0.33 mm

Object	Property Name	Property Value
1 : C14/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C14/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS77941 : R18	Name	INS77941
	ID	755
	Reference	R18
	Designator	
	Part Reference	R18
	Value	100
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R18/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	L3
	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	TDI
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS48072 : R11	Name	INS48072
	ID	556
	Reference	R11
	Designator	
	Part Reference	R11
	Value	10K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R11/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	L4
	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	0
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS3702 : R1	Name	INS3702
	ID	216
	Reference	R1
	Designator	
	Part Reference	R1
	Value	4.7K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R1/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	PB1
	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	+3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS138003 : IC2	Name	INS138003
	ID	820
	Reference	IC2
	Designator	
	Part Reference	IC2
	Value	LM1117MPX-33NOPB
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SOT230P700X180-4N
	Height	1.8 mm
	Datasheet Link	https://www.arrow.com/en/products/lm1117mpx-33nopb/on-semiconduc
	Description	LDO Voltage Regulators 800-mA 15-V linear voltage regulator 800-mA 1
	Manufacturer_Part_Number	LM1117MPX-33NOPB
	Manufacturer_Name	onsemi
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/onsemi/LM1117MPX-33NOPB
	Mouser Part Number	863-LM1117MPX-33NOPB

Object	Property Name	Property Value
GROUND : IC2/GROUND	Name	GROUND
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
OUTPUT_1 : IC2/OUTPUT_1	Name	OUTPUT_1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INPUT : IC2/INPUT	Name	INPUT
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	VBUS
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
OUTPUT_2 : IC2/OUTPUT_2	Name	OUTPUT_2
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
INS77789 : R8	Name	INS77789
	ID	743
	Reference	R8
	Designator	
	Part Reference	R8
	Value	100
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARE
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R8/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	C10
	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	LINK_RX
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS141336 : C12	Name	INS141336
	ID	858
	Reference	C12
	Designator	
	Part Reference	C12
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D7
	Manufacturer_Name	Murata Electronics
	Manufacturer_Part_Number	GRM033D70E105ME15D
	Description	Capacitor GRM03_0.09 L=0.6mm W=0.3mm T=0.3mm
	Datasheet Link	http://www.murata.com/~/media/webrenewal/support/library/catalog/proc
	Height	0.33 mm

Object	Property Name	Property Value
1 : C12/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C12/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS8023 : C1	Name	INS8023
	ID	265
	Reference	C1
	Designator	
	Part Reference	C1
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D7
	Manufacturer_Name	Murata Electronics
	Manufacturer_Part_Number	GRM033D70E105ME15D
	Description	Capacitor GRM03_0.09 L=0.6mm W=0.3mm T=0.3mm
	Datasheet Link	http://www.murata.com/~/media/webrenewal/support/library/catalog/proc
	Height	0.33 mm

Object	Property Name	Property Value
1 : C1/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	0
	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	J1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS77979 : R19	Name	INS77979
	ID	758
	Reference	R19
	Designator	
	Part Reference	R19
	Value	100
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARE
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R19/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	P3
	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	NRST
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS138075 : C3	Name	INS138075
	ID	814
	Reference	C3
	Designator	
	Part Reference	C3
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D7
	Manufacturer_Name	Murata Electronics
	Manufacturer_Part_Number	GRM033D70E105ME15D
	Description	Capacitor GRM03_0.09 L=0.6mm W=0.3mm T=0.3mm
	Datasheet Link	http://www.murata.com/~/media/webrenewal/support/library/catalog/proc
	Height	0.33 mm

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

Object	Property Name	Property Value
INS76818 : IC3	Name	INS76818
	ID	708
	Reference	IC3
	Designator	
	Part Reference	IC3
	Value	SN74LVC8T245PWR
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SOP65P640X120-24N
	Height	1.2 mm
	Datasheet Link	http://www.ti.com/lit/gpn/sn74lvc8t245
	Description	8-Bit Dual-Supply Bus Transceiver with Configurable Voltage-Level Shif
	Manufacturer_Part_Number	SN74LVC8T245PWR
	Manufacturer_Name	Texas Instruments
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Texas-Instruments/SN74LVC8
	Mouser Part Number	595-SN74LVC8T245PWR

Object	Property Name	Property Value
VCCA : IC3/VCCA	Name	VCCA
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
DIR : IC3/DIR	Name	DIR
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
A1 : IC3/A1	Name	A1
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	A7
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
A2 : IC3/A2	Name	A2
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	N12
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
A3 : IC3/A3	Name	A3
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	D12
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
A4 : IC3/A4	Name	A4
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
A5 : IC3/A5	Name	A5
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
A6 : IC3/A6	Name	A6
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
A7 : IC3/A7	Name	A7
	Number	9
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
A8 : IC3/A8	Name	A8
	Number	10
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
GND_1 : IC3/GND_1	Name	GND_1
	Number	11
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
GND_2 : IC3/GND_2	Name	GND_2
	Number	12
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
VCCB_2 : IC3/VCCB_2	Name	VCCB_2
	Number	24
	Swap Id	-1
	Type	Passive
	Net Name	VSENS
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
VCCB_1 : IC3/VCCB_1	Name	VCCB_1
	Number	23
	Swap Id	-1
	Type	Passive
	Net Name	VSENS
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
O\E\ : IC3/O\E\	Name	O\E\
	Number	22
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
B1 : IC3/B1	Name	B1
	Number	21
	Swap Id	-1
	Type	Passive
	Net Name	R2
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
B2 : IC3/B2	Name	B2
	Number	20
	Swap Id	-1
	Type	Passive
	Net Name	L2
	Order	16
	Is No Connect	False

Object	Property Name	Property Value
B3 : IC3/B3	Name	B3
	Number	19
	Swap Id	-1
	Type	Passive
	Net Name	R6
	Order	17
	Is No Connect	False

Object	Property Name	Property Value
B4 : IC3/B4	Name	B4
	Number	18
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	18
	Is No Connect	True

Object	Property Name	Property Value
B5 : IC3/B5	Name	B5
	Number	17
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	19
	Is No Connect	True

Object	Property Name	Property Value
B6 : IC3/B6	Name	B6
	Number	16
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	20
	Is No Connect	True

Object	Property Name	Property Value
B7 : IC3/B7	Name	B7
	Number	15
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	21
	Is No Connect	True

Object	Property Name	Property Value
B8 : IC3/B8	Name	B8
	Number	14
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	22
	Is No Connect	True

Object	Property Name	Property Value
GND_3 : IC3/GND_3	Name	GND_3
	Number	13
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	23
	Is No Connect	False

Object	Property Name	Property Value
INS18871 : R9	Name	INS18871
	ID	328
	Reference	R9
	Designator	
	Part Reference	R9
	Value	10K
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

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

Object	Property Name	Property Value
INS77827 : R14	Name	INS77827
	ID	746
	Reference	R14
	Designator	
	Part Reference	R14
	Value	100
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	ERA6AEB1020V
	Mouser Part Number	667-ERA-6ARB472V
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ERA-6ARB
	Manufacturer_Name	Panasonic
	Manufacturer_Part_Number	ERA-6ARB472V
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB472V.pdf
	Height	0.6 mm

Object	Property Name	Property Value
1 : R14/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	M11
	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	TCLK/SWCLK
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS141288 : C10	Name	INS141288
	ID	855
	Reference	C10
	Designator	
	Part Reference	C10
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D7
	Manufacturer_Name	Murata Electronics
	Manufacturer_Part_Number	GRM033D70E105ME15D
	Description	Capacitor GRM03_0.09 L=0.6mm W=0.3mm T=0.3mm
	Datasheet Link	http://www.murata.com/~/media/webrenewal/support/library/catalog/proc
	Height	0.33 mm

Object	Property Name	Property Value
1 : C10/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	0
	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	+3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS51818 : LED1	Name	INS51818
	ID	573
	Reference	LED1
	Designator	
	Part Reference	LED1
	Value	SM0603GCL
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	LEDC1608X60N
	Height	0.6 mm
	Datasheet Link	https://www.mouser.ca/datasheet/2/50/SM0603GCL-3002107.pdf
	Description	LED Uni-Color Green 575nm 2-Pin Chip 0603(1608Metric) T/R
	Manufacturer_Part_Number	SM0603GCL
	Manufacturer_Name	Bivar
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Bivar/SM0603GCL?qs=jaLxTF
	Mouser Part Number	749-SM0603GCL

Object	Property Name	Property Value
K : LED1/K	Name	K
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
A : LED1/A	Name	A
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N52750
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS424 : IC1	Name	INS424
	ID	2
	Reference	IC1
	Designator	A
	Part Reference	IC1A
	Value	STM32F723IEK6
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	BGA201C65P15X15_1000X1000X60
	Mouser Part Number	511-STM32F723IEK6
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/STMicroelectronics/STM32F72
	Manufacturer_Name	STMicroelectronics
	Manufacturer_Part_Number	STM32F723IEK6
	Description	STMicroelectronics STM32F723IEK6, 32bit ARM Cortex M7 Microcontr
	Datasheet Link	
	Height	0.6 mm

Object	Property Name	Property Value
PE3 : IC1/PE3	Name	PE3
	Number	A1
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	0
	Is No Connect	True

Object	Property Name	Property Value
PE2 : IC1/PE2	Name	PE2
	Number	A2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	1
	Is No Connect	True

Object	Property Name	Property Value
PE1 : IC1/PE1	Name	PE1
	Number	A3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	2
	Is No Connect	True

Object	Property Name	Property Value
PE0 : IC1/PE0	Name	PE0
	Number	A4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
PB8 : IC1/PB8	Name	PB8
	Number	A5
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
PB5 : IC1/PB5	Name	PB5
	Number	A6
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
PG14 : IC1/PG14	Name	PG14
	Number	A7
	Swap Id	-1
	Type	Passive
	Net Name	A7
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
PG13 : IC1/PG13	Name	PG13
	Number	A8
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	7
	Is No Connect	True

Object	Property Name	Property Value
PB4 : IC1/PB4	Name	PB4
	Number	A9
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	8
	Is No Connect	True

Object	Property Name	Property Value
PB3 : IC1/PB3	Name	PB3
	Number	A10
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	9
	Is No Connect	True

Object	Property Name	Property Value
PD7 : IC1/PD7	Name	PD7
	Number	A11
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	10
	Is No Connect	True

Object	Property Name	Property Value
PC12 : IC1/PC12	Name	PC12
	Number	A12
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	11
	Is No Connect	True

Object	Property Name	Property Value
PA15 : IC1/PA15	Name	PA15
	Number	A13
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	12
	Is No Connect	True

Object	Property Name	Property Value
PA14 : IC1/PA14	Name	PA14
	Number	A14
	Swap Id	-1
	Type	Passive
	Net Name	SWCLK/PA14
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
PA13 : IC1/PA13	Name	PA13
	Number	A15
	Swap Id	-1
	Type	Passive
	Net Name	SWDIO/PA13
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
PE4 : IC1/PE4	Name	PE4
	Number	B1
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	15
	Is No Connect	True

Object	Property Name	Property Value
PE5 : IC1/PE5	Name	PE5
	Number	B2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	16
	Is No Connect	True

Object	Property Name	Property Value
PE6 : IC1/PE6	Name	PE6
	Number	B3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	17
	Is No Connect	True

Object	Property Name	Property Value
PB9 : IC1/PB9	Name	PB9
	Number	B4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	18
	Is No Connect	True

Object	Property Name	Property Value
PB7 : IC1/PB7	Name	PB7
	Number	B5
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	19
	Is No Connect	True

Object	Property Name	Property Value
PB6 : IC1/PB6	Name	PB6
	Number	B6
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	20
	Is No Connect	True

Object	Property Name	Property Value
PG15 : IC1/PG15	Name	PG15
	Number	B7
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	21
	Is No Connect	True

Object	Property Name	Property Value
PG12 : IC1/PG12	Name	PG12
	Number	B8
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	22
	Is No Connect	True

Object	Property Name	Property Value
PG11 : IC1/PG11	Name	PG11
	Number	B9
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	23
	Is No Connect	True

Object	Property Name	Property Value
PG10 : IC1/PG10	Name	PG10
	Number	B10
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	24
	Is No Connect	True

Object	Property Name	Property Value
PD6 : IC1/PD6	Name	PD6
	Number	B11
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	25
	Is No Connect	True

Object	Property Name	Property Value
PD0 : IC1/PD0	Name	PD0
	Number	B12
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	26
	Is No Connect	True

Object	Property Name	Property Value
PC11 : IC1/PC11	Name	PC11
	Number	B13
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	27
	Is No Connect	True

Object	Property Name	Property Value
PC10 : IC1/PC10	Name	PC10
	Number	B14
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	28
	Is No Connect	True

Object	Property Name	Property Value
PA12 : IC1/PA12	Name	PA12
	Number	B15
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	29
	Is No Connect	True

Object	Property Name	Property Value
VBAT : IC1/VBAT	Name	VBAT
	Number	C1
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	30
	Is No Connect	False

Object	Property Name	Property Value
PI7 : IC1/PI7	Name	PI7
	Number	C2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	31
	Is No Connect	True

Object	Property Name	Property Value
PI6 : IC1/PI6	Name	PI6
	Number	C3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	32
	Is No Connect	True

Object	Property Name	Property Value
PI5 : IC1/PI5	Name	PI5
	Number	C4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	33
	Is No Connect	True

Object	Property Name	Property Value
VDD_1 : IC1/VDD_1	Name	VDD_1
	Number	C5
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	34
	Is No Connect	False

Object	Property Name	Property Value
PDR_ON : IC1/PDR_ON	Name	PDR_ON
	Number	C6
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	35
	Is No Connect	False

Object	Property Name	Property Value
VDD_2 : IC1/VDD_2	Name	VDD_2
	Number	C7
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	36
	Is No Connect	False

Object	Property Name	Property Value
VDD_SDMMC : IC1/VDD_SDMMC	Name	VDD_SDMMC
	Number	C8
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	37
	Is No Connect	False

Object	Property Name	Property Value
VDD_3 : IC1/VDD_3	Name	VDD_3
	Number	C9
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	38
	Is No Connect	False

Object	Property Name	Property Value
PG9 : IC1/PG9	Name	PG9
	Number	C10
	Swap Id	-1
	Type	Passive
	Net Name	C10
	Order	39
	Is No Connect	False

Object	Property Name	Property Value
PD5 : IC1/PD5	Name	PD5
	Number	C11
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	40
	Is No Connect	True

Object	Property Name	Property Value
PD1 : IC1/PD1	Name	PD1
	Number	C12
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	41
	Is No Connect	True

Object	Property Name	Property Value
PI3 : IC1/PI3	Name	PI3
	Number	C13
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	42
	Is No Connect	True

Object	Property Name	Property Value
PI2 : IC1/PI2	Name	PI2
	Number	C14
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	43
	Is No Connect	True

Object	Property Name	Property Value
PA11 : IC1/PA11	Name	PA11
	Number	C15
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	44
	Is No Connect	True

Object	Property Name	Property Value
PC13 : IC1/PC13	Name	PC13
	Number	D1
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	45
	Is No Connect	True

Object	Property Name	Property Value
PI8 : IC1/PI8	Name	PI8
	Number	D2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	46
	Is No Connect	True

Object	Property Name	Property Value
PI9 : IC1/PI9	Name	PI9
	Number	D3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	47
	Is No Connect	True

Object	Property Name	Property Value
PI4 : IC1/PI4	Name	PI4
	Number	D4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	48
	Is No Connect	True

Object	Property Name	Property Value
VSS_1 : IC1/VSS_1	Name	VSS_1
	Number	D5
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	49
	Is No Connect	False

Object	Property Name	Property Value
BOOT0 : IC1/BOOT0	Name	BOOT0
	Number	D6
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	50
	Is No Connect	True

Object	Property Name	Property Value
VSS_2 : IC1/VSS_2	Name	VSS_2
	Number	D7
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	51
	Is No Connect	False

Object	Property Name	Property Value
VSS_3 : IC1/VSS_3	Name	VSS_3
	Number	D8
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	52
	Is No Connect	False

Object	Property Name	Property Value
VSS_4 : IC1/VSS_4	Name	VSS_4
	Number	D9
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	53
	Is No Connect	True

Object	Property Name	Property Value
PD4 : IC1/PD4	Name	PD4
	Number	D10
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	54
	Is No Connect	True

Object	Property Name	Property Value
PD3 : IC1/PD3	Name	PD3
	Number	D11
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	55
	Is No Connect	True

Object	Property Name	Property Value
PD2 : IC1/PD2	Name	PD2
	Number	D12
	Swap Id	-1
	Type	Passive
	Net Name	D12
	Order	56
	Is No Connect	False

Object	Property Name	Property Value
PH15 : IC1/PH15	Name	PH15
	Number	D13
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	57
	Is No Connect	True

Object	Property Name	Property Value
PI1 : IC1/PI1	Name	PI1
	Number	D14
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	58
	Is No Connect	True

Object	Property Name	Property Value
PA10 : IC1/PA10	Name	PA10
	Number	D15
	Swap Id	-1
	Type	Passive
	Net Name	D15
	Order	59
	Is No Connect	False

Object	Property Name	Property Value
PC14 : IC1/PC14	Name	PC14
	Number	E1
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	60
	Is No Connect	True

Object	Property Name	Property Value
PF0 : IC1/PF0	Name	PF0
	Number	E2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	61
	Is No Connect	True

Object	Property Name	Property Value
PI10 : IC1/PI10	Name	PI10
	Number	E3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	62
	Is No Connect	True

Object	Property Name	Property Value
PI11 : IC1/PI11	Name	PI11
	Number	E4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	63
	Is No Connect	True

Object	Property Name	Property Value
PH13 : IC1/PH13	Name	PH13
	Number	E12
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	64
	Is No Connect	True

Object	Property Name	Property Value
PH14 : IC1/PH14	Name	PH14
	Number	E13
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	65
	Is No Connect	True

Object	Property Name	Property Value
PI0 : IC1/PI0	Name	PI0
	Number	E14
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	66
	Is No Connect	True

Object	Property Name	Property Value
PA9 : IC1/PA9	Name	PA9
	Number	E15
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	67
	Is No Connect	True

Object	Property Name	Property Value
PC15 : IC1/PC15	Name	PC15
	Number	F1
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	68
	Is No Connect	True

Object	Property Name	Property Value
VSS_5 : IC1/VSS_5	Name	VSS_5
	Number	F2
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	69
	Is No Connect	False

Object	Property Name	Property Value
VDD_4 : IC1/VDD_4	Name	VDD_4
	Number	F3
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	70
	Is No Connect	False

Object	Property Name	Property Value
PH2 : IC1/PH2	Name	PH2
	Number	F4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	71
	Is No Connect	True

Object	Property Name	Property Value
VSS_6 : IC1/VSS_6	Name	VSS_6
	Number	F6
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	72
	Is No Connect	False

Object	Property Name	Property Value
VSS_7 : IC1/VSS_7	Name	VSS_7
	Number	F7
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	73
	Is No Connect	False

Object	Property Name	Property Value
VSS_8 : IC1/VSS_8	Name	VSS_8
	Number	F8
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	74
	Is No Connect	False

Object	Property Name	Property Value
VSS_9 : IC1/VSS_9	Name	VSS_9
	Number	F9
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	75
	Is No Connect	False

Object	Property Name	Property Value
VSS_10 : IC1/VSS_10	Name	VSS_10
	Number	F10
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	76
	Is No Connect	False

Object	Property Name	Property Value
VSS_11 : IC1/VSS_11	Name	VSS_11
	Number	F12
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	77
	Is No Connect	False

Object	Property Name	Property Value
VCAP2 : IC1/VCAP2	Name	VCAP2
	Number	F13
	Swap Id	-1
	Type	Passive
	Net Name	F13
	Order	78
	Is No Connect	False

Object	Property Name	Property Value
PC9 : IC1/PC9	Name	PC9
	Number	F14
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	79
	Is No Connect	True

Object	Property Name	Property Value
PA8 : IC1/PA8	Name	PA8
	Number	F15
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	80
	Is No Connect	True

Object	Property Name	Property Value
PH0 : IC1/PH0	Name	PH0
	Number	G1
	Swap Id	-1
	Type	Passive
	Net Name	R4
	Order	81
	Is No Connect	False

Object	Property Name	Property Value
VSS_12 : IC1/VSS_12	Name	VSS_12
	Number	G2
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	82
	Is No Connect	False

Object	Property Name	Property Value
VDD_5 : IC1/VDD_5	Name	VDD_5
	Number	G3
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	83
	Is No Connect	False

Object	Property Name	Property Value
PH3 : IC1/PH3	Name	PH3
	Number	G4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	84
	Is No Connect	True

Object	Property Name	Property Value
VSS_13 : IC1/VSS_13	Name	VSS_13
	Number	G6
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	85
	Is No Connect	False

Object	Property Name	Property Value
VSS_14 : IC1/VSS_14	Name	VSS_14
	Number	G7
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	86
	Is No Connect	False

Object	Property Name	Property Value
VSS_15 : IC1/VSS_15	Name	VSS_15
	Number	G8
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	87
	Is No Connect	False

Object	Property Name	Property Value
VSS_16 : IC1/VSS_16	Name	VSS_16
	Number	G9
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	88
	Is No Connect	False

Object	Property Name	Property Value
VSS_17 : IC1/VSS_17	Name	VSS_17
	Number	G10
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	89
	Is No Connect	False

Object	Property Name	Property Value
VSS_18 : IC1/VSS_18	Name	VSS_18
	Number	G12
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	90
	Is No Connect	False

Object	Property Name	Property Value
VDD_6 : IC1/VDD_6	Name	VDD_6
	Number	G13
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	91
	Is No Connect	False

Object	Property Name	Property Value
PC8 : IC1/PC8	Name	PC8
	Number	G14
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	92
	Is No Connect	True

Object	Property Name	Property Value
PC7 : IC1/PC7	Name	PC7
	Number	G15
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	93
	Is No Connect	True

Object	Property Name	Property Value
PH1 : IC1/PH1	Name	PH1
	Number	H1
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	94
	Is No Connect	True

Object	Property Name	Property Value
PF2 : IC1/PF2	Name	PF2
	Number	H2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	95
	Is No Connect	True

Object	Property Name	Property Value
PF1 : IC1/PF1	Name	PF1
	Number	H3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	96
	Is No Connect	True

Object	Property Name	Property Value
PH4 : IC1/PH4	Name	PH4
	Number	H4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	97
	Is No Connect	True

Object	Property Name	Property Value
VSS_19 : IC1/VSS_19	Name	VSS_19
	Number	H6
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	98
	Is No Connect	False

Object	Property Name	Property Value
VSS_20 : IC1/VSS_20	Name	VSS_20
	Number	H7
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	99
	Is No Connect	False

Object	Property Name	Property Value
VSS_21 : IC1/VSS_21	Name	VSS_21
	Number	H8
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	100
	Is No Connect	False

Object	Property Name	Property Value
VSS_22 : IC1/VSS_22	Name	VSS_22
	Number	H9
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	101
	Is No Connect	False

Object	Property Name	Property Value
VSS_23 : IC1/VSS_23	Name	VSS_23
	Number	H10
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	102
	Is No Connect	False

Object	Property Name	Property Value
VSS_24 : IC1/VSS_24	Name	VSS_24
	Number	H12
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	103
	Is No Connect	False

Object	Property Name	Property Value
VDDUSB : IC1/VDDUSB	Name	VDDUSB
	Number	H13
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	104
	Is No Connect	False

Object	Property Name	Property Value
PG8 : IC1/PG8	Name	PG8
	Number	H14
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	105
	Is No Connect	True

Object	Property Name	Property Value
PC6 : IC1/PC6	Name	PC6
	Number	H15
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	106
	Is No Connect	True

Object	Property Name	Property Value
NRST : IC1/NRST	Name	NRST
	Number	J1
	Swap Id	-1
	Type	Passive
	Net Name	J1
	Order	107
	Is No Connect	False

Object	Property Name	Property Value
PF3 : IC1/PF3	Name	PF3
	Number	J2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	108
	Is No Connect	True

Object	Property Name	Property Value
PF4 : IC1/PF4	Name	PF4
	Number	J3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	109
	Is No Connect	True

Object	Property Name	Property Value
PH5 : IC1/PH5	Name	PH5
	Number	J4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	110
	Is No Connect	True

Object	Property Name	Property Value
VSS_25 : IC1/VSS_25	Name	VSS_25
	Number	J6
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	111
	Is No Connect	False

Object	Property Name	Property Value
VSS_26 : IC1/VSS_26	Name	VSS_26
	Number	J7
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	112
	Is No Connect	False

Object	Property Name	Property Value
VSS_27 : IC1/VSS_27	Name	VSS_27
	Number	J8
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	113
	Is No Connect	False

Object	Property Name	Property Value
VSS_28 : IC1/VSS_28	Name	VSS_28
	Number	J9
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	114
	Is No Connect	False

Object	Property Name	Property Value
VSS_29 : IC1/VSS_29	Name	VSS_29
	Number	J10
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	115
	Is No Connect	False

Object	Property Name	Property Value
VDD_7 : IC1/VDD_7	Name	VDD_7
	Number	J12
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	116
	Is No Connect	False

Object	Property Name	Property Value
VDD_8 : IC1/VDD_8	Name	VDD_8
	Number	J13
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	117
	Is No Connect	False

Object	Property Name	Property Value
VDD12_OTGHS : IC1/VDD12_OTGHS	Name	VDD12_OTGHS
	Number	J14
	Swap Id	-1
	Type	Passive
	Net Name	C5
	Order	118
	Is No Connect	False

Object	Property Name	Property Value
OTG_HS_REXT : IC1/OTG_HS_REXT	Name	OTG_HS_REXT
	Number	J15
	Swap Id	-1
	Type	Passive
	Net Name	J15
	Order	119
	Is No Connect	False

Object	Property Name	Property Value
PF7 : IC1/PF7	Name	PF7
	Number	K1
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	120
	Is No Connect	True

Object	Property Name	Property Value
PF6 : IC1/PF6	Name	PF6
	Number	K2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	121
	Is No Connect	True

Object	Property Name	Property Value
PF5 : IC1/PF5	Name	PF5
	Number	K3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	122
	Is No Connect	True

Object	Property Name	Property Value
VDD_9 : IC1/VDD_9	Name	VDD_9
	Number	K4
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	123
	Is No Connect	False

Object	Property Name	Property Value
VSS_30 : IC1/VSS_30	Name	VSS_30
	Number	K6
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	124
	Is No Connect	False

Object	Property Name	Property Value
VSS_31 : IC1/VSS_31	Name	VSS_31
	Number	K7
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	125
	Is No Connect	False

Object	Property Name	Property Value
VSS_32 : IC1/VSS_32	Name	VSS_32
	Number	K8
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	126
	Is No Connect	False

Object	Property Name	Property Value
VSS_33 : IC1/VSS_33	Name	VSS_33
	Number	K9
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	127
	Is No Connect	False

Object	Property Name	Property Value
VSS_34 : IC1/VSS_34	Name	VSS_34
	Number	K10
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	128
	Is No Connect	False

Object	Property Name	Property Value
PH12 : IC1/PH12	Name	PH12
	Number	K12
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	129
	Is No Connect	True

Object	Property Name	Property Value
PG5 : IC1/PG5	Name	PG5
	Number	K13
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	130
	Is No Connect	False

Object	Property Name	Property Value
PG4 : IC1/PG4	Name	PG4
	Number	K14
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	131
	Is No Connect	True

Object	Property Name	Property Value
PG3 : IC1/PG3	Name	PG3
	Number	K15
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	132
	Is No Connect	True

Object	Property Name	Property Value
PF10 : IC1/PF10	Name	PF10
	Number	L1
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	133
	Is No Connect	True

Object	Property Name	Property Value
PF9 : IC1/PF9	Name	PF9
	Number	L2
	Swap Id	-1
	Type	Passive
	Net Name	L2
	Order	134
	Is No Connect	False

Object	Property Name	Property Value
PF8 : IC1/PF8	Name	PF8
	Number	L3
	Swap Id	-1
	Type	Passive
	Net Name	L3
	Order	135
	Is No Connect	False

Object	Property Name	Property Value
BYPASS_REG : IC1/BYPASS_REG	Name	BYPASS_REG
	Number	L4
	Swap Id	-1
	Type	Passive
	Net Name	L4
	Order	136
	Is No Connect	False

Object	Property Name	Property Value
PH11 : IC1/PH11	Name	PH11
	Number	L12
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	137
	Is No Connect	True

Object	Property Name	Property Value
PH10 : IC1/PH10	Name	PH10
	Number	L13
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	138
	Is No Connect	True

Object	Property Name	Property Value
PD15 : IC1/PD15	Name	PD15
	Number	L14
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	139
	Is No Connect	True

Object	Property Name	Property Value
PG2 : IC1/PG2	Name	PG2
	Number	L15
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	140
	Is No Connect	True

Object	Property Name	Property Value
VSSA : IC1/VSSA	Name	VSSA
	Number	M1
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	141
	Is No Connect	False

Object	Property Name	Property Value
PC0 : IC1/PC0	Name	PC0
	Number	M2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	142
	Is No Connect	True

Object	Property Name	Property Value
PC1 : IC1/PC1	Name	PC1
	Number	M3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	143
	Is No Connect	True

Object	Property Name	Property Value
PC2 : IC1/PC2	Name	PC2
	Number	M4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	144
	Is No Connect	True

Object	Property Name	Property Value
PC3 : IC1/PC3	Name	PC3
	Number	M5
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	145
	Is No Connect	True

Object	Property Name	Property Value
PB2 : IC1/PB2	Name	PB2
	Number	M6
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	146
	Is No Connect	True

Object	Property Name	Property Value
PG1 : IC1/PG1	Name	PG1
	Number	M7
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	147
	Is No Connect	True

Object	Property Name	Property Value
VSS_35 : IC1/VSS_35	Name	VSS_35
	Number	M8
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	148
	Is No Connect	False

Object	Property Name	Property Value
VSS_36 : IC1/VSS_36	Name	VSS_36
	Number	M9
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	149
	Is No Connect	False

Object	Property Name	Property Value
VCAP_1 : IC1/VCAP_1	Name	VCAP_1
	Number	M10
	Swap Id	-1
	Type	Passive
	Net Name	M10
	Order	150
	Is No Connect	False

Object	Property Name	Property Value
PH6 : IC1/PH6	Name	PH6
	Number	M11
	Swap Id	-1
	Type	Passive
	Net Name	M11
	Order	151
	Is No Connect	False

Object	Property Name	Property Value
PH8 : IC1/PH8	Name	PH8
	Number	M12
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	152
	Is No Connect	True

Object	Property Name	Property Value
PH9 : IC1/PH9	Name	PH9
	Number	M13
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	153
	Is No Connect	True

Object	Property Name	Property Value
PD14 : IC1/PD14	Name	PD14
	Number	M14
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	154
	Is No Connect	True

Object	Property Name	Property Value
PD13 : IC1/PD13	Name	PD13
	Number	M15
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	155
	Is No Connect	True

Object	Property Name	Property Value
VREF- : IC1/VREF-	Name	VREF-
	Number	N1
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	156
	Is No Connect	True

Object	Property Name	Property Value
PA1 : IC1/PA1	Name	PA1
	Number	N2
	Swap Id	-1
	Type	Passive
	Net Name	L3
	Order	157
	Is No Connect	False

Object	Property Name	Property Value
PA0 : IC1/PA0	Name	PA0
	Number	N3
	Swap Id	-1
	Type	Passive
	Net Name	PA0
	Order	158
	Is No Connect	False

Object	Property Name	Property Value
PA4 : IC1/PA4	Name	PA4
	Number	N4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	159
	Is No Connect	True

Object	Property Name	Property Value
PC4 : IC1/PC4	Name	PC4
	Number	N5
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	160
	Is No Connect	True

Object	Property Name	Property Value
PF13 : IC1/PF13	Name	PF13
	Number	N6
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	161
	Is No Connect	True

Object	Property Name	Property Value
PG0 : IC1/PG0	Name	PG0
	Number	N7
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	162
	Is No Connect	True

Object	Property Name	Property Value
VDD_10 : IC1/VDD_10	Name	VDD_10
	Number	N8
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	163
	Is No Connect	False

Object	Property Name	Property Value
VDD_11 : IC1/VDD_11	Name	VDD_11
	Number	N9
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	164
	Is No Connect	False

Object	Property Name	Property Value
VDD_12 : IC1/VDD_12	Name	VDD_12
	Number	N10
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	165
	Is No Connect	False

Object	Property Name	Property Value
PE13 : IC1/PE13	Name	PE13
	Number	N11
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	166
	Is No Connect	True

Object	Property Name	Property Value
PH7 : IC1/PH7	Name	PH7
	Number	N12
	Swap Id	-1
	Type	Passive
	Net Name	N12
	Order	167
	Is No Connect	False

Object	Property Name	Property Value
PD12 : IC1/PD12	Name	PD12
	Number	N13
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	168
	Is No Connect	True

Object	Property Name	Property Value
PD11 : IC1/PD11	Name	PD11
	Number	N14
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	169
	Is No Connect	True

Object	Property Name	Property Value
PD10 : IC1/PD10	Name	PD10
	Number	N15
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	170
	Is No Connect	True

Object	Property Name	Property Value
VREF+ : IC1/VREF+	Name	VREF+
	Number	P1
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	171
	Is No Connect	False

Object	Property Name	Property Value
PA2 : IC1/PA2	Name	PA2
	Number	P2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	172
	Is No Connect	True

Object	Property Name	Property Value
PA6 : IC1/PA6	Name	PA6
	Number	P3
	Swap Id	-1
	Type	Passive
	Net Name	P3
	Order	173
	Is No Connect	False

Object	Property Name	Property Value
PA5 : IC1/PA5	Name	PA5
	Number	P4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	174
	Is No Connect	True

Object	Property Name	Property Value
PC5 : IC1/PC5	Name	PC5
	Number	P5
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	175
	Is No Connect	True

Object	Property Name	Property Value
PF12 : IC1/PF12	Name	PF12
	Number	P6
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	176
	Is No Connect	True

Object	Property Name	Property Value
PF15 : IC1/PF15	Name	PF15
	Number	P7
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	177
	Is No Connect	True

Object	Property Name	Property Value
PE8 : IC1/PE8	Name	PE8
	Number	P8
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	178
	Is No Connect	True

Object	Property Name	Property Value
PE9 : IC1/PE9	Name	PE9
	Number	P9
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	179
	Is No Connect	True

Object	Property Name	Property Value
PE11 : IC1/PE11	Name	PE11
	Number	P10
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	180
	Is No Connect	True

Object	Property Name	Property Value
PE14 : IC1/PE14	Name	PE14
	Number	P11
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	181
	Is No Connect	True

Object	Property Name	Property Value
PB12 : IC1/PB12	Name	PB12
	Number	P12
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	182
	Is No Connect	True

Object	Property Name	Property Value
PB13 : IC1/PB13	Name	PB13
	Number	P13
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	183
	Is No Connect	True

Object	Property Name	Property Value
PD9 : IC1/PD9	Name	PD9
	Number	P14
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	184
	Is No Connect	True

Object	Property Name	Property Value
PD8 : IC1/PD8	Name	PD8
	Number	P15
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	185
	Is No Connect	True

Object	Property Name	Property Value
VDDA : IC1/VDDA	Name	VDDA
	Number	R1
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	186
	Is No Connect	False

Object	Property Name	Property Value
PA3 : IC1/PA3	Name	PA3
	Number	R2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	187
	Is No Connect	True

Object	Property Name	Property Value
PA7 : IC1/PA7	Name	PA7
	Number	R3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	188
	Is No Connect	True

Object	Property Name	Property Value
PB1 : IC1/PB1	Name	PB1
	Number	R4
	Swap Id	-1
	Type	Passive
	Net Name	PB1
	Order	189
	Is No Connect	False

Object	Property Name	Property Value
PB0 : IC1/PB0	Name	PB0
	Number	R5
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	190
	Is No Connect	True

Object	Property Name	Property Value
PF11 : IC1/PF11	Name	PF11
	Number	R6
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	191
	Is No Connect	True

Object	Property Name	Property Value
PF14 : IC1/PF14	Name	PF14
	Number	R7
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	192
	Is No Connect	True

Object	Property Name	Property Value
PE7 : IC1/PE7	Name	PE7
	Number	R8
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	193
	Is No Connect	True

Object	Property Name	Property Value
PE10 : IC1/PE10	Name	PE10
	Number	R9
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	194
	Is No Connect	True

Object	Property Name	Property Value
PE12 : IC1/PE12	Name	PE12
	Number	R10
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	195
	Is No Connect	True

Object	Property Name	Property Value
PE15 : IC1/PE15	Name	PE15
	Number	R11
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	196
	Is No Connect	True

Object	Property Name	Property Value
PB10 : IC1/PB10	Name	PB10
	Number	R12
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	197
	Is No Connect	True

Object	Property Name	Property Value
PB11 : IC1/PB11	Name	PB11
	Number	R13
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	198
	Is No Connect	True

Object	Property Name	Property Value
PB14 : IC1/PB14	Name	PB14
	Number	R14
	Swap Id	-1
	Type	Passive
	Net Name	DN
	Order	199
	Is No Connect	False

Object	Property Name	Property Value
PB15 : IC1/PB15	Name	PB15
	Number	R15
	Swap Id	-1
	Type	Passive
	Net Name	DP
	Order	200
	Is No Connect	False

Object	Property Name	Property Value
INS141408 : C15	Name	INS141408
	ID	837
	Reference	C15
	Designator	
	Part Reference	C15
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D7
	Manufacturer_Name	Murata Electronics
	Manufacturer_Part_Number	GRM033D70E105ME15D
	Description	Capacitor GRM03_0.09 L=0.6mm W=0.3mm T=0.3mm
	Datasheet Link	http://www.murata.com/~/media/webrenewal/support/library/catalog/proc
	Height	0.33 mm

Object	Property Name	Property Value
1 : C15/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C15/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	+3V3
	Order	1
	Is No Connect	False