Object	Property Name	Property Value
	Name	l13990
	Left	10
	Тор	740
Rectangle	Right	370
	Bottom	980
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	121057
	Left	10
	Тор	990
Rectangle	Right	370
	Bottom	1300
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	126645
	Start X-Coordinate	10
Line	Start Y-Coordinate	780
	End X-Coordinate	370
	End Y-Coordinate	780

Object	Property Name	Property Value
Line	Name	126647
	Start X-Coordinate	10
	Start Y-Coordinate	1030
	End X-Coordinate	370
	End Y-Coordinate	1030

Object	Property Name	Property Value
	Name	166892
	Left	10
	Тор	10
Rectangle	Right	370
	Bottom	480
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	166904
	Start X-Coordinate	10
	Start Y-Coordinate	50
	End X-Coordinate	370
	End Y-Coordinate	50

Object	Property Name	Property Value
	Name	176159
	Left	10
Rectangle	Тор	490
	Right	370
	Bottom	730
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	176165
	Start X-Coordinate	10
	Start Y-Coordinate	530
	End X-Coordinate	370
	End Y-Coordinate	530

Object	Property Name	Property Value
	Name	177727
	Left	380
	Тор	930
Rectangle	Right	990
	Bottom	1490
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	177735
	Start X-Coordinate	380
Line	Start Y-Coordinate	970
	End X-Coordinate	990
	End Y-Coordinate	970

Object	Property Name	Property Value
	Name	1137965
	Left	380
	Тор	520
Rectangle	Right	850
	Bottom	730
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	1137977
	Start X-Coordinate	380
Line	Start Y-Coordinate	560
	End X-Coordinate	850
	End Y-Coordinate	560

Object	Property Name	Property Value
	Name	1141124
	Left	380
	Тор	740
Rectangle	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
	Name	1148303
	Left	10
Rectangle	Тор	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	1153838
	Start X-Coordinate	0
	Start Y-Coordinate	1500
	End X-Coordinate	2318
	End Y-Coordinate	1500

Object	Property Name	Property Value
	Name	109739
	Bounding Box Left	80
	Bounding Box Right	314
External Power-Supply Switch	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]
	Name	I10162	l l
	Bounding Box Left	110	<u> </u>
	Bounding Box Right	270]
	Bounding Box Top	940]
When S1 is closed, the target voltage gets powered wi	h 3.3V by the programmer Please make sure that the su	마상 coltage of the target is tolerant to 3.3V!]
	Text	When S1 is closed, the target voltage gets powered wi	th 3.3V by the pro
	Text Location X-Coordinate	110	<u> </u>
	Text Location Y-Coordinate	940	I
	Font	Calibri	J

Object	Property Name	Property Value
	Name	121367
	Bounding Box Left	140
	Bounding Box Right	256
UBS Type-C #1	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
	Name	166898
	Bounding Box Left	100
	Bounding Box Right	285
Connectors and plugins	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
	Name	177673
	Bounding Box Left	140
	Bounding Box Right	245
	Bounding Box Top	500
Level Shiffter	Bounding Box Bottom	519
	Text	Level Shiffter
	Text Location X-Coordinate	140
	Text Location Y-Coordinate	500
	Font	Calibri

Object	Property Name	Property Value
	Name	177721
	Bounding Box Left	630
	Bounding Box Right	745
Data Interface	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
	Name	1137971
	Bounding Box Left	570
	Bounding Box Right	670
	Bounding Box Top	530
LDO Voltage	Bounding Box Bottom	549
	Text	LDO Voltage
	Text Location X-Coordinate	570
	Text Location Y-Coordinate	530
	Font	Calibri
	•	•
Object	Property Name	Property Value
	Name	1141118
	Bounding Box Left	590
	Bounding Box Right	642
Filters	Bounding Box Top	750
Filters	Bounding Box Bottom	769
	Text	Filters
	Text Location X-Coordinate	590
	Text Location Y-Coordinate	750
	Font	Calibri
Object	Branarty Nama	Property Value
Object	Property Name	
	Name	1148309
	Bounding Box Left	140
	Bounding Box Right	231
ESD Secure	Bounding Box Top	1320
200 000010	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
Obligat	I Businesster Names	Duran auto Valore
Object +3V3: +3V3 (Wire ID = 3036)	Property Name	Property Value
+3V3 : +3V3 (WIFE ID = 3030)	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
·	INGING	TOVO
Object	Property Name	Property Value
+3V3: +3V3 (Wire ID = 3062)	Name	+3V3
	•	

Ohioot	Duamanti, Nama	Duonouti, Volus
Object +3V3:+3V3 (Wire ID = 3077)	Property Name	Property Value
1010 : 1010 (1110 ID = 3011)	Name	+3V3
Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3079)	Name	+3V3
	Ivanie	T3V3
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
	r=	1=
Object +3V3:+3V3 (Wire ID = 3128)	Property Name	Property Value
+3V3 . +3V3 (WITE ID = 3120)	Name	+3V3
Ohioot	Dranarty Name	Dramanty Value
Object +3V3:+3V3 (Wire ID = 3132)	Property Name	Property Value
	Name	+3V3
Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3149)	Name	+3V3
	Hamo	1000
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	I Bronoute Nome	Drawarty Value
Object +3V3:+3V3 (Wire ID = 3217)	Property Name	Property Value
.5.5.1646 (17116 15 = 5217)	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	Drawarty Name	Dramarty Value
Object +3V3: +3V3 (Wire ID = 3406)	Property Name	Property Value
	Name	+3V3
Object	Property Name	Property Value
+3V3: +3V3 (Wire ID = 3410)	Name	+3V3
Obligat	I Buran auto Mana	I Busineste Vales
Object +3V3:+3V3 (Wire ID = 3437)	Property Name	Property Value
,	Name	+3V3
Object	Property Name	Property Value
+3V3: +3V3 (Wire ID = 3441)	Name	+3V3
College	I Businesses M	Duna anta Val
Object +3V3:+3V3 (Wire ID = 3470)	Property Name	Property Value
	Name	+3V3
Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 3474)	Name	+3V3
Object	I Burananta Nama	Duran antic Value
Object +3V3:+3V3 (Wire ID = 3505)	Property Name	Property Value
,	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
_	· Samo	
Object 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
		L 1515
Object Object	Property Name	Property Value
+3V3: +3V3 (Wire ID = 3650)	Name	+3V3

College	I Barranda Nama	I Burnanta Walan
Object PB1 : PB1 (Wire ID = 3778)	Property Name	Property Value
FB1.FB1 (Wile ID = 3116)	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
	15	In
Object PB1 : PB1 (Wire ID = 4099)	Property Name	Property Value
FB1 : FB1 (Wile ID = 4099)	Name	PB1
Object	Property Name	Property Value
PA0 : PA0 (Wire ID = 4458)	Name	PA0
,	Name	PAU
Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 4731)	Name	VSENS
	Name	VOLITO
Object	Property Name	Property Value
PA0 : PA0 (Wire ID = 4868)	Name	PAO
	•	
Object 10270	Property Name	Property Value
PA0 : PA0 (Wire ID = 4872)	Name	PA0
Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 5002)	Name	+3V3
	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)		T 1
, , , , , , , , , , , , , , , , , , , ,	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
	Hamo	1 1000

	1	15
Object R9 : R9 (Wire ID = 18895)	Property Name	Property Value
13 : 13 (WHO ID = 10033)	Name	R9
Object	Property Name	Property Value
R9 : R9 (Wire ID = 18899)	Name	R9
	•	<u> </u>
Object R10 : R10 (Wire ID = 18928)	Property Name	Property Value
R10 : R10 (Wife 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	Bronorty Nome	Property Value
DP : DP (Wire ID = 20419)	Property Name	Property Value
,	Name	DP
Object	Property Name	Property Value
DP : DP (Wire ID = 20424)	Name	DP
		•
Object DP : DP (Wire ID = 20428)	Property Name	Property Value
DF . DF (Wile ID = 20428)	Name	DP
Object	Property Name	Property Value
DP : DP (Wire ID = 20433)	Name	DP
	•	•
Object DP : DP (Wire ID = 20437)	Property Name	Property Value
DF . DF (Wile 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	Proporty Nama	Proporty Value
Object DN: DN (Wire ID = 20455)	Property Name	Property Value
<u> </u>	Name	DIN
Object	Property Name	Property Value
DN : DN (Wire ID = 20459)	Name	DN
	1-	T-
Object DN : DN (Wire ID = 20464)	Property Name	Property Value
	Name	DN

Object	Property Name	Property Value
DN : DN (Wire ID = 20468)	Name	DN
	-	•
	15	15
Object DP: DP (Wire ID = 20600)	Property Name	Property Value
DI . DI (WIE ID = 20000)	Name	DP
Object	Property Name	Property Value
DP : DP (Wire ID = 20604)	Name	DP
	-	-
Object DN: DN (Wire ID = 20609)	Property Name	Property Value
DN . DN (Wile ID = 20009)	Name	DN
Object	Property Name	Property Value
DN : DN (Wire ID = 20613)	Name	DN
	•	•
Object DP: DP (Wire ID = 20661)	Property Name	Property Value
DF . DF (Wile ID = 20001)	Name	DP
Object	Property Name	Property Value
DP : DP (Wire ID = 20665)	Name	DP
	reamo	1 3.
Object	Property Name	Property Value
DN : DN (Wire ID = 20680)	Name	DN
Object	Property Name	Property Value
DN : DN (Wire ID = 20684)	Name	DN DN
	Tano	
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
	150.10	ONOLIVINIT
Object	Property Name	Property Value
C5 : C5 (Wire ID = 24594)	Name	C5
Object	Property Name	Property Value
C5 : C5 (Wire ID = 24598)	Name Name	C5
	Tallio	1 00
Object	Property Name	Property Value
M10 : M10 (Wire ID = 24643)	Name	M10
Ohioat	Duamanti Nama	Dunn auto Valus
Object F13 : F13 (Wire ID = 25185)	Property Name	Property Value
,	Name	F13

	15	15
Object	Property Name	Property Value
F13 : F13 (Wire ID = 25404)	Name	F13
	T =	r-
Object	Property Name	Property Value
+3V3: +3V3 (Wire ID = 39462)	Name	+3V3
Object	Dranarty Nama	Dramarty Value
Object +3V3:+3V3 (Wire ID = 39510)	Property Name	Property Value
(1.110 to 1.110 (1.110 to 1.110 to 1.11	Name	+3V3
Object	Property Name	Property Value
+3V3: +3V3 (Wire ID = 39514)	Name	+3V3
	Name	1000
Object	Property Name	Property Value
N39518 : N39518 (Wire ID = 39518)	Name	N39518
	•	•
Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 39522)	Name	+3V3
		15
Object R4 : R4 (Wire ID = 39834)	Property Name	Property Value
K4 : K4 (Wile ID = 39034)	Name	R4
Ohioat	Droporty Namo	Proporty Value
Object R4 : R4 (Wire ID = 39838)	Property Name	Property Value
······································	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	I Donorousto Norro	I Businesto Valor
Object J15: J15 (Wire ID = 47612)	Property Name	Property Value
313 : 313 (Wile ID = 47012)	Name	J15
Object	Property Name	Property Value
L4 : L4 (Wire ID = 47624)	Name	L4
	Ivanie	124
Object	Property Name	Property Value
D15 : D15 (Wire ID = 48567)	Name	D15
	1-	T-
Object	Property Name	Property Value
D15 : D15 (Wire ID = 51995)	Name	D15
Ohioot	Droporty Name	Proporty Value
Object D15: D15 (Wire ID = 51999)	Property Name	Property Value
: =:= (::::= = = = = ::==)	Name	D15

Object	Property Name	Property Value
D15 : D15 (Wire ID = 52003)	Name	D15
	Name	D10
Object	Property Name	Property Value
N52044 : N52044 (Wire ID = 52044)	Name	N52044
Carr :	1	15
Object N52750 : N52750 (Wire ID = 52750)	Property Name	Property Value
1.02.00 (1.102.00 (1.110.12 = 02.00)	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
	NODENAME	GND
0 : 0 (Wire ID = 53161)	Name	0
	Hamo	i ,
Object	Property Name	Property Value
0:0 (Wire ID = 53165)	NODENAME	GND
	Name	0
Ohioot	Dranauty Nama	Dramarky Value
Object	Property Name NODENAME	Property Value
0 : 0 (Wire ID = 53225)	Name	0
	Hamo	ļ v
Object	Property Name	Property Value
0 : 0 (Wire ID = 53231)	NODENAME	GND
	Name	0
Object	Property Name	Property Value
	NODENAME	GND
0 : 0 (Wire ID = 53235)	Name	0
		ļ -
Object	Property Name	Property Value
0:0 (Wire ID = 53243)	NODENAME	GND
	Name	0
Object	Proporty Name	Property Value
	Property Name NODENAME	GND GND
0 : 0 (Wire ID = 53247)	Name	0
	reamo	1 ~
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	
<u> </u>	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	
<u> </u>	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	
3.3 (11.3.2 = 33.2.7)	Name	0	
Object	Property Name	Property Value	
0 : 0 (Wire ID = 55501)	NODENAME	GND	
213 (111012 20001)	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	
2.13 (1.11.0.12 20001.)	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	
0 : 0 (Wile ID = 00001)	Name	0	
Object	Property Name	Property Value	
0 : 0 (Wire ID = 56033)	NODENAME	GND	
3 : 3 (11.10 : D = 30000)	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	
213(111012 20110)	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
0.0 (Viii 0.D = 00.00)	Name	0
Object	Property Name	Property Value
0:0 (Wire ID = 56844)	NODENAME	GND
0.0 (Wile ID = 56644)	Name	0
		•
Object	Property Name	Property Value
0 : 0 (Wire ID = 56848)	NODENAME	GND
0.0 (Wile ID = 36646)	Name	0
	-	
Object	Property Name	Property Value
0 : 0 (Wire ID = 56938)	NODENAME	GND
0.0 (Wile ID = 30930)	Name	0
	•	
Object	Property Name	Property Value
0:0 (Wire ID = 56942)	NODENAME	GND
0.0 (Wile ID = 30342)	Name	0
Object	Property Name	Property Value
0:0 (Wire ID = 57034)	NODENAME	GND
0.0 (Wile ID = 37034)	Name	0
Object	Property Name	Property Value
0 : 0 (Wire ID = 57038)	NODENAME	GND
0.0 (Wile ID = 37030)	Name	0
Object	Property Name	Property Value
0:0 (Wire ID = 57132)	NODENAME	GND
0.0 (WIIIG ID - 31 132)	Name	0
Object	Property Name	Property Value
0:0 (Wire ID = 57136)	NODENAME	GND
1 1 (1111111111111111111111111111111111	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	
<u> </u>	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	
- 1 - 2 2	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
0.0 (Nine 12 = 0.000)	Name	0
Object	Property Name	Property Value
0:0 (Wire ID = 58158)	NODENAME	GND
0.0 (Wile ID = 38138)	Name	0
		•
Object	Property Name	Property Value
0:0 (Wire ID = 58162)	NODENAME	GND
0.0 (Wile ID = 38162)	Name	0
Object	Property Name	Property Value
0:0 (Wire ID = 58276)	NODENAME	GND
0.0 (Wile ID = 30270)	Name	0
	•	•
Object	Property Name	Property Value
0:0 (Wire ID = 58280)	NODENAME	GND
0 : 0 (Wile ID = 38280)	Name	0
Object	Property Name	Property Value
0:0 (Wire ID = 58396)	NODENAME	GND
0.0 (Wile ID = 30330)	Name	0
Object	Property Name	Property Value
0 : 0 (Wire ID = 58400)	NODENAME	GND
0.0 (Wile ID = 30400)	Name	0
Object	Property Name	Property Value
0:0 (Wire ID = 58518)	NODENAME	GND
0.0 (WIIIG ID = 30310)	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	
<u> </u>	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	
<u> </u>	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	
- 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	Name	0	
Object	Property Name	Property Value	
0 : 0 (Wire ID = 60436)	NODENAME	GND	
	Name	0	

Property Name	Property Value	
NODENAME	GND	
Name	0	
Property Name	Property Value	
NODENAME	GND	
Name	0	
Property Name	Property Value	
NODENAME	GND	
Name	0	
Property Name	Property Value	
Name	A7	
Property Name	Property Value	
Name	C10	
•	•	
Property Name	Property Value	
Namo	· · ·	
15	15	
Name	LZ	
Name	L3	
Property Name		
Name	L3	
Property Name	Property Value	
1 7		
Name	P3	
Name	P3	
Property Name	Property Value	
Property Name Name	Property Value D12	
Property Name	Property Value	
Property Name Name Property Name	Property Value D12 Property Value	
Property Name Name Property Name NODENAME	Property Value D12 Property Value GND	
Property Name Name Property Name NODENAME Name	Property Value D12 Property Value GND 0	
Property Name Name Property Name NODENAME	Property Value D12 Property Value GND	
Property Name Name Property Name NODENAME Name Property Name	Property Value D12 Property Value GND 0 Property Value	
Property Name Name Property Name NODENAME Name Property Name	Property Value D12 Property Value GND 0 Property Value	
	Property Name NODENAME Name Property Name NODENAME Name Property Name Name	NODENAME GND Name O O

Object	Property Name	Property Value
0:0 (Wire ID = 66972)	NODENAME	GND
0.0 (Wile ID = 00372)	Name	0
	•	•
Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 66976)	Name	VBUS
Object +3V3:+3V3 (Wire ID = 66980)	Property Name	Property Value
+3V3: +3V3 (WITE ID = 66980)	Name	+3V3
Ohioot	Dranaviv Nama	Property Value
Object NRST: NRST (Wire ID = 66984)	Property Name	
	Name	NRST
Object	Property Name	Property Value
TCLK/SWCLK : TCLK/SWCLK (Wire ID = 66990)	Name	TCLK/SWCLK
		1
Object	Property Name	Property Value
TMS/SWDIO : TMS/SWDIO (Wire ID = 66996)	Name	TMS/SWDIO
		•
Object LINK TX : LINK TX (Wire ID = 67002)	Property Name	Property Value
LINK_TX : LINK_TX (WIRE ID = 67002)	Name	LINK_TX
Ohioat	Duan auto Nama	Dramantis Value
Object LINK_RX: LINK_RX (Wire ID = 67008)	Property Name	Property Value
	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
	1-	
Object TMS/SWDIO: TMS/SWDIO (Wire ID = 67054)	Property Name	Property Value
TWO/GWDIO : TWO/GWDIO (WITE ID = 07034)	Name	TMS/SWDIO
Object	Property Name	Property Value
NRST : NRST (Wire ID = 67060)	Name	NRST Value
<u> </u>	Haino	Title (
Object	Property Name	Property Value
TCLK/SWCLK : TCLK/SWCLK (Wire ID = 67066)	Name	TCLK/SWCLK
	-	
Object TRO/(SWO (Mr. ID. 67070)	Property Name	Property Value
Object TDO/SWO : TDO/SWO (Wire ID = 67072)	Property Name Name	Property Value TDO/SWO
TDO/SWO : TDO/SWO (Wire ID = 67072)	Name	TDO/SWO

Object	Property Name	Property Value	
VSENS : VSENS (Wire ID = 67130)	Name	VSENS	
		•	
Object	Drawarty Name	Dramarty Value	—
Object TMS/SWDIO: TMS/SWDIO (Wire ID = 67134)	Property Name	Property Value	
	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	
5.5 (Mile 12 = 5.111)	Name	0	
Object	Bronorty Nama	Proporty Value	
Object TCLK/SWCLK: TCLK/SWCLK (Wire ID = 67148)	Property Name	Property Value	
32.30.102.1(1.10.13.2.01.140)	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	
0.0 (Wile ID = 07 100)	Name	0	
	•	•	
Object	I Bassassita Nama	I Brown auto Valor	—
Object TDO/SWO : TDO/SWO (Wire ID = 67162)	Property Name	Property Value TDO/SWO	
,	Name	TDO/SWO	
Object	Property Name	Property Value	
TDI : TDI (Wire ID = 67168)	Name	TDI	
Object	Property Name	Property Value	
	NODENAME	GND GND	
0 : 0 (Wire ID = 67174)	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	Duamanti Na	Duamanto Valera	
Object +3V3:+3V3 (Wire ID = 76816)	Property Name	Property Value	
/	Name	+3V3	
Object VSENS : VSENS (Wire ID = 76880)	Property Name	Property Value	

Ohioat	Dramantis Names	Draw auto Malora	
Object +3V3:+3V3 (Wire ID = 76884)	Property Name	Property Value	
	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	
	NODENAME	GND	
0 : 0 (Wire ID = 76900)	Name	0	
L	reamo		
Object	Property Name	Property Value	
VSENS : VSENS (Wire ID = 76904)	Name	VSENS	
	-		
Object	Property Name	Property Value	
A7 : A7 (Wire ID = 76908)	Name	A7	
Ohiost	Duamante Name	I Dunay and a Malian	
Object	Property Name	Property Value	
Object 0:0 (Wire ID = 76914)	NODENAME	GND	
	NODENAME	GND	
0:0 (Wire ID = 76914)	NODENAME Name	GND 0	
0:0 (Wire ID = 76914) Object	NODENAME	GND	
0:0 (Wire ID = 76914)	NODENAME Name Property Name	GND 0 Property Value	
0:0 (Wire ID = 76914) Object	NODENAME Name Property Name NODENAME	GND 0 Property Value GND	
0:0 (Wire ID = 76914) Object	NODENAME Name Property Name NODENAME	GND 0 Property Value GND 0	
0:0 (Wire ID = 76914) Object 0:0 (Wire ID = 76918) Object	NODENAME Name Property Name NODENAME	GND 0 Property Value GND	
0:0 (Wire ID = 76914) Object 0:0 (Wire ID = 76918)	NODENAME Name Property Name NODENAME Name	GND 0 Property Value GND 0	
0:0 (Wire ID = 76914) Object 0:0 (Wire ID = 76918) Object	NODENAME Name Property Name NODENAME Name Property Name	GND 0 Property Value GND 0 Property Value	
0:0 (Wire ID = 76914) Object 0:0 (Wire ID = 76918) Object N12: N12 (Wire ID = 76922)	NODENAME Name Property Name NODENAME Name Property Name Name	Property Value GND 0 Property Value N12	
0:0 (Wire ID = 76914) Object 0:0 (Wire ID = 76918) Object N12:N12 (Wire ID = 76922)	NODENAME Name Property Name NODENAME Name Property Name Name Property Name Name	Property Value GND 0 Property Value N12 Property Value N12	
0:0 (Wire ID = 76914) Object 0:0 (Wire ID = 76918) Object N12: N12 (Wire ID = 76922)	NODENAME Name Property Name NODENAME Name Property Name Name	Property Value GND 0 Property Value N12	
0:0 (Wire ID = 76914) Object 0:0 (Wire ID = 76918) Object N12:N12 (Wire ID = 76922)	NODENAME Name Property Name NODENAME Name Property Name Name Property Name Name	Property Value GND 0 Property Value N12 Property Value N12	
0:0 (Wire ID = 76914) Object 0:0 (Wire ID = 76918) Object N12:N12 (Wire ID = 76922) Object R2:R2 (Wire ID = 76928)	NODENAME Name Property Name NODENAME Name Property Name Name Property Name Name Name	Property Value GND 0 Property Value N12 Property Value N2	
0:0 (Wire ID = 76914) Object 0:0 (Wire ID = 76918) Object N12:N12 (Wire ID = 76922)	NODENAME Name Property Name NODENAME Name Property Name Name Property Name Name Property Name Name Property Name	Property Value GND 0 Property Value N12 Property Value R2 Property Value R2	
0:0 (Wire ID = 76914) Object 0:0 (Wire ID = 76918) Object N12:N12 (Wire ID = 76922) Object R2:R2 (Wire ID = 76928)	NODENAME Name Property Name NODENAME Name Property Name Name Property Name Name Name	Property Value GND 0 Property Value N12 Property Value N2	
0:0 (Wire ID = 76914) Object 0:0 (Wire ID = 76918) Object N12:N12 (Wire ID = 76922) Object R2:R2 (Wire ID = 76928)	NODENAME Name Property Name NODENAME Name Property Name Name Property Name Name Property Name Name Property Name	Property Value GND 0 Property Value N12 Property Value R2 Property Value R2	
0:0 (Wire ID = 76914) Object 0:0 (Wire ID = 76918) Object N12: N12 (Wire ID = 76922) Object R2: R2 (Wire ID = 76928)	NODENAME Name Property Name NODENAME Name Property Name Name Property Name Name Property Name Name Property Name	Property Value GND 0 Property Value N12 Property Value R2 Property Value R2	
Object Object Object N12: N12 (Wire ID = 76922) Object R2: R2 (Wire ID = 76928) Object D12: D12 (Wire ID = 76934)	NODENAME Name Property Name NODENAME Name Property Name Name Property Name Name Name Name Name	Property Value GND 0 Property Value N12 Property Value R2 Property Value R2	
Object Object Object N12: N12 (Wire ID = 76918) Object R2: R2 (Wire ID = 76928) Object D12: D12 (Wire ID = 76934)	Property Name Name Property Name Nodename Name Property Name Name	Property Value GND 0 Property Value N12 Property Value R2 Property Value R2 Property Value R2 Property Value Property Value Property Value	
Object Object Object N12: N12 (Wire ID = 76918) Object R2: R2 (Wire ID = 76928) Object D12: D12 (Wire ID = 76934)	Property Name Name Property Name Nodename Name Property Name Name	Property Value GND 0 Property Value N12 Property Value R2 Property Value R2 Property Value L2	
Object Object N12: N12 (Wire ID = 76918) Object R2: R2 (Wire ID = 76928) Object D12: D12 (Wire ID = 76934)	Property Name Name Property Name Name	Property Value GND 0 Property Value N12 Property Value R2 Property Value R2 Property Value R2 Property Value Property Value Property Value	
Object Object N12: N12 (Wire ID = 76918) Object R2: R2 (Wire ID = 76928) Object D12: D12 (Wire ID = 76934) Object L2: L2 (Wire ID = 76940)	Property Name Name Property Name Nodename Name Property Name Name Property Name Name Property Name Name Property Name Name Name Property Name Name Name	Property Value GND 0 Property Value N12 Property Value R2 Property Value R2 Property Value L2	
Object Object Object Object N12: N12 (Wire ID = 76922) Object R2: R2 (Wire ID = 76928) Object D12: D12 (Wire ID = 76934) Object L2: L2 (Wire ID = 76940)	Property Name Name Property Name Name	Property Value GND 0 Property Value N12 Property Value R2 Property Value D12 Property Value L2 Property Value	

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
	•	1
Ohioot	Dranarty Name	Dranavir Value
Object	Property Name NODENAME	Property Value
0:0 (Wire ID = 76960)	Name	GND 0
	Name	Ü
Ob to at	I Book and a Name	I Brown out o Wolone
Object	Property Name	Property Value
0 : 0 (Wire ID = 76964)	NODENAME Name	GND 0
	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
	NODENAME	GND
0 : 0 (Wire ID = 76976)	Name	0
	<u> </u>	•
Object	Property Name	Property Value
	NODENAME	GND
0 : 0 (Wire ID = 76980)	Name	0
		1 -
		_
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
	NODENAME	GND
0:0 (Wire ID = 76992)		
0 : 0 (Wire ID = 76992)	Name	0
0:0 (Wire ID = 76992)		0
0:0 (Wire ID = 76992) Object		Property Value
	Name	•

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	
0:0 (Wife ID = 77004)	Name	0	
	•		
Object	Property Name	Property Value	
	NODENAME	GND	
0 : 0 (Wire ID = 77008)	Name	0	
	Name	V	
Object	I Brancoto Name	I Bassa anto Malora	
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	
<u> </u>	Name	0	
Object	Property Name	Property Value	
0:0 (Wire ID = 77403)	NODENAME	GND	
0.0 (Wile ID = 77403)	Name	0	
	•	•	
Ohiect	Property Name	Property Value	
Object VSENS : VSENS (Wire ID = 78159)	Property Name	Property Value	
	Property Name Name	Property Value VSENS	
VSENS : VSENS (Wire ID = 78159)	Name	VSENS	
VSENS: VSENS (Wire ID = 78159) Object	Name Property Name	VSENS Property Value	
VSENS : VSENS (Wire ID = 78159)	Name	VSENS	
VSENS: VSENS (Wire ID = 78159) Object	Name Property Name	VSENS Property Value	
Object R2: R2 (Wire ID = 78177) Object	Property Name Name	Property Value	
VSENS: VSENS (Wire ID = 78159) Object R2: R2 (Wire ID = 78177)	Name Property Name	VSENS Property Value	
Object R2: R2 (Wire ID = 78177) Object	Property Name Name Property Name	Property Value R2 Property Value	
Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78177)	Property Name Name Property Name Name Name	Property Value R2 Property Value R2 Property Value R2	
Object R2: R2 (Wire ID = 78177) Object	Property Name Name Property Name Name Property Name Name	Property Value R2 Property Value R2 Property Value R2	
Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78181)	Property Name Name Property Name Name Name	Property Value R2 Property Value R2 Property Value R2	
Object R2: R2 (Wire ID = 78159) Object R2: R2 (Wire ID = 78177) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78197)	Property Name Name Property Name Name Property Name Name Name	Property Value R2 Property Value R2 Property Value R2 Property Value R2	
Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78197)	Property Name Name Property Name Name Property Name Name Property Name Name Property Name	Property Value R2 Property Value R2 Property Value R2 Property Value R2 Property Value	
Object R2: R2 (Wire ID = 78159) Object R2: R2 (Wire ID = 78177) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78197)	Property Name Name Property Name Name Property Name Name Name	Property Value R2 Property Value R2 Property Value R2 Property Value R2	
Object R2: R2 (Wire ID = 78177) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78197) Object C10: C10 (Wire ID = 78252)	Property Name Name Property Name Name Property Name Name Property Name Name Name	Property Value R2 Property Value R2 Property Value R2 Property Value R2 C10	
Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78197) Object C10: C10 (Wire ID = 78252)	Property Name Name Property Name Name Property Name Name Property Name Name Property Name	Property Value R2 Property Value R2 Property Value R2 Property Value R2 Property Value	
Object R2: R2 (Wire ID = 78177) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78197) Object C10: C10 (Wire ID = 78252)	Property Name Name Property Name Name Property Name Name Property Name Name Name	Property Value R2 Property Value R2 Property Value R2 Property Value R2 C10	
Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78197) Object C10: C10 (Wire ID = 78252)	Property Name Name	Property Value R2 Property Value R2 Property Value R2 Property Value C10 Property Value C10	
Object R2: R2 (Wire ID = 78177) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78197) Object C10: C10 (Wire ID = 78252) Object M10: M10 (Wire ID = 78785)	Property Name Name Property Name Name Property Name Name Property Name Name Property Name Name Name Name	Property Value R2 Property Value R2 Property Value R2 Property Value R2 Property Value R1 Property Value R1	
Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78197) Object C10: C10 (Wire ID = 78252)	Property Name Name	Property Value R2 Property Value R2 Property Value R2 Property Value C10 Property Value C10 Property Value C10 Property Value M10	
Object R2: R2 (Wire ID = 78177) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78181) Object C10: C10 (Wire ID = 78252) Object M10: M10 (Wire ID = 78785)	Property Name Name Property Name Name Property Name Name Property Name Name Property Name Name Name Name	Property Value R2 Property Value R2 Property Value R2 Property Value R2 Property Value R1 Property Value R1	
Object R2: R2 (Wire ID = 78177) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78181) Object C10: C10 (Wire ID = 78252) Object M10: M10 (Wire ID = 78785) Object M11: M11 (Wire ID = 78797)	Property Name Name Name	Property Value R2 Property Value R2 Property Value R2 Property Value C10 Property Value C10 Property Value M10 Property Value M11	
Object R2: R2 (Wire ID = 78177) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78181) Object R2: R2 (Wire ID = 78197) Object C10: C10 (Wire ID = 78252) Object M10: M10 (Wire ID = 78785)	Property Name Name	Property Value R2 Property Value R2 Property Value R2 Property Value C10 Property Value C10 Property Value C10 Property Value M10	

	la	la .v.
Object L2 : L2 (Wire ID = 78820)	Property Name	Property Value
EE : EE (WIIC ID = 70020)	Name	L2
Object	Property Name	Property Value
L2 : L2 (Wire ID = 78831)	Name	L2
,	INdiffe	LZ
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
	1-	15
Object L3: L3 (Wire ID = 78876)	Property Name	Property Value
L3 : L3 (WIIE ID = 78676)	Name	L3
		15
Object P3 : P3 (Wire ID = 78880)	Property Name	Property Value
13.13 (WHE ID = 70000)	Name	P3
Object	Bronorty Name	Property Value
Object L3: L3 (Wire ID = 78884)	Property Name	•
	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	I Book and a N	Barren and a Mal
Object LINK_TX : LINK_TX (Wire ID = 79116)	Property Name	Property Value
ENTITY: ENTITY (WILD ID = 70110)	Name	LINK_TX
Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 79188)		VSENS VSENS
. ,	Name	VOEINO
Object	Property Name	Property Value
VSENS : VSENS (Wire ID = 79190)	Name	VSENS
· · · · · · · · · · · · · · · · · · ·	IVALITO	VOLINO
Object	Property Name	Property Value
VBUS : VBUS (Wire ID = 79243)	Name	VBUS

Ohioat	I Brancotti Nama	Dramarti Valica
Object VBUS: VBUS (Wire ID = 79245)	Property Name	Property Value
,	Name	VBUS
Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 79335)	Name	+3V3
	15	15
Object +3V3:+3V3 (Wire ID = 79491)	Property Name	Property Value
	Name	+3V3
Object	Property Name	Property Value
LINK_TX : LINK_TX (Wire ID = 79617)	Name	LINK_TX
	-	•
r	1-	1-
Object LINK_TX: LINK_TX (Wire ID = 79621)	Property Name	Property Value
LINK_TX : LINK_TX (WIFE ID = 79021)	Name	LINK_TX
Object	Property Name	Property Value
0:0 (Wire ID = 80065)	NODENAME	GND
0.0 (Wile ID = 00000)	Name	0
		•
<u> </u>	1-	1-
Object LINK_RX: LINK_RX (Wire ID = 80331)	Property Name	Property Value
LINK_KX : LINK_KX (WIFE ID = 00331)	Name	LINK_RX
Object	Property Name	Property Value
LINK_RX : LINK_RX (Wire ID = 80351)	Name	LINK_RX
		<u> </u>
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
	Name	EINI_IV
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
	TYGETTO	TOLIVOTTOLIC
Object	Property Name	Property Value
TCLK/SWCLK : TCLK/SWCLK (Wire ID = 80386)	Name	TCLK/SWCLK
Object	I Burnanta M	I Burney V.
Object TCLK/SWCLK: TCLK/SWCLK (Wire ID = 80390)	Property Name	Property Value
. I I STORY OF CONTRACT OF THE PROPERTY OF THE	Name	TCLK/SWCLK
Object	Property Name	Property Value
TMS/SWDIO : TMS/SWDIO (Wire ID = 80413)	Name	TMS/SWDIO
<u> </u>	•	· · · · · · · · · · · · · · · · · · ·

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
	1=	1-
Object TMS/SWDIO: TMS/SWDIO (Wire ID = 80425)	Property Name	Property Value
TMO/OVERS : TMO/OVERS (VIIIO ID = 00420)	Name	TMS/SWDIO
Object	Property Name	Property Value
TDO/SWO : TDO/SWO (Wire ID = 80448)	Name	TDO/SWO
	rame	156,6116
Object	Property Name	Property Value
TDO/SWO : TDO/SWO (Wire ID = 80452)	Name	TDO/SWO
	15	In
Object TDO/SWO: TDO/SWO (Wire ID = 80456)	Property Name	Property Value
120/6W6 : 120/6W6 (Wild 12 = 00400)	Name	TDO/SWO
Object	Property Name	Property Value
TDO/SWO : TDO/SWO (Wire ID = 80460)	Name	TDO/SWO
	Hamo	156,6116
Object	Property Name	Property Value
0 : 0 (Wire ID = 80482)	NODENAME	GND
	Name	0
Object	Dranauty Name	Dremonty Volus
Object	Property Name	Property Value
0:0 (Wire ID = 80486)	NODENAME Name	GND 0
	INdiffe	0
Object	Property Name	Property Value
0 : 0 (Wire ID = 81025)	NODENAME	GND
,	Name	0
	T5 . N	
Object NRST: NRST (Wire ID = 81671)	Property Name	Property Value
TAKOT : TAKOT (WIIC ID = 01011)	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
	Ta	15
Object NRST: NRST (Wire ID = 81692)	Property Name	Property Value
	Name	NRST

Ohioot	Dranauty Nama	Dramanty Value
Object NRST: NRST (Wire ID = 81696)	Property Name	Property Value
(Wile ID = 01030)	Name	NRST
Object	Property Name	Property Value
TDI: TDI (Wire ID = 81708)	Name	TDI
	•	
Object	Property Name	Property Value
TDI : TDI (Wire ID = 81710)		TDI
,	Name	וטו
C	T =	1-
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)		VBUS
,	Name	VBUS
	1	.
Object	Property Name	Property Value
0 : 0 (Wire ID = 138025)	NODENAME	GND
	Name	0
	•	
	Property Name	Property Value
Object		
Object		
0:0 (Wire ID = 138029)	NODENAME	GND
	NODENAME	GND
0:0 (Wire ID = 138029)	NODENAME Name	GND 0
0:0 (Wire ID = 138029) Object	NODENAME Name Property Name	GND 0 Property Value
0:0 (Wire ID = 138029)	NODENAME Name	GND 0
0:0 (Wire ID = 138029) Object	NODENAME Name Property Name	GND 0 Property Value
0:0 (Wire ID = 138029) Object +3V3:+3V3 (Wire ID = 138033)	NODENAME Name Property Name Name	Property Value +3V3
0:0 (Wire ID = 138029) Object +3V3:+3V3 (Wire ID = 138033) Object	NODENAME Name Property Name	GND 0 Property Value
0:0 (Wire ID = 138029) Object +3V3:+3V3 (Wire ID = 138033)	NODENAME Name Property Name Name	Property Value +3V3
0:0 (Wire ID = 138029) Object +3V3:+3V3 (Wire ID = 138033) Object	NODENAME Name Property Name Name Property Name	Property Value +3V3 Property Value
0:0 (Wire ID = 138029) Object +3V3:+3V3 (Wire ID = 138033) Object	NODENAME Name Property Name Name Property Name	Property Value +3V3 Property Value
0:0 (Wire ID = 138029) Object +3V3:+3V3 (Wire ID = 138033) Object +3V3:+3V3 (Wire ID = 138037)	NODENAME Name Property Name Name Property Name Name	Property Value +3V3 Property Value +3V3
0:0 (Wire ID = 138029) Object +3V3:+3V3 (Wire ID = 138033) Object +3V3:+3V3 (Wire ID = 138037)	NODENAME Name Property Name Name Property Name Name Property Name	Property Value +3V3 Property Value +3V3 Property Value +3V3
0:0 (Wire ID = 138029) Object +3V3:+3V3 (Wire ID = 138033) Object +3V3:+3V3 (Wire ID = 138037)	NODENAME Name Property Name Name Property Name Name	Property Value +3V3 Property Value +3V3
0:0 (Wire ID = 138029) Object +3V3:+3V3 (Wire ID = 138033) Object +3V3:+3V3 (Wire ID = 138037)	NODENAME Name Property Name Name Property Name Name Property Name	Property Value +3V3 Property Value +3V3 Property Value +3V3
0:0 (Wire ID = 138029) Object +3V3:+3V3 (Wire ID = 138033) Object +3V3:+3V3 (Wire ID = 138037) Object +3V3:+3V3 (Wire ID = 138041)	NODENAME Name Property Name Name Property Name Name Property Name Name	Property Value +3V3 Property Value +3V3 Property Value +3V3
O: 0 (Wire ID = 138029) Object +3V3:+3V3 (Wire ID = 138033) Object +3V3:+3V3 (Wire ID = 138037) Object +3V3:+3V3 (Wire ID = 138041)	NODENAME Name Property Name Name Property Name Name Property Name Name Property Name Name	Property Value +3V3 Property Value +3V3 Property Value +3V3 Property Value +3V3
0:0 (Wire ID = 138029) Object +3V3:+3V3 (Wire ID = 138033) Object +3V3:+3V3 (Wire ID = 138037) Object +3V3:+3V3 (Wire ID = 138041)	NODENAME Name Property Name Name Property Name Name Property Name Name	Property Value +3V3 Property Value +3V3 Property Value +3V3
O: 0 (Wire ID = 138029) Object +3V3:+3V3 (Wire ID = 138033) Object +3V3:+3V3 (Wire ID = 138037) Object +3V3:+3V3 (Wire ID = 138041)	NODENAME Name Property Name Name Property Name Name Property Name Name Property Name Name	Property Value +3V3 Property Value +3V3 Property Value +3V3 Property Value +3V3
O: 0 (Wire ID = 138029) Object +3V3: +3V3 (Wire ID = 138033) Object +3V3: +3V3 (Wire ID = 138037) Object +3V3: +3V3 (Wire ID = 138041) Object +3V3: +3V3 (Wire ID = 138041)	NODENAME Name Property Name Name Property Name Name Property Name Name Property Name Name Name	Property Value +3V3 Property Value +3V3 Property Value +3V3 Property Value +3V3
O: 0 (Wire ID = 138029) Object +3V3: +3V3 (Wire ID = 138033) Object +3V3: +3V3 (Wire ID = 138037) Object +3V3: +3V3 (Wire ID = 138041) Object +3V3: +3V3 (Wire ID = 138045)	NODENAME Name Property Name Name Property Name Name Property Name Name Property Name Name	Property Value +3V3 Property Value +3V3 Property Value +3V3 Property Value +3V3
O: 0 (Wire ID = 138029) Object +3V3: +3V3 (Wire ID = 138033) Object +3V3: +3V3 (Wire ID = 138037) Object +3V3: +3V3 (Wire ID = 138041) Object +3V3: +3V3 (Wire ID = 138041)	NODENAME Name Property Name Name Property Name Name Property Name Name Property Name Name Name	Property Value +3V3 Property Value +3V3 Property Value +3V3 Property Value +3V3
O: 0 (Wire ID = 138029) Object +3V3: +3V3 (Wire ID = 138033) Object +3V3: +3V3 (Wire ID = 138037) Object +3V3: +3V3 (Wire ID = 138041) Object +3V3: +3V3 (Wire ID = 138045)	Property Name Name	Property Value +3V3
Object +3V3:+3V3 (Wire ID = 138033) Object +3V3:+3V3 (Wire ID = 138037) Object +3V3:+3V3 (Wire ID = 138041) Object +3V3:+3V3 (Wire ID = 138041) Object +3V3:+3V3 (Wire ID = 138045)	Property Name Name	Property Value +3V3
O: 0 (Wire ID = 138029) Object +3V3: +3V3 (Wire ID = 138033) Object +3V3: +3V3 (Wire ID = 138037) Object +3V3: +3V3 (Wire ID = 138041) Object +3V3: +3V3 (Wire ID = 138041) Object VBUS: VBUS (Wire ID = 138049)	Property Name Name Name	Property Value +3V3
O: 0 (Wire ID = 138029) Object +3V3: +3V3 (Wire ID = 138033) Object +3V3: +3V3 (Wire ID = 138037) Object +3V3: +3V3 (Wire ID = 138041) Object +3V3: +3V3 (Wire ID = 138045) Object VBUS: VBUS (Wire ID = 138049)	Property Name Name Property Name Name	Property Value +3V3 Property Value +3V3
O: 0 (Wire ID = 138029) Object +3V3: +3V3 (Wire ID = 138033) Object +3V3: +3V3 (Wire ID = 138037) Object +3V3: +3V3 (Wire ID = 138041) Object +3V3: +3V3 (Wire ID = 138041) Object VBUS: VBUS (Wire ID = 138049)	Property Name Name Name	Property Value +3V3

Object	Property Name	Property Value
0 : 0 (Wire ID = 138129)	NODENAME	GND
0.0 (Wile ID = 130129)	Name	0
	•	
Object	Property Name	Property Value
	NODENAME	GND
0 : 0 (Wire ID = 138133)	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
	Name	1000
Object	Property Name	Property Value
+3V3 : +3V3 (Wire ID = 141222)	Name	+3V3
	reame	1000
Ohinat	I Draw auto Nama	Duamanti Valua
Object +3V3 : +3V3 (Wire ID = 141226)	Property Name	Property Value
,	Name	+3V3
Obline	I Burney Manager	I Brown out o Wolone
Object +3V3:+3V3 (Wire ID = 141230)	Property Name	Property Value
	Name	+3V3
Obline	I Burney to Name	I Brown out o Wolone
Object +3V3 : +3V3 (Wire ID = 141234)	Property Name	Property Value
,	Name	+3V3
Ohioat	I Duran auto Nama	Duamanti Valua
Object +3V3 : +3V3 (Wire ID = 141238)	Property Name	Property Value
, ,	Name	+500
Ohioot	Droporty Name	Dronorty Velve
Object	Property Name NODENAME	Property Value GND
0:0 (Wire ID = 141458)	Name	0
		1 -
Object	Property Name	Property Value
0 : 0 (Wire ID = 141462)	NODENAME	GND
0.0 (WIIO ID - 171702)	Name	0
Object	Property Name	Property Value
0:0 (Wire ID = 141466)	NODENAME Name	GND 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
0.0 (Wile ID = 141402)	Name	0
	·	
Object	Property Name	Property Value
0 : 0 (Wire ID = 141486)	NODENAME	GND
0.0 (Wile ID = 141400)	Name	0
	•	-
Object	Property Name	Property Value
0:0 (Wire ID = 141490)	NODENAME	GND
0.0 (Wile ID = 141490)	Name	0
	•	•
Object VBUS: VBUS (Wire ID = 148327)	Property Name	Property Value
VB00 : VB00 (Wile ID = 140321)	Name	VBUS
Object	Property Name	Property Value
DN : DN (Wire ID = 148355)	Name	DN
Object	Property Name	Property Value
Object SWDIO/PA13 : SWDIO/PA13 (Wire ID = 148)	Property Name Name	Property Value SWDIO/PA13
Object SWDIO/PA13 : SWDIO/PA13 (Wire ID = 148	2264)	
SWDIO/PA13 : SWDIO/PA13 (Wire ID = 148	Name	SWDIO/PA13
SWDIO/PA13 : SWDIO/PA13 (Wire ID = 148	Name Property Name	SWDIO/PA13 Property Value
SWDIO/PA13 : SWDIO/PA13 (Wire ID = 148	Property Name NODENAME	Property Value GND
SWDIO/PA13 : SWDIO/PA13 (Wire ID = 148	Name Property Name	SWDIO/PA13 Property Value
Object 0:0 (Wire ID = 148367)	Property Name NODENAME Name	Property Value GND 0
SWDIO/PA13 : SWDIO/PA13 (Wire ID = 148	Property Name NODENAME Name Property Name	Property Value GND 0 Property Value
SWDIO/PA13 : SWDIO/PA13 (Wire ID = 148 Object 0 : 0 (Wire ID = 148367)	Property Name Nodename Nodename Property Name Name Property Name Nodename	Property Value GND 0 Property Value GND O O O O O O O O O O O O O
Object Object Object	Property Name NODENAME Name Property Name	Property Value GND 0 Property Value
Object Object Object	Property Name Nodename Nodename Property Name Name Property Name Nodename	Property Value GND 0 Property Value GND O O O O O O O O O O O O O
Object O: 0 (Wire ID = 148367) Object O: 0 (Wire ID = 148371) Object	Property Name Nodename Nodename Property Name Name Property Name Nodename	Property Value GND 0 Property Value GND O O O O O O O O O O O O O
Object 0:0 (Wire ID = 148367) Object 0:0 (Wire ID = 148367)	Property Name NODENAME Name Property Name NODENAME Name NODENAME Name	Property Value GND 0 Property Value GND 0 O
Object O: 0 (Wire ID = 148367) Object O: 0 (Wire ID = 148371) Object	Property Name NODENAME Name Property Name NODENAME Name Property Name NODENAME Name Property Name	Property Value GND 0 Property Value GND 0 Property Value GND 0
Object O: 0 (Wire ID = 148367) Object O: 0 (Wire ID = 148371) Object	Property Name NODENAME Name Property Name NODENAME Name Property Name NODENAME Name Property Name	Property Value GND 0 Property Value GND 0 Property Value GND 0

Object	Property Name	Property Value
	NODENAME	GND
	Name	0
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	0
	PSpiceOnly	TRUE
		<u> </u>
Object	Property Name	Property Value
	NODENAME	GND
	Name	0
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	0
	PSpiceOnly	TRUE
Object	Property Name	Property Value
	Name	+3V3
+3V3	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	VCC_ARROW
Object	Property Name	Property Value
	Name	+3V3
+3V3	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	VCC_ARROW
Object	Property Name	Property Value
	NODENAME	GND
	Name	0
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	0
	PSpiceOnly	TRUE
	Describe Mona	The control of the co
Object	Property Name	Property Value
VSENS	Name	VSENS
VOLINO	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	VCC_ARROW
Object	Property Name	Property Value
00,000	Name	+3/3
+3V3	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OI
	Source Symbol	VCC_ARROW
	Course Symbol	VOC_ARROW
Object	Property Name	Property Value
	Name	VEENE

VSENS

VCC_ARROW

C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB

Property Value SWCLK/PA14

Object SWCLK/PA14 : SWCLK/PA14 (Wire ID = 148385

Property Name

Name

Source Library

Source Symbol

VSENS

Object	Property Name	Property Value	1
0.0,000	Name	+3V3	†
+3V3	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY	ACAPSYM.OLB
	Source Symbol	VCC_ARROW	
			•
Object	Property Name	Property Value	1
Object			
	NODENAME Name	GND 0	ł
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY	ACADSVM OLB
	Source Symbol	0	ICAPOTIVI.OLD
	PSpiceOnly	TRUE	†
	1 opioce.ny	1100	1
Object	Proparty Name	Property Value	1
Object	Property Name		ł
+3V3	Name Source Library	+3V3	CARCYM OLD
		C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY	(CAPS) IVI.OLD
	Source Symbol	VCC_ARROW	J
	Γ-	T	1
Object	Property Name	Property Value	
	NODENAME	GND	ļ
0	Name	0	
U	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLB
	Source Symbol	0	
	PSpiceOnly	TRUE	J
Object	Property Name	Property Value]
	NODENAME	GND	
0	Name	0	
U	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLB
	Source Symbol	0	ļ
	Source Symbol PSpiceOnly	TRUE	ļ
	PSpiceOnly	TRUE	
Object	PSpiceOnly Property Name	Property Value	<u> </u>
Object	PSpiceOnly	Property Value GND]
	Property Name NODENAME Name	Property Value GND 0	
Object 0	Property Name NODENAME Name Source Library	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY	ICAPSYM.OLB
	Property Name NODENAME Name Source Library Source Symbol	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY 0	NCAPSYM.OLB
	Property Name NODENAME Name Source Library	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY) \CAPSYM.OLB
0	Property Name NODENAME Name Source Library Source Symbol PSpiceOnly	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY 0 TRUE	NCAPSYM.OLB
	Property Name NODENAME Name Source Library Source Symbol PSpiceOnly Property Name	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY 0 TRUE Property Value	NCAPSYM.OLB
0 Object	Property Name NODENAME Name Source Library Source Symbol PSpiceOnly Property Name Name	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY 0 TRUE Property Value VBUS]
0	Property Name NODENAME Name Source Library Source Symbol PSpiceOnly Property Name Name Source Library	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY 0 TRUE Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY]
Object	Property Name NODENAME Name Source Library Source Symbol PSpiceOnly Property Name Name Name	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY 0 TRUE Property Value VBUS]
Object	Property Name NODENAME Name Source Library Source Symbol PSpiceOnly Property Name Name Source Library Source Symbol	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY 0 TRUE Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY]
0 Object	Property Name NODENAME Name Source Library Source Symbol PSpiceOnly Property Name Name Source Library Source Symbol	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY 0 TRUE Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY VCC_ARROW Property Value]
Object VBUS	Property Name NODENAME Name Source Library Source Symbol PSpiceOnly Property Name Name Source Library Source Symbol	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY 0 TRUE Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY VCC_ARROW Property Value GND]
Object VBUS Object	Property Name NODENAME Name Source Library Source Symbol PSpiceOnly Property Name Name Source Library Source Symbol Property Name Name Name Source Symbol	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY 0 TRUE Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY VCC_ARROW Property Value GND 0	NCAPSYM.OLB
Object VBUS	Property Name NODENAME Name Source Library Source Symbol PSpiceOnly Property Name Name Source Library Source Symbol Property Name Name Source Symbol	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY 0 TRUE Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY VCC_ARROW Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY	NCAPSYM.OLB
Object VBUS Object	Property Name NODENAME Name Source Library Source Symbol PSpiceOnly Property Name Name Source Library Source Symbol Property Name Name Name Source Symbol	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY 0 TRUE Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY VCC_ARROW Property Value GND 0	NCAPSYM.OLB

Object	Property Name	Property Value
	Name	VBUS
VBUS	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYN
	Source Symbol	VCC_ARROW
	•	<u> </u>
Ohioet	Property Name	Dranarty Value
Object	Property Name	Property Value
	NODENAME	GND
0	Name Source Library	0
1	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYN
	Source Symbol	0
	PSpiceOnly	TRUE
Object	Property Name	Property Value
	NODENAME	GND
	Name	0
)	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	0
	PSpiceOnly	TRUE
		
Object	Property Name	Property Value
36,001	NODENAME	GND
	Name	0
)	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	0
	PSpiceOnly	TRUE
		1
Object	Property Name	Property Value
Object	NODENAME	GND
	Name	0
0	Name Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	0
	Source Symbol PSpiceOnly	TRUE
	гориссину	TRUE
	I Book Maria	1
Object	Property Name	Property Value
	NODENAME	GND
	Name	0
^		
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYN
0	Source Symbol	0
0	-	
	Source Symbol PSpiceOnly	0 TRUE
Object	Source Symbol PSpiceOnly Property Name	0 TRUE Property Value
	Source Symbol PSpiceOnly Property Name NODENAME	O TRUE Property Value GND
Object	Source Symbol PSpiceOnly Property Name NODENAME Name	Property Value GND 0
Object	Source Symbol PSpiceOnly Property Name NODENAME Name Source Library	O TRUE Property Value GND O C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYN
Object	Source Symbol PSpiceOnly Property Name NODENAME Name Source Library Source Symbol	O TRUE Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYN
Object	Source Symbol PSpiceOnly Property Name NODENAME Name Source Library	O TRUE Property Value GND O C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYN
	Source Symbol PSpiceOnly Property Name NODENAME Name Source Library Source Symbol	O TRUE Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYN
Object	Source Symbol PSpiceOnly Property Name NODENAME Name Source Library Source Symbol	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYN 0 TRUE Property Value
Object Object	Source Symbol PSpiceOnly Property Name NODENAME Name Source Library Source Symbol PSpiceOnly	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYN 0 TRUE Property Value +3V3
Object	Source Symbol PSpiceOnly Property Name NODENAME Name Source Library Source Symbol PSpiceOnly Property Name	Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYN 0 TRUE Property Value

Object	Property Name	Property Value	
	NODENAME	GND	
	Name	0	
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAF	APSYM.OLB
	Source Symbol	0	
	PSpiceOnly	TRUE	
	• • •		
Object	Property Name	Property Value	
	NODENAME	GND	
	Name	0	
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAF	APSYM.OLB
	Source Symbol	0	
	PSpiceOnly	TRUE	
	•	-	
Object	Property Name	Property Value	
•	NODENAME	GND	
	Name	0	
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAF	APSYM.OLB
	Source Symbol	0	
	PSpiceOnly	TRUE	
	1 -1 -2		
Object	Property Name	Property Value	
	NODENAME	GSENSE	
	Name	0	
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAF	APSYM.OLB
	Source Symbol	0	
	PSpiceOnly	TRUE	
	• • •		
Object	Property Name	Property Value	
	NODENAME	GND	
	Name	0	
	Hamo		
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAF	\PSYM.OLB
0			APSYM.OLB
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAF	APSYM.OLB
0	Source Library Source Symbol	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY CAI	APSYM.OLB
Object	Source Library Source Symbol	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY CAI	APSYM.OLE
	Source Library Source Symbol PSpiceOnly	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAI 0 TRUE	APSYM.OLE
Object	Source Library Source Symbol PSpiceOnly Property Name	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY\CAI 0 TRUE Property Value	APSYM.OLE
	Source Library Source Symbol PSpiceOnly Property Name NODENAME	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY\CAI 0 TRUE Property Value GND	
Object	Source Library Source Symbol PSpiceOnly Property Name NODENAME Name	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY\CAI 0 TRUE Property Value GND 0	
Object	Source Library Source Symbol PSpiceOnly Property Name NODENAME Name Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY 0 TRUE Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY CAI	
Object	Source Library Source Symbol PSpiceOnly Property Name NODENAME Name Source Library Source Symbol	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY 0 TRUE Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY 0	
Object	Source Library Source Symbol PSpiceOnly Property Name NODENAME Name Source Library Source Symbol	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY 0 TRUE Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRARY 0	
Object Object	Source Library Source Symbol PSpiceOnly Property Name NODENAME Name Source Library Source Symbol PSpiceOnly	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY CAI 0 TRUE Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY (CAI 0 TRUE	
Object	Source Library Source Symbol PSpiceOnly Property Name NODENAME Name Source Library Source Symbol PSpiceOnly Property Name	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY 0 TRUE Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY 0 TRUE Property Value	APSYM.OLB

Property Value

C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB

GND

TRUE

Property Name

Source Symbol

PSpiceOnly

Name

Object

0

Object	Property Name	Property Value	7
00,000	Name	VBUS	†
VBUS	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR\	MCAPSYM.OLB
	Source Symbol	VCC_ARROW	1
	1	•	_
Object	Property Name	Property Value	7
	Name	+3V3	1
+3V3	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR\	MCAPSYM.OLB
	Source Symbol	VCC_ARROW]
Object	Property Name	Property Value	1
	Name	VSENS]
VSENS	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR\	MCAPSYM.OLE
	Source Symbol	VCC_ARROW	
Object	Property Name	Property Value]
	NODENAME	GND	1
0	Name	0	1
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR	YCAPSYM.OLE
	Source Symbol	0	1
	PSpiceOnly	TRUE	J
Object	Property Name	Property Value]
VSENS	Name	VSENS	4
VOLINO	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR\	YNCAPSYM.OLE
	Source Symbol	VCC_ARROW	J
Object	Proporty Namo	Property Value	1
Object	Property Name	Property Value]
Object	NODENAME	GSENSE]
	NODENAME Name	GSENSE 0	YICAPSYM OLP
	NODENAME Name Source Library	GSENSE	Y\CAPSYM.OLB
	NODENAME Name	GSENSE 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR	YICAPSYM.OLB
Object	NODENAME Name Source Library Source Symbol	GSENSE 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR' 0	MCAPSYM.OLB
0	NODENAME Name Source Library Source Symbol	GSENSE 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LiBRAR' 0	YCAPSYM.OLE
0	NODENAME Name Source Library Source Symbol PSpiceOnly	GSENSE 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR' 0 TRUE	YCAPSYM.OLE
0 Object	NODENAME Name Source Library Source Symbol PSpiceOnly Property Name	GSENSE 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR' 0 TRUE Property Value	YACAPSYM.OLE
0 Object	NODENAME Name Source Library Source Symbol PSpiceOnly Property Name NODENAME	GSENSE 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR' 0 TRUE Property Value GND]
0 Object	NODENAME Name Source Library Source Symbol PSpiceOnly Property Name NODENAME Name Source Library Source Symbol	GSENSE 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR' 0 TRUE Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR' 0]
0 Object	NODENAME Name Source Library Source Symbol PSpiceOnly Property Name NODENAME Name Source Library	GSENSE 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR' 0 TRUE Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR']
Object	NODENAME Name Source Library Source Symbol PSpiceOnly Property Name NODENAME Name Source Library Source Symbol PSpiceOnly	GSENSE 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR' 0 TRUE Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR' 0 TRUE]
Object	NODENAME Name Source Library Source Symbol PSpiceOnly Property Name NODENAME Name Source Library Source Symbol	GSENSE 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR' 0 TRUE Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR' 0]
Object Object	NODENAME Name Source Library Source Symbol PSpiceOnly Property Name NODENAME Name Source Library Source Symbol PSpiceOnly	GSENSE 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR' 0 TRUE Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR' 0 TRUE Property Value +3V3	YICAPSYM.OLB
	NODENAME Name Source Library Source Symbol PSpiceOnly Property Name NODENAME Name Source Library Source Symbol PSpiceOnly Property Name	GSENSE 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR' 0 TRUE Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR' 0 TRUE Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRAR' 0 TRUE	YICAPSYM.OLB

Property Value

C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY
VCC_ARROW

CAPSYM.OLB

VSENS

Property Name

Source Library Source Symbol

Name

Object

VSENS

Object	Property Name	Property Value
	NODENAME	GND
	Name	0
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY
	Source Symbol	0
	PSpiceOnly	TRUE
Object	Property Name	Property Value
	NODENAME	GND
	Name	0
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY
	Source Symbol	0
	PSpiceOnly	TRUE
Object	Property Name	Property Value
	Name	VSENS
VSENS	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY
	Source Symbol	VCC_ARROW
	•	
Object	Property Name	Property Value
•	Name	VSENS
VSENS	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY
	Source Symbol	VCC_ARROW
	Godiec Cymbei	VOO_ARROW
Ohject		
Object	Property Name	Property Value
Object VBUS	Property Name Name	Property Value VBUS
	Property Name Name Source Library	Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY
	Property Name Name	Property Value VBUS
VBUS	Property Name Name Source Library Source Symbol	Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW
VBUS	Property Name Name Source Library Source Symbol Property Name	Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value
VBUS	Property Name Name Source Library Source Symbol Property Name Name	Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value +3V3
VBUS Object	Property Name Name Source Library Source Symbol Property Name Name Source Library	Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value +3V3 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY
VBUS Object	Property Name Name Source Library Source Symbol Property Name Name	Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value +3V3
Object +3V3	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol	Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value +3V3 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW
Object +3V3	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name	Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value +3V3 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value
Object +3V3	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Nource Symbol	Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value +3V3 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW
Object +3V3	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Nource Symbol	Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value +3V3 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value GND 0
Object +3V3 Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name NODENAME Name Source Library	Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value +3V3 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY
Object +3V3	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name Nource Symbol	Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value +3V3 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value GND 0
Object +3V3 Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name NODENAME Name Source Library Source Symbol	Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value +3V3 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY 0
Object +3V3 Object 0	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name NODENAME Name Source Library Source Symbol	Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value +3V3 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY 0
Object Object Object Object	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name NODENAME Name Source Library Source Symbol PspiceOnly	Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value +3V3 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY 0 TRUE
Object +3V3	Property Name Name Source Library Source Symbol Property Name Name Source Library Source Symbol Property Name NODENAME Name Source Library Source Symbol PspiceOnly Property Name	Property Value VBUS C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value +3V3 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY VCC_ARROW Property Value GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSY 0 TRUE Property Value

Property Name

Source Library Source Symbol

Name

Property Value

C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY
VCC_ARROW

CAPSYM.OLB

VBUS

Object

VBUS

	PSpiceOnly	TRUE
Object	Property Name	Property Value
	NODENAME	GND
	Name	0
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OI
	Source Symbol	0
	PSpiceOnly	TRUE
	·	
Object	Property Name	Property Value
	NODENAME	GND
	Name	0
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OI
	Source Symbol	0
	PSpiceOnly	TRUE
Object	Property Name	Property Value
	NODENAME	GND
	Name	0
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OI
	Source Symbol	0
	PSpiceOnly	TRUE
Object	Property Name	Property Value
VBUS	Name	VBUS
VBUS	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OI
	Source Symbol	VCC_ARROW
Object	Property Name	Property Value
VSENS	Name	VSENS
VOENO	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OI
	Source Symbol	VCC_ARROW
Object	Property Name	Property Value
+3V3	Name	+3V3
TOVO	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OI
	Source Symbol	VCC_ARROW
Ohioat	Dranasty Nama	Dramanty Value
Object	Property Name	Property Value
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OI
	Source Symbol	VCC_ARROW

Property Value

Property Value

VCC_ARROW

C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB

C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB

GND

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Property Name

Property Name

Source Library Source Symbol

NODENAME

Source Library

Source Symbol

Name

Object

Object

+3V3

0

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Object	Property Name	Property Value
+3V3	Name	+3V3
1010	Source Library	C:\CADENCE\SPB_23.1\TOOL\$\CAPTURE\LIBRARY\CAP\$YM.OL
	Source Symbol	VCC_ARROW
Ohioot	Dranarty Nama	Property Value
Object	Property Name	
+3V3	Name	+3V3
	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	VCC_ARROW
Object	Property Name	Property Value
Object	Name	+3V3
+3V3	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	VCC_ARROW
	Source Symbol	VCC_ARROW
Object	Property Name	Property Value
Object	Name	+3\/3
+3V3	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	VCC_ARROW
	Source Symbol	VOO_HINOW
Object	Property Name	Property Value
	NODENAME	GND
	Name	0
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	0
	PSpiceOnly	TRUE
	1 2 2 2	
Object	Property Name	Property Value
•	NODENAME	GND
	Name	0
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	0
	PSpiceOnly	TRUE
	<u> </u>	
Object	Property Name	Property Value
•	NODENAME	GND
	Name	0
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	0
	PSpiceOnly	TRUE
Object	Property Name	Property Value
	NODENAME	GND
	Name	0
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Courte Library	O. IONDERIOE IONDESIGNATION FOR PRINCIPLE OF THE ION PORT OF WHOLE

TRUE

PSpiceOnly

Object	Property Name	Property Value	
	NODENAME	GND	
	Name	0	
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\C	CAPSYM.OLB
	Source Symbol	0	
	PSpiceOnly	TRUE	
	1 -1 -1 -1		
Ohioot	Drawauty Nama	Dramarty Value	
Object	Property Name NODENAME	Property Value	
		GND	
0	Name	0	
	Source Library Source Symbol	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\C	JAPS TWI.ULB
	PSpiceOnly	TRUE	
Object	Property Name	Property Value	
	NODENAME	GND	
0	Name	0	
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\C	CAPSYM.OLB
	Source Symbol	0	
	PSpiceOnly	TRUE	
Object	Property Name	Property Value	
	NODENAME	GND	
	Name	0	
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\C	CAPSYM.OLB
	Source Symbol	0	
	PSpiceOnly	TRUE	
Object	Property Name	Property Value	
	NODENAME	GND	
	Name	0	
0	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\C	CAPSYM.OLB
	Source Symbol	0	
	PSpiceOnly	TRUE	
	1 -1 7		
Object	Property Name	Property Value	
Object	Name	VBUS	
VBUS	Source Library	C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\C	CARSVM OLB
	Source Symbol	VCC_ARROW	JAF STW.OLD
	Source Symbol	VCC_ARROW	
	15		
Object	Property Name	Property Value	
Object	NODENAME	GND	
	NODENAME Name	GND 0	
Object	NODENAME Name Source Library	GND 0 C:\CADENCE\SPB_23.1\TOOLS\CAPTURE\LIBRARY\C	CAPSYM.OLB
	NODENAME Name	GND 0	CAPSYM.OLB

Object	Property Name	Property Value]
	Path Name	TitleBlock0]
	Schematic Path	1]
	ID	1]
	Doc	0.1] .
	OrgAddr4		
	OrgAddr3] .
	OrgAddr2		1
	OrgAddr1		1
	OrgName]
	Cage Code		1
	RevCode	Α] .
	Title	ST-Link V3] .
	Name	TitleBlock0]
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	Design Modify Date	Tuesday, July 23, 2024	
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	Page Modify Date	Tuesday, July 23, 2024	
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Object	Property Name	Property Value	
	Name	INS51921	
	ID	579	
	Reference	R13	
	Designator		
	Part Reference	R13	
	Value	100	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
INS51921 : R13	Implementation		
	Implementation Path		
	PCB Footprint	ERA6AEB1020V	
	Mouser Part Number	667-ERA-6ARB472V	
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-E	RA-6AR
	Manufacturer_Name	Panasonic	
	Manufacturer_Part_Number	ERA-6ARB472V	
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q	200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB-	₽72V.pd
	Height	0.6 mm	

Object	Property Name	Property Value
1 : R13/1	Name	1
	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N52750
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R13/2	Туре	Passive
	Net Name	D15
	Order	1
	Is No Connect	False

Object	Property Name	Property Value]
	Name	INS20199	İ I
	ID	334	<u> </u>
	Reference	R10]
	Designator]
	Part Reference	R10]
	Value	10K]
	Primitive	DEFAULT]
	Implementation Type	<none></none>]
INS20199 : R10	Implementation]
	Implementation Path]
	PCB Footprint	ERA6AEB1020V]
	Mouser Part Number	667-ERA-6ARB472V]
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword	d=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/ER	A-6ARB472V.pdf
	Height	0.6 mm]

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

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

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

Object	Property Name	Property Value
	Name	CC1
	Number	A5
	Swap Id	-1
CC1 : J2/CC1	Туре	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
	Туре	Passive
	Net Name	DP
	Order	3
	Is No Connect	False

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

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

Object	Property Name	Property Value
	Name	VBUS_2
	Number	A9
	Swap Id	-1
VBUS_2: J2/VBUS_2	Туре	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
	Туре	Passive
	Net Name	0
	Order	7
	Is No Connect	False

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

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

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	INS24194
	ID	371
	Reference	C5
	Designator	
	Part Reference	C5
	Value	2.2uF
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS24194 : C5	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033
i	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/p
	Height	0.33 mm

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

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

Object	Property Name	Property Value
-	Name	INS78948
	ID	781
	Reference	D2
	Designator	
	Part Reference	D2
	Value	SMF05C.TCT
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS78948 : D2	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,
	Manufacturer_Part_Number	SMF05C.TCT
	Manufacturer_Name	SEMTECH
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Semtech/SMF05C.TCT?qs
	Mouser Part Number	947-SMF05C.TCT

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

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

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

Object	Property Name	Property Value
	Name	CATHODE_5
	Number	6
	Swap Id	-1
CATHODE_5 : D2/CATHODE_5	Туре	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
	Туре	Passive
	Net Name	LINK_TX
	Order	4
	Is No Connect	False

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

Object	Property Name	Property Value	
	Name	INS66942	
	ID	634	
	Reference	J3	
	Designator		
	Part Reference	J3	
	Value	08-0625-70	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
INS66942 : J3	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-1	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/08-0	0625-70?
	Mouser Part Number	535-08-0625-70	

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

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

Object	Property Name	Property Value
	Name	3
	Number	3
3: J3/3	Swap Id	-1
	Туре	Passive
	Net Name	+3V3
	Order	2
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	5
	Number	5
	Swap Id	4
5 : J3/5	Туре	Passive
	Net Name	TCLK/SWCLK
	Order	4
	Is No Connect	False

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

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

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

Object	Property Name	Property Value
	Name	INS141240
	ID	843
	Reference	C8
	Designator	
	Part Reference	C8
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS141240 : C8	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033
	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/liprary/catalog/p
	Height	0.33 mm

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

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

Object	Property Name	Property Value
	Name	INS77865
	ID	749
	Reference	R16
	Designator	
	Part Reference	R16
	Value	100
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS77865 : R16	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
	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-6ARB472
	Height	0.6 mm

Object	Property Name	Property Value
	Name	1
	Number	1
1:R16/1	Swap Id	-1
	Туре	Passive
	Net Name	L2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R16/2	Swap Id	-1
	Туре	Passive
	Net Name	TMS/SWDIO
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS51855
	ID	576
	Reference	LED2
	Designator	
	Part Reference	LED2
	Value	SM0603SRC
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS51855 : LED2	Implementation	
	Implementation Path	
	PCB Footprint	SM0603SRC
	Height	0.8 mm
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/SMD603SRC.p
	Description	Standard LEDs - SMD Super Red 660nm Water Clear SURFACE
	Manufacturer_Part_Number	SM0603SRC
	Manufacturer_Name	Bivar
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Bivar/SM0603SRC?qs=E
	Mouser Part Number	749-SM0603SRC

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

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

Object	Property Name	Property Value
	Name	INS141360
	ID	840
	Reference	C13
	Designator	
	Part Reference	C13
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS141360 : C13	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033
	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/liprary/catalog/p
	Height	0.33 mm

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

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

Object	Property Name	Property Value	
	Name	INS51142	
	ID	569	
	Reference	R5	
	Designator		
	Part Reference	R5	
	Value	100	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
INS51142 : R5	Implementation		
	Implementation Path		
	PCB Footprint	ERA6AEB1020V	
	Mouser Part Number	667-ERA-6ARB472V	
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-ER	₹A-6AR
	Manufacturer_Name	Panasonic	
	Manufacturer_Part_Number	ERA-6ARB472V	
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q2	200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB47	72V.pd
	Height	0.6 mm	

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

Object	Property Name	Property Value
	Name	2
	Number	2
2:R5/2	Swap Id	-1
	Туре	Passive
	Net Name	0
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS4120	i l
	ID	223	
	Reference	R2	
	Designator		i l
	Part Reference	R2	i l
	Value	4.7K	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	i l
INS4120 : R2	Implementation		
	Implementation Path		
	PCB Footprint	ERA6AEB1020V	i l
	Mouser Part Number	667-ERA-6ARB472V	
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword	=667-ERA-6ARE
	Manufacturer_Name	Panasonic	i I
	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/ER	A-6ARB472V.pdf
	Height	0.6 mm	

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

Object	Property Name	Property Value
	Name	2
	Number	2
2:R2/2	Swap Id	-1
	Туре	Passive
	Net Name	PA0
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS4897	
	ID	231	
	Reference	S1	
	Designator	A	
	Part Reference	S1A	
	Value	PCM12SMTR	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
INS4897 : S1	Implementation		
	Implementation Path		
	PCB Footprint	PCM12SMTR	
	Mouser Part Number	611-PCM12SMTR	
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/CK/PCM12SMTR?qs=m	nfFuHy
	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
	Name	NC
	Number	1
	Swap Id	-1
NC: S1/NC	Туре	Passive
	Net Name	
	Order	0
	Is No Connect	True

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

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

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

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

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

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

Object	Property Name	Property Value	
	Name	INS39464	
	ID	482	
	Reference	Y1	
	Designator		
	Part Reference	Y1	
	Value	ASE-25.000MHZ-LC-T	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
INS39464 : Y1	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 CMC)S 15
	Manufacturer_Part_Number	ASE-25.000MHZ-LC-T	
	Manufacturer_Name	ABRACON	
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/ABRACON/A\$E-25.000M	ΛHZ-I
	Mouser Part Number	815-ASE25.000MHZLCT	

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

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

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

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

Object	Property Name	Property Value
	Name	INS138099
	ID	817
	Reference	C4
	Designator	
	Part Reference	C4
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS138099 : C4	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM0
	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/liprary/catalog
	Height	0.33 mm

Object	Property Name	Property Value	
	Name	1	
	Number	1	
	Swap Id	4	
1 : C4/1	Туре	Passive	
	Net Name	0	
	Order	0	
	Is No Connect	False	

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

Object	Property Name	Property Value
•	Name	INS141312
	ID	849
	Reference	C11
	Designator	
	Part Reference	C11
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS141312 : C11	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033D
	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
	Name	1
	Number	1
	Swap Id	4
1 : C11/1	Туре	Passive
	Net Name	0
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	INS148329
	ID	869
	Reference	D1
	Designator	
	Part Reference	D1
	Value	SRV05-4ATCT
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS148329 : D1	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/SRV05-4ATC
	Mouser Part Number	947-SRV05-4ATCT

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

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

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

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

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

Object	Property Name	Property Value
	Name	1/04
	Number	4
I/O4 : D1/I/O4	Swap Id	-1
	Туре	Passive
	Net Name	SWCLK/PA14
	Order	5
	Is No Connect	False

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

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

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

Object	Property Name	Property Value	
	Name	INS5785	
	ID	241	Ţ
	Reference	J1	Ţ
	Designator		Ţ
	Part Reference	J1	Ţ
	Value	280372-1	Ţ
	Primitive	DEFAULT	Ţ
	Implementation Type	<none></none>	Ţ
INS5785 : J1	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	:y/280372-1?qs=
	Manufacturer_Name	TE Connectivity	
	Manufacturer_Part_Number	280372-1	
	Description	Body Features: Primary Product Color Black Connector	or Profile Standa
	Datasheet Link	http://www.te.com/commerce/DocumentDelivery/DDEC	ontroller?Action=
	Height	12.8 mm	

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

Object	Property Name	Property Value
	Name	2
	Number	2
2 : J1/2	Swap Id	-1
	Туре	Passive
	Net Name	SWDIO/PA13
	Order	1
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	4
	Number	4
4 : J1/4	Swap Id	-1
	Туре	Passive
	Net Name	SWCLK/PA14
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	5
	Number	5
5 : J1/5	Swap Id	4
	Туре	Passive
	Net Name	0
	Order	4
	Is No Connect	False

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

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

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Object	Property Name	Property Value
	Name	1
	Number	1
1 : R15/1	Swap Id	-1
	Туре	Passive
	Net Name	N52044
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R15/2	Туре	Passive
	Net Name	D15
	Order	1
	Is No Connect	False

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	7
	Number	7
	Swap Id	4
7 : J5/7	Туре	Passive
	Net Name	
	Order	6
	Is No Connect	True

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

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

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

Object	Property Name	Property Value]
	Name	INS77903	
	ID	752	
	Reference	R17	
	Designator		
	Part Reference	R17	
	Value	100	
	Primitive	DEFAULT	
	Implementation Type	<none></none>]
INS77903 : R17	Implementation		
	Implementation Path		
	PCB Footprint	ERA6AEB1020V	
	Mouser Part Number	667-ERA-6ARB472V	
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword	d=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/ER	A-6ARB472V.pdf
	Height	0.6 mm	

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

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

Object	Property Name	Property Value
	Name	INS141432
	ID	852
	Reference	C16
	Designator	
	Part Reference	C16
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS141432 : C16	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM03
	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/
	Height	0.33 mm

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

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

Object	Property Name	Property Value	
	Name	INS78091	
	ID	764	
	Reference	R4	
	Designator		
	Part Reference	R4	
	Value	100K	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
INS78091 : R4	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/ER/	A-6ARB472V.pdf
	Height	0.6 mm	

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

Object	Property Name	Property Value	
	Name	2	
	Number	2	
2:R4/2	Swap Id	-1	
	Туре	Passive	
	Net Name	R2	
	Order	1	
	Is No Connect	False	

Object	Property Name	Property Value	
	Name	INS4158	<u> </u>
	ID	226	<u> </u>
	Reference	R3]
	Designator]
	Part Reference	R3	<u> </u>
	Value	4.7K]
	Primitive	DEFAULT	<u> </u>
	Implementation Type	<none></none>	<u> </u>
INS4158 : R3	Implementation]
	Implementation Path		<u> </u>
	PCB Footprint	ERA6AEB1020V	<u> </u>
	Mouser Part Number	667-ERA-6ARB472V]
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword	=667-ERA-6ARE
	Manufacturer_Name	Panasonic	1
	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/ER	A-6ARB472V.pdf
	Height	0.6 mm	<u> </u>

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

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R3/2	Swap Id	-1
	Туре	Passive
	Net Name	0
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS25187
	ID	381
	Reference	C7
	Designator	
	Part Reference	C7
	Value	2.2uF
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS25187 : C7	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM03
	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/liprary/catalog
	Height	0.33 mm

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

Object	Property Name	Property Value	
	Name	INS39484	
	ID	479	
	Reference	R30	
	Designator		
	Part Reference	R30	
	Value	100	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
INS39484 : R30	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/ER	A-6ARB472V.pdf
	Height	0.6 mm	

Object	Property Name	Property Value
	Name	1
	Number	1
1:R30/1	Swap Id	-1
	Туре	Passive
	Net Name	N39518
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R30/2	Swap Id	-1
	Туре	Passive
	Net Name	R4
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS47100
	ID	546
	Reference	R12
	Designator	
	Part Reference	R12
	Value	3K
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS47100 : R12	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-6AF
	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.pd
	Height	0.6 mm

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

Object	Property Name	Property Value
	Name	2
	Number	2
2:R12/2	Swap Id	-1
	Туре	Passive
	Net Name	0
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS67020	ļ
	ID	643	ļ
	Reference	J4	ļ
	Designator		
	Part Reference	J4	ļ
	Value	280372-1	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
INS67020 : J4	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/280	i0372-1?qs=
	Manufacturer_Name	TE Connectivity	
	Manufacturer_Part_Number	280372-1	
	Description	Body Features: Primary Product Color Black Connector Pro	ofile Standa
	Datasheet Link	http://www.te.com/commerce/DocumentDelivery/DDEControl	oller?Action
	Height	12.8 mm	

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

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : J4/2	Туре	Passive
	Net Name	TMS/SWDIO
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	3
	Number	3
	Swap Id	-1
3: J4/3	Туре	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
	Туре	Passive
	Net Name	TCLK/SWCLK
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	5
	Number	5
5 : J4/5	Swap Id	-1
	Туре	Passive
	Net Name	0
	Order	4
	Is No Connect	False

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

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

Object	Property Name	Property Value
	Name	1
	Number	1
1:R7/1	Swap Id	-1
	Туре	Passive
	Net Name	R2
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	INS138051
	ID	811
	Reference	C2
	Designator	
	Part Reference	C2
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS138051 : C2	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM0
	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/liprary/catalog
	Height	0.33 mm

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

Object	Property Name	Property Value
<u> </u>	Name	INS78972
	ID	788
	Reference	D3
	Designator	
	Part Reference	D3
	Value	SMF05C.TCT
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS78972 : D3	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
	Manufacturer_Part_Number	SMF05C.TCT
	Manufacturer_Name	SEMTECH
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Semtech/SMF05C.TCT?d
	Mouser Part Number	947-SMF05C.TCT

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

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

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

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

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

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

Object	Property Name	Property Value	
	Name	INS141264	
	ID	834	
	Reference	C9	
	Designator		
	Part Reference	C9	
	Value	100nF	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
INS141264 : C9	Implementation		
	Implementation Path		
	PCB Footprint	CAPC0603X33N	
	Mouser Part Number	81-GRM033D70E105ME5D	
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM	.M033D
	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/cata	ılog/pr
	Height	0.33 mm	

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

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

Object	Property Name	Property Value
	Name	INS24645
	ID	376
	Reference	C6
	Designator	
	Part Reference	C6
	Value	2.2uF
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS24645 : C6	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033
	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/p
	Height	0.33 mm

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

Object	Property Name	Property Value
	Name	2
	Number	2
2: C6/2	Swap Id	-1
	Туре	Passive
	Net Name	M10
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
_	Name	INS141384
	ID	846
	Reference	C14
	Designator	
	Part Reference	C14
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS141384 : C14	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM03
	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/
	Height	0.33 mm

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

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

Object	Property Name	Property Value	
	Name	INS77941	
	ID	755	
	Reference	R18	
	Designator		
	Part Reference	R18	
	Value	100	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
INS77941 : R18	Implementation		
	Implementation Path		
	PCB Footprint	ERA6AEB1020V	
	Mouser Part Number	667-ERA-6ARB472V	
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword=667-E	RA-6AR
	Manufacturer_Name	Panasonic	
	Manufacturer_Part_Number	ERA-6ARB472V	
	Description	Thin Film Resistors - SMD 0805 4.7Kohm 0.1% 10ppm AEC-Q	J200
	Datasheet Link	https://componentsearchengine.com/Datasheets/1/ERA-6ARB	472V.pd
	Height	0.6 mm	

Object	Property Name	Property Value
	Name	1
	Number	1
1 : R18/1	Swap Id	-1
	Туре	Passive
	Net Name	L3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R18/2	Туре	Passive
	Net Name	TDI
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS48072	
	ID	556	
	Reference	R11	
	Designator		
	Part Reference	R11	
	Value	10K	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
INS48072 : R11	Implementation		
	Implementation Path		
	PCB Footprint	ERA6AEB1020V	
	Mouser Part Number	667-ERA-6ARB472V	
	Mouser Price/Stock	https://www.mouser.com/Search/Refine.aspx?Keyword	I=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/ER	A-6ARB472V.pdf
	Height	0.6 mm	

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

Object	Property Name	Property Value	
	Name	2	
	Number	2	
2:R11/2	Swap Id	-1	
	Туре	Passive	
	Net Name	0	
	Order	1	
	Is No Connect	False	

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

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R1/1	Туре	Passive
	Net Name	PB1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R1/2	Swap Id	-1
	Туре	Passive
	Net Name	+3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS138003
	ID	820
	Reference	IC2
	Designator	
	Part Reference	IC2
	Value	LM1117MPX-33NOPB
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS138003 : IC2	Implementation	
	Implementation Path	
	PCB Footprint	SOT230P700X180-4N
	Height	1.8 mm
	Datasheet Link	https://www.arrow.com/en/products/lm1117mpx-33nopb/on-semicone
	Description	LDO Voltage Regulators 800-mA 15-V linear voltage regulator 800-m
	Manufacturer_Part_Number	LM1117MPX-33NOPB
	Manufacturer_Name	onsemi
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/onsemi/LM11 I7MPX-33NO
	Mouser Part Number	863-LM1117MPX-33NOPB

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

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

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

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

Object	Property Name	Property Value	
	Name	INS77789	
	ID	743	
	Reference	R8	
	Designator		
	Part Reference	R8	
	Value	100	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
INS77789 : R8	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-6AR
	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-6AR	B472V.pd
	Height	0.6 mm	

Object	Property Name	Property Value
	Name	1
	Number	1
1:R8/1	Swap Id	-1
	Туре	Passive
	Net Name	C10
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	INS141336
	ID	858
	Reference	C12
	Designator	
	Part Reference	C12
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS141336 : C12	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033E
	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/pr
	Height	0.33 mm

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

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

Object	Property Name	Property Value
	Name	INS8023
	ID	265
	Reference	C1
	Designator	
	Part Reference	C1
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS8023 : C1	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM03
	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/liprary/catalog
	Height	0.33 mm

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

Object	Property Name	Property Value
	Name	2
	Number	2
2 : C1/2	Swap Id	-1
	Туре	Passive
	Net Name	J1
	Order	1
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	1
	Number	1
1:R19/1	Swap Id	-1
	Туре	Passive
	Net Name	P3
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R19/2	Swap Id	-1
	Туре	Passive
	Net Name	NRST
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS138075
	ID	814
	Reference	C3
	Designator	
	Part Reference	C3
	Value	10uF
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS138075 : C3	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM03:
	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/liprary/catalog/
	Height	0.33 mm

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

Object	Property Name	Property Value	
	Name	2	
	Number	2	
2: C3/2	Swap Id	-1	
	Туре	Passive	
	Net Name	+3V3	
	Order	1	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	INS76818
	ID	708
	Reference	IC3
	Designator	
	Part Reference	IC3
	Value	SN74LVC8T245PWR
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS76818 : IC3	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 Sh
	Manufacturer_Part_Number	SN74LVC8T245PWR
	Manufacturer_Name	Texas Instruments
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Texas-Instruments/SN74LVC
	Mouser Part Number	595-SN74LVC8T245PWR

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

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

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

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

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

Object	Property Name	Property Value
	Name	A4
	Number	6
A4: IC3/A4	Swap Id	-1
	Туре	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
	Туре	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
	Туре	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
	Туре	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
	Туре	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
	Туре	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
	Туре	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
	Туре	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
	Туре	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
	Туре	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
	Туре	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
	Туре	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	
	Туре	Passive	
	Net Name	R6	
	Order	17	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	B4
	Number	18
	Swap Id	4
B4 : IC3/B4	Туре	Passive
	Net Name	
	Order	18
	Is No Connect	True

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

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

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

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

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

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

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

Object	Property Name	Property Value	
	Name	2	
	Number	2	
2:R9/2	Swap Id	-1	
	Туре	Passive	
	Net Name	0	
	Order	1	
	Is No Connect	False	

Object	Property Name	Property Value	ĺ
	Name	INS77827	i I
	ID	746	į l
	Reference	R14	į l
	Designator		i l
	Part Reference	R14	į l
	Value	100	į l
	Primitive	DEFAULT	į
	Implementation Type	<none></none>	į l
INS77827 : R14	Implementation		į l
	Implementation Path		<u> </u>
	PCB Footprint	ERA6AEB1020V	
	Mouser Part Number	667-ERA-6ARB472V	į l
	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/ER	A-6ARB472V.pdf
	Height	0.6 mm	j

Object	Property Name	Property Value
	Name	1
	Number	1
1:R14/1	Swap Id	-1
	Туре	Passive
	Net Name	M11
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R14/2	Swap Id	-1
	Туре	Passive
	Net Name	TCLK/SWCLK
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS141288
	ID	855
	Reference	C10
	Designator	
	Part Reference	C10
	Value	100nF
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS141288 : C10	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM0
	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/liprary/catalo
	Height	0.33 mm

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

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : C10/2	Туре	Passive
	Net Name	+3V3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS51818
	ID	573
	Reference	LED1
	Designator	
	Part Reference	LED1
	Value	SM0603GCL
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS51818 : LED1	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=jaL
	Mouser Part Number	749-SM0603GCL

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

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

Object	Property Name	Property Value
•	Name	INS424
	ID	2
	Reference	IC1
	Designator	A
	Part Reference	IC1A
	Value	STM32F723IEK6
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS424 : IC1	Implementation	
	Implementation Path	
	PCB Footprint	BGA201C65P15X15_1000X1000X60
	Mouser Part Number	511-STM32F723IEK6
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/STMicroelectronics/STM32F7
	Manufacturer_Name	STMicroelectronics
	Manufacturer_Part_Number	STM32F723IEK6
	Description	STMicroelectronics STM32F723IEK6, 32bit ARM Cortex M7 Microcont
	Datasheet Link	
	Height	0.6 mm

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	PG10
	Number	B10
PG10: IC1/PG10	Swap Id	4
	Туре	Passive
	Net Name	
	Order	24
	Is No Connect	True

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

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	VDD_2
	Number	C7
	Swap Id	4
VDD_2 : IC1/VDD_2	Туре	Passive
	Net Name	+3V3
	Order	36
	Is No Connect	False

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	PI10
	Number	E3
PI10 : IC1/PI10	Swap Id	4
	Туре	Passive
	Net Name	
	Order	62
	Is No Connect	True

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

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

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

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

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

Object	Property Name	Property Value
	Name	PC15
	Number	F1
	Swap Id	4
PC15 : IC1/PC15	Туре	Passive
	Net Name	
	Order	68
	Is No Connect	True

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	VSS_9
	Number	F9
VSS_9: IC1/VSS_9	Swap Id	-1
	Туре	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
	Туре	Passive
	Net Name	0
	Order	76
	Is No Connect	False

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	PC8
	Number	G14
PC8 : IC1/PC8	Swap Id	4
	Туре	Passive
	Net Name	
	Order	92
	Is No Connect	True

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	VSS_21
	Number	H8
	Swap Id	-1
VSS_21 : IC1/VSS_21	Туре	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	
	Туре	Passive	
	Net Name	0	
	Order	101	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	VSS_23
	Number	H10
	Swap Id	-1
VSS_23 : IC1/VSS_23	Туре	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
	Туре	Passive
	Net Name	0
	Order	103
	Is No Connect	False

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

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

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

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

Object	Property Name	Property Value
	Name	PF3
	Number	J2
	Swap Id	-1
PF3: IC1/PF3	Туре	Passive
	Net Name	
	Order	108
	Is No Connect	True

Object	Property Name	Property Value
	Name	PF4
	Number	J3
PF4 : IC1/PF4	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	109
	Is No Connect	True

Object	Property Name	Property Value
	Name	PH5
	Number	J4
	Swap Id	-1
PH5: IC1/PH5	Туре	Passive
	Net Name	
	Order	110
	Is No Connect	True

Object	Property Name	Property Value
	Name	VSS_25
	Number	J6
	Swap Id	-1
VSS_25 : IC1/VSS_25	Туре	Passive
	Net Name	0
	Order	111
	Is No Connect	False

Object	Property Name	Property Value
	Name	VSS_26
	Number	J7
	Swap Id	-1
VSS_26 : IC1/VSS_26	Туре	Passive
	Net Name	0
	Order	112
	Is No Connect	False

Object	Property Name	Property Value	
	Name	VSS_27	
	Number	J8	
VSS_27 : IC1/VSS_27	Swap Id	-1	
	Туре	Passive	
	Net Name	0	
	Order	113	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	VSS_28
	Number	J9
	Swap Id	-1
VSS_28 : IC1/VSS_28	Туре	Passive
	Net Name	0
	Order	114
	Is No Connect	False

Object	Property Name	Property Value
	Name	VSS_29
	Number	J10
VSS_29 : IC1/VSS_29	Swap Id	-1
	Туре	Passive
	Net Name	0
	Order	115
	Is No Connect	False

Object	Property Name	Property Value
	Name	VDD_7
	Number	J12
VDD_7 : IC1/VDD_7	Swap Id	-1
	Туре	Passive
	Net Name	+3V3
	Order	116
	Is No Connect	False

Object	Property Name	Property Value
	Name	VDD_8
	Number	J13
	Swap Id	-1
VDD_8: IC1/VDD_8	Туре	Passive
	Net Name	+3V3
	Order	117
	Is No Connect	False

Object	Property Name	Property Value
_	Name	VDD12_OTGHS
	Number	J14
	Swap Id	-1
VDD12_OTGHS : IC1/VDD12_OTGHS	Туре	Passive
	Net Name	C5
	Order	118
	Is No Connect	False

Object	Property Name	Property Value
	Name	OTG_HS_REXT
	Number	J15
OTG_HS_REXT : IC1/OTG_HS_REXT	Swap Id	-1
	Туре	Passive
	Net Name	J15
	Order	119
	Is No Connect	False

Object	Property Name	Property Value
	Name	PF7
	Number	K1
	Swap Id	-1
PF7 : IC1/PF7	Туре	Passive
	Net Name	
	Order	120
	Is No Connect	True

Object	Property Name	Property Value
	Name	PF6
	Number	K2
PF6: IC1/PF6	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	121
	Is No Connect	True

Object	Property Name	Property Value
	Name	PF5
	Number	K3
PF5 : IC1/PF5	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	122
	Is No Connect	True

Object	Property Name	Property Value
	Name	VDD_9
	Number	K4
	Swap Id	-1
VDD_9 : IC1/VDD_9	Туре	Passive
	Net Name	+3V3
	Order	123
	Is No Connect	False

Object	Property Name	Property Value
	Name	VSS_30
	Number	K6
	Swap Id	-1
VSS_30 : IC1/VSS_30	Туре	Passive
	Net Name	0
	Order	124
	Is No Connect	False

Object	Property Name	Property Value
	Name	VSS_31
	Number	K7
	Swap Id	-1
VSS_31 : IC1/VSS_31	Туре	Passive
	Net Name	0
	Order	125
	Is No Connect	False

Object	Property Name	Property Value
	Name	VSS_32
	Number	K8
	Swap Id	4
VSS_32 : IC1/VSS_32	Туре	Passive
	Net Name	0
	Order	126
	Is No Connect	False

Object	Property Name	Property Value
	Name	VSS_33
	Number	K9
VSS_33: IC1/VSS_33	Swap Id	-1
	Туре	Passive
	Net Name	0
	Order	127
	Is No Connect	False

Object	Property Name	Property Value
	Name	VSS_34
	Number	K10
VSS_34 : IC1/VSS_34	Swap Id	-1
	Туре	Passive
	Net Name	0
	Order	128
	Is No Connect	False

Object	Property Name	Property Value
	Name	PH12
	Number	K12
	Swap Id	-1
PH12 : IC1/PH12	Туре	Passive
	Net Name	
	Order	129
	Is No Connect	True

Object	Property Name	Property Value
	Name	PG5
	Number	K13
	Swap Id	-1
PG5 : IC1/PG5	Туре	Passive
	Net Name	0
	Order	130
	Is No Connect	False

Object	Property Name	Property Value
	Name	PG4
	Number	K14
PG4 : IC1/PG4	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	131
	Is No Connect	True

Object	Property Name	Property Value
	Name	PG3
	Number	K15
	Swap Id	-1
PG3 : IC1/PG3	Туре	Passive
	Net Name	
	Order	132
	Is No Connect	True

Object	Property Name	Property Value
	Name	PF10
	Number	L1
PF10: IC1/PF10	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	133
	Is No Connect	True

Object	Property Name	Property Value
	Name	PF9
	Number	L2
PF9 : IC1/PF9	Swap Id	4
	Туре	Passive
	Net Name	L2
	Order	134
	Is No Connect	False

Object	Property Name	Property Value
	Name	PF8
	Number	L3
	Swap Id	-1
PF8 : IC1/PF8	Туре	Passive
	Net Name	L3
	Order	135
	Is No Connect	False

Object	Property Name	Property Value
	Name	BYPASS_REG
	Number	L4
	Swap Id	-1
BYPASS_REG : IC1/BYPASS_REG	Туре	Passive
	Net Name	L4
	Order	136
	Is No Connect	False

Object	Property Name	Property Value	
	Name	PH11	
	Number	L12	
PH11 : IC1/PH11	Swap Id	-1	
	Туре	Passive	
	Net Name		
	Order	137	
	Is No Connect	True	

Object	Property Name	Property Value
	Name	PH10
	Number	L13
	Swap Id	4
PH10: IC1/PH10	Туре	Passive
	Net Name	
	Order	138
	Is No Connect	True

Object	Property Name	Property Value
	Name	PD15
	Number	L14
PD15 : IC1/PD15	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	139
	Is No Connect	True

Object	Property Name	Property Value
	Name	PG2
	Number	L15
PG2 : IC1/PG2	Swap Id	4
	Туре	Passive
	Net Name	
	Order	140
	Is No Connect	True

Object	Property Name	Property Value
	Name	VSSA
	Number	M1
VSSA: IC1/VSSA	Swap Id	-1
	Туре	Passive
	Net Name	0
	Order	141
	Is No Connect	False

Object	Property Name	Property Value
	Name	PC0
	Number	M2
	Swap Id	-1
PC0 : IC1/PC0	Туре	Passive
	Net Name	
	Order	142
	Is No Connect	True

Object	Property Name	Property Value
	Name	PC1
	Number	M3
PC1 : IC1/PC1	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	143
	Is No Connect	True

Object	Property Name	Property Value
	Name	PC2
	Number	M4
	Swap Id	-1
PC2 : IC1/PC2	Туре	Passive
	Net Name	
	Order	144
	Is No Connect	True

Object	Property Name	Property Value
	Name	PC3
	Number	M5
PC3 : IC1/PC3	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	145
	Is No Connect	True

Object	Property Name	Property Value
	Name	PB2
	Number	M6
PB2 : IC1/PB2	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	146
	Is No Connect	True

Object	Property Name	Property Value
	Name	PG1
	Number	M7
	Swap Id	-1
PG1 : IC1/PG1	Туре	Passive
	Net Name	
	Order	147
	Is No Connect	True

Object	Property Name	Property Value
	Name	VSS_35
	Number	M8
	Swap Id	-1
VSS_35 : IC1/VSS_35	Туре	Passive
	Net Name	0
	Order	148
	Is No Connect	False

Object	Property Name	Property Value	
_	Name	VSS_36	
	Number	M9	
VSS_36 : IC1/VSS_36	Swap Id	-1	
	Туре	Passive	
	Net Name	0	
	Order	149	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	VCAP_1
	Number	M10
	Swap Id	-1
VCAP_1 : IC1/VCAP_1	Туре	Passive
	Net Name	M10
	Order	150
	Is No Connect	False

Object	Property Name	Property Value
	Name	PH6
	Number	M11
PH6: IC1/PH6	Swap Id	-1
	Туре	Passive
	Net Name	M11
	Order	151
	Is No Connect	False

Object	Property Name	Property Value
	Name	PH8
	Number	M12
PH8 : IC1/PH8	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	152
	Is No Connect	True

Object	Property Name	Property Value
	Name	PH9
	Number	M13
PH9 : IC1/PH9	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	153
	Is No Connect	True

Object	Property Name	Property Value
	Name	PD14
	Number	M14
PD14: IC1/PD14	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	154
	Is No Connect	True

Object	Property Name	Property Value
	Name	PD13
	Number	M15
PD13: IC1/PD13	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	155
	Is No Connect	True

Object	Property Name	Property Value
	Name	VREF-
	Number	N1
VREF- : IC1/VREF-	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	156
	Is No Connect	True

Object	Property Name	Property Value
	Name	PA1
	Number	N2
PA1 : IC1/PA1	Swap Id	-1
	Туре	Passive
	Net Name	L3
	Order	157
	Is No Connect	False

Object	Property Name	Property Value
	Name	PA0
	Number	N3
PA0 : IC1/PA0	Swap Id	-1
	Туре	Passive
	Net Name	PA0
	Order	158
	Is No Connect	False

Object	Property Name	Property Value
	Name	PA4
	Number	N4
PA4 : IC1/PA4	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	159
	Is No Connect	True

Object	Property Name	Property Value
	Name	PC4
	Number	N5
PC4 : IC1/PC4	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	160
	Is No Connect	True

Object	Property Name	Property Value
	Name	PF13
	Number	N6
PF13: IC1/PF13	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	161
	Is No Connect	True

Object	Property Name	Property Value
	Name	PG0
	Number	N7
PG0 : IC1/PG0	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	162
	Is No Connect	True

Object	Property Name	Property Value
	Name	VDD_10
	Number	N8
VDD_10 : IC1/VDD_10	Swap Id	-1
	Туре	Passive
	Net Name	+3V3
	Order	163
	Is No Connect	False

Object	Property Name	Property Value
	Name	VDD_11
	Number	N9
VDD_11 : IC1/VDD_11	Swap Id	-1
	Туре	Passive
	Net Name	+3V3
	Order	164
	Is No Connect	False

Object	Property Name	Property Value
	Name	VDD_12
	Number	N10
	Swap Id	-1
VDD_12 : IC1/VDD_12	Туре	Passive
	Net Name	+3V3
	Order	165
	Is No Connect	False

Object	Property Name	Property Value
	Name	PE13
	Number	N11
	Swap Id	-1
PE13 : IC1/PE13	Туре	Passive
	Net Name	
	Order	166
	Is No Connect	True

Object	Property Name	Property Value	
	Name	PH7	
	Number	N12	
PH7 : IC1/PH7	Swap Id	-1	
	Туре	Passive	
	Net Name	N12	
	Order	167	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	PD12
	Number	N13
	Swap Id	-1
PD12 : IC1/PD12	Туре	Passive
	Net Name	
	Order	168
	Is No Connect	True

Object	Property Name	Property Value
	Name	PD11
	Number	N14
PD11: IC1/PD11	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	169
	Is No Connect	True

Object	Property Name	Property Value
	Name	PD10
	Number	N15
PD10: IC1/PD10	Swap Id	4
	Туре	Passive
	Net Name	
	Order	170
	Is No Connect	True

Object	Property Name	Property Value
	Name	VREF+
	Number	P1
VREF+: IC1/VREF+	Swap Id	-1
	Туре	Passive
	Net Name	+3V3
	Order	171
	Is No Connect	False

Object	Property Name	Property Value
	Name	PA2
	Number	P2
	Swap Id	-1
PA2 : IC1/PA2	Туре	Passive
	Net Name	
	Order	172
	Is No Connect	True

Object	Property Name	Property Value	
	Name	PA6	
	Number	P3	
PA6 : IC1/PA6	Swap Id	-1	
	Туре	Passive	
	Net Name	P3	
	Order	173	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	PA5
	Number	P4
	Swap Id	-1
PA5 : IC1/PA5	Туре	Passive
	Net Name	
	Order	174
	Is No Connect	True

Object	Property Name	Property Value
	Name	PC5
	Number	P5
PC5 : IC1/PC5	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	175
	Is No Connect	True

Object	Property Name	Property Value
	Name	PF12
	Number	P6
PF12 : IC1/PF12	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	176
	Is No Connect	True

Object	Property Name	Property Value
	Name	PF15
	Number	P7
	Swap Id	-1
PF15 : IC1/PF15	Туре	Passive
	Net Name	
	Order	177
	Is No Connect	True

Object	Property Name	Property Value
	Name	PE8
	Number	P8
	Swap Id	-1
PE8 : IC1/PE8	Туре	Passive
	Net Name	
	Order	178
	Is No Connect	True

Object	Property Name	Property Value
	Name	PE9
	Number	P9
PE9 : IC1/PE9	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	179
	Is No Connect	True

Object	Property Name	Property Value
	Name	PE11
	Number	P10
	Swap Id	-1
PE11 : IC1/PE11	Туре	Passive
	Net Name	
	Order	180
	Is No Connect	True

Object	Property Name	Property Value
	Name	PE14
	Number	P11
PE14 : IC1/PE14	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	181
	Is No Connect	True

Object	Property Name	Property Value
	Name	PB12
	Number	P12
PB12 : IC1/PB12	Swap Id	4
	Туре	Passive
	Net Name	
	Order	182
	Is No Connect	True

Object	Property Name	Property Value
	Name	PB13
	Number	P13
	Swap Id	-1
PB13 : IC1/PB13	Туре	Passive
	Net Name	
	Order	183
	Is No Connect	True

Object	Property Name	Property Value
	Name	PD9
	Number	P14
	Swap Id	-1
PD9 : IC1/PD9	Туре	Passive
	Net Name	
	Order	184
	Is No Connect	True

Object	Property Name	Property Value
	Name	PD8
	Number	P15
PD8 : IC1/PD8	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	185
	Is No Connect	True

Object	Property Name	Property Value
	Name	VDDA
	Number	R1
	Swap Id	-1
VDDA : IC1/VDDA	Туре	Passive
	Net Name	+3V3
	Order	186
	Is No Connect	False

Object	Property Name	Property Value
	Name	PA3
	Number	R2
PA3 : IC1/PA3	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	187
	Is No Connect	True

Object	Property Name	Property Value
	Name	PA7
	Number	R3
PA7 : IC1/PA7	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	188
	Is No Connect	True

Object	Property Name	Property Value
	Name	PB1
	Number	R4
PB1: IC1/PB1	Swap Id	-1
	Туре	Passive
	Net Name	PB1
	Order	189
	Is No Connect	False

Object	Property Name	Property Value
	Name	PB0
	Number	R5
PB0 : IC1/PB0	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	190
	Is No Connect	True

Object	Property Name	Property Value
	Name	PF11
	Number	R6
PF11: IC1/PF11	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	191
	Is No Connect	True

Object	Property Name	Property Value
	Name	PF14
	Number	R7
PF14:IC1/PF14	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	192
	Is No Connect	True

Object	Property Name	Property Value
	Name	PE7
	Number	R8
PE7 : IC1/PE7	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	193
	Is No Connect	True

Object	Property Name	Property Value
	Name	PE10
	Number	R9
PE10 : IC1/PE10	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	194
	Is No Connect	True

Object	Property Name	Property Value
	Name	PE12
	Number	R10
PE12 : IC1/PE12	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	195
	Is No Connect	True

Object	Property Name	Property Value
	Name	PE15
	Number	R11
PE15 : IC1/PE15	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	196
	Is No Connect	True

Object	Property Name	Property Value
	Name	PB10
	Number	R12
PB10: IC1/PB10	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	197
	Is No Connect	True

Object	Property Name	Property Value
	Name	PB11
	Number	R13
PB11: IC1/PB11	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	198
	Is No Connect	True

Object	Property Name	Property Value
	Name	PB14
	Number	R14
PB14: IC1/PB14	Swap Id	-1
	Туре	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
	Туре	Passive
	Net Name	DP
	Order	200
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS141408
	ID	837
	Reference	C15
	Designator	
	Part Reference	C15
	Value	100nF
İ	Primitive	DEFAULT
	Implementation Type	<none></none>
INS141408 : C15	Implementation	
	Implementation Path	
	PCB Footprint	CAPC0603X33N
	Mouser Part Number	81-GRM033D70E105ME5D
	Mouser Price/Stock	https://www.mouser.co.uk/ProductDetail/Murata-Electronics/GRM033E
	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/liprary/catalog/pr
	Height	0.33 mm

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : C15/1	Туре	Passive
	Net Name	0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : C15/2	Туре	Passive
	Net Name	+3V3
	Order	1
	Is No Connect	False