Object	Property Name	Property Value
Rectangle	Name	I16679291
	Left	30
	Top	10
	Right	1140
	Bottom	690
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	I16679297
	Start X-Coordinate	410
	Start Y-Coordinate	103
	End X-Coordinate	720
	End Y-Coordinate	103

Object	Property Name	Property Value
Motor Speed & Temprature Card	Name	I16679273
	Bounding Box Left	385
	Bounding Box Right	880
	Bounding Box Top	19
	Bounding Box Bottom	46
	Text	Motor Speed & Temprature Card
	Text Location X-Coordinate	385
	Text Location Y-Coordinate	19
	Font	Verdana

Object	Property Name	Property Value
Index	Name	I16679279
	Bounding Box Left	410
	Bounding Box Right	485
	Bounding Box Top	73
	Bounding Box Bottom	94
	Text	Index
	Text Location X-Coordinate	410
	Text Location Y-Coordinate	73
	Font	Verdana

Object	Property Name	Property Value
Sheet #01 - Cover Page Sheet #02 - Revision History Sheet #03 - Block Diagram Sheet #04 - Power Tree Sheet #05 - Back plane Connector Sheet #06 - Power supply Sheet #07 - LPC1833	Name	I16679285
	Bounding Box Left	410
	Bounding Box Right	666
	Bounding Box Top	103
	Bounding Box Bottom	389
	Text	Sheet #01 - Cover Page Sheet #02 - Revision History Sheet #03 - Block Diagr
	Text Location X-Coordinate	410
	Text Location Y-Coordinate	103
	Font	Verdana

Object	Property Name	Property Value
123 : 123	Path Name	123
	Schematic Path	/
	ID	1
	Page Count	12
	Document Name	Motor Speed & Temperature card (BH-MST-219)
	Title	COVER PAGE
	Page Content	SCH-BH-MST219-2341-1A-01
	Page Number	1
	Name	123
	Design Name	BH-MST-219-2352-1A-01
	Design File Name	C:\VISH RANA\PROJECT\BHEL METRO\BHEL DEVLOPING\2023 BHEL\TR.
	Design Create Date	Tuesday, December 26, 2023
	Design Modify Date	Wednesday, December 27, 2023
	Design Create Time	11:02:16
	Design Modify Time	17:51:00
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, December 26, 2023
	Schematic Modify Date	Wednesday, December 27, 2023
	Schematic Create Time	11:02:18
	Schematic Modify Time	17:51:02
	Schematic Page Count	0
	Schematic Page Number	0
	Page Size	A4
	Page Create Date	Tuesday, December 26, 2023
	Page Modify Date	Wednesday, December 27, 2023
	Page Create Time	11:02:16
	Page Modify Time	17:49:58
	Source Library	C:\VISH RANA\LIB\ORCAD\TEMP1.OLB
	Source Symbol	123
	Page Name	s_01_cover_page
	RevCode	1A
	Verified Date	27-SEP-23
	Designed Date	27-SEP-23
	Drawn Date	27-SEP-23
	Verified By	CKR,HS
	Drawn By	VVR
	Designed By	VVR

Object	Property Name	Property Value
Line	Name	I16774904
	Start X-Coordinate	414
	Start Y-Coordinate	88
	End X-Coordinate	414
	End Y-Coordinate	188

Object	Property Name	Property Value
Line	Name	I16774910
	Start X-Coordinate	494
	Start Y-Coordinate	88
	End X-Coordinate	494
	End Y-Coordinate	188

Object	Property Name	Property Value
Line	Name	I16774916
	Start X-Coordinate	584
	Start Y-Coordinate	88
	End X-Coordinate	584
	End Y-Coordinate	188

Object	Property Name	Property Value
Line	Name	I16774922
	Start X-Coordinate	384
	Start Y-Coordinate	108
	End X-Coordinate	864
	End Y-Coordinate	108

Object	Property Name	Property Value
27-SEP-23	Name	I16774928
	Bounding Box Left	504
	Bounding Box Right	578
	Bounding Box Top	118
	Bounding Box Bottom	131
	Text	27-SEP-23
	Text Location X-Coordinate	504
	Text Location Y-Coordinate	118
	Font	Verdana

Object	Property Name	Property Value
01	Name	I16774934
	Bounding Box Left	394
	Bounding Box Right	413
	Bounding Box Top	118
	Bounding Box Bottom	131
	Text	01
	Text Location X-Coordinate	394
	Text Location Y-Coordinate	118
	Font	Verdana

Object	Property Name	Property Value
- Finished initial version of the Schematic	Name	I16774940
	Bounding Box Left	594
	Bounding Box Right	872
	Bounding Box Top	118
	Bounding Box Bottom	131
	Text	- Finished initial version of the Schematic
	Text Location X-Coordinate	594
	Text Location Y-Coordinate	118
	Font	Verdana

Object	Property Name	Property Value
Description	Name	I16774946
	Bounding Box Left	594
	Bounding Box Right	679
	Bounding Box Top	88
	Bounding Box Bottom	101
	Text	Description
	Text Location X-Coordinate	594
	Text Location Y-Coordinate	88
	Font	Verdana

Object	Property Name	Property Value
Revision History	Name	I16774952
	Bounding Box Left	454
	Bounding Box Right	718
	Bounding Box Top	18
	Bounding Box Bottom	45
	Text	Revision History
	Text Location X-Coordinate	454
	Text Location Y-Coordinate	18
	Font	Courier New

Object	Property Name	Property Value
Sr	Name	I16774958
	Bounding Box Left	394
	Bounding Box Right	412
	Bounding Box Top	88
	Bounding Box Bottom	101
	Text	Sr
	Text Location X-Coordinate	394
	Text Location Y-Coordinate	88
	Font	Verdana

Object	Property Name	Property Value
1A	Name	I16774964
	Bounding Box Left	444
	Bounding Box Right	464
	Bounding Box Top	118
	Bounding Box Bottom	131
	Text	1A
	Text Location X-Coordinate	444
	Text Location Y-Coordinate	118
	Font	Verdana

Object	Property Name	Property Value
Revision	Name	I16774970
	Bounding Box Left	424
	Bounding Box Right	488
	Bounding Box Top	88
	Bounding Box Bottom	101
	Text	Revision
	Text Location X-Coordinate	424
	Text Location Y-Coordinate	88
	Font	Verdana

Object	Property Name	Property Value
Date	Name	I16774976
	Bounding Box Left	514
	Bounding Box Right	551
	Bounding Box Top	88
	Bounding Box Bottom	101
	Text	Date
	Text Location X-Coordinate	514
	Text Location Y-Coordinate	88
	Font	Verdana

Object	Property Name	Property Value
123 : 123	Path Name	123
	Schematic Path	/
	ID	1661
	Verified By	HS
	Title	REVISION HISTORY
	Drawn By	VVR
	Page Number	2
	Page Count	12
	Designed By	VVR
	Document Name	Motor Speed & Temperature card (BH-MST-219)
	Page Content	SCH-BH-MST219-2341-1A-01
	Name	123
	Design Name	BH-MST-219-2352-1A-01
	Design File Name	C:\VISH RANA\PROJECT\BHEL METRO\BHEL DEVLOPING\2023 BHEL\TR.
	Design Create Date	Tuesday, December 26, 2023
	Design Modify Date	Wednesday, December 27, 2023
	Design Create Time	11:02:16
	Design Modify Time	17:51:00
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, December 26, 2023
	Schematic Modify Date	Wednesday, December 27, 2023
	Schematic Create Time	11:02:18
	Schematic Modify Time	17:51:02
	Schematic Page Count	2
	Schematic Page Number	2
	Page Size	A4
	Page Create Date	Tuesday, December 26, 2023
	Page Modify Date	Wednesday, December 27, 2023
	Page Create Time	11:11:15
	Page Modify Time	17:49:58
	Source Library	C:\VISH RANA\LIB\ORCAD\TEMP.OLB
	Source Symbol	123
	Page Name	s_02_revision_history
	RevCode	1A
	Verified Date	27-SEP-23
	Designed Date	27-SEP-23
	Drawn Date	27-SEP-23

Object	Property Name	Property Value
Bitmap	Name	I16775098
	Left	290
	Top	150
	Right	885
	Bottom	561

Object	Property Name	Property Value
general : general	Path Name	general
	Schematic Path	/
	ID	5
	Page Number	3
	Title	BLOCK DIAGRAM
	Document Name	Motor Speed & Temperature card (BH-MST-219)
	Page content	SCH-BH-MST219-2341-1A-01
	Page Count	12
	Designed Date	Wednesday, December 27, 2023
	Name	general
	Design Name	BH-MST-219-2352-1A-01
	Design File Name	C:\VISH RANA\PROJECT\BHEL METRO\BHEL DEVLOPING\2023 BHEL\TR
	Design Create Date	Tuesday, December 26, 2023
	Design Modify Date	Wednesday, December 27, 2023
	Design Create Time	11:02:16
	Design Modify Time	17:51:00
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, December 26, 2023
	Schematic Modify Date	Wednesday, December 27, 2023
	Schematic Create Time	11:02:18
	Schematic Modify Time	17:51:02
	Schematic Page Count	0
	Schematic Page Number	0
	Page Size	A4
	Page Create Date	Tuesday, December 26, 2023
	Page Modify Date	Wednesday, December 27, 2023
	Page Create Time	11:12:33
	Page Modify Time	17:49:58
	Source Library	C:\VISH RANA\LIB\ORCAD\TEMP1.OLB
	Source Symbol	general
	Page Name	s_03_block_diagram
	RevCode	1A
	Verified Date	27-SEP-23
	Drawn Date	27-SEP-23
	Verified By	CKR,HS
	Drawn By	KSB
	Designed By	KSB

Object	Property Name	Property Value
general : general	Path Name	general
	Schematic Path	/
	ID	6
	Page Count	12
	Title	POWER TREE
	Document Name	Motor Speed & Temperature card (BH-MST-219)
	Page content	SCH-BH-MST219-2341-1A-01
	Page Number	4
	Name	general
	Design Name	BH-MST-219-2352-1A-01
	Design File Name	C:\VISH RANA\PROJECT\BHEL METRO\BHEL DEVLOPING\2023 BHEL\TR...
	Design Create Date	Tuesday, December 26, 2023
	Design Modify Date	Wednesday, December 27, 2023
	Design Create Time	11:02:16
	Design Modify Time	17:51:00
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, December 26, 2023
	Schematic Modify Date	Wednesday, December 27, 2023
	Schematic Create Time	11:02:18
	Schematic Modify Time	17:51:02
	Schematic Page Count	0
	Schematic Page Number	0
	Page Size	A4
	Page Create Date	Tuesday, December 26, 2023
	Page Modify Date	Wednesday, December 27, 2023
	Page Create Time	11:12:45
	Page Modify Time	17:49:58
	Source Library	C:\VISH RANA\LIB\ORCAD\TEMP1.OLB
	Source Symbol	general
	Page Name	s_04_power_tree
	RevCode	1A
	Verified Date	27-SEP-23
	Designed Date	27-SEP-23
	Drawn Date	27-SEP-23
	Verified By	CKR,HS
	Drawn By	KSB
	Designed By	KSB

Object	Property Name	Property Value
32x3 EURO CONNECTOR RA(M)	Name	I16778602
	Bounding Box Left	300
	Bounding Box Right	708
	Bounding Box Top	10
	Bounding Box Bottom	37
	Text	32x3 EURO CONNECTOR RA(M)
	Text Location X-Coordinate	300
	Text Location Y-Coordinate	10
	Font	Courier New

Object	Property Name	Property Value
VCC_15N : VCC_15N (Wire ID = 16777562)	Name	VCC_15N

Object	Property Name	Property Value
VCC_15 : VCC_15 (Wire ID = 16777564)	Name	VCC_15

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16777578)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16777580)	Name	GND_SIGNAL

Object	Property Name	Property Value
VCC_15 : VCC_15 (Wire ID = 16777620)	Name	VCC_15

Object	Property Name	Property Value
VCC_15N : VCC_15N (Wire ID = 16777622)	Name	VCC_15N

Object	Property Name	Property Value
VCC_15 : VCC_15 (Wire ID = 16777624)	Name	VCC_15

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16777634)	Name	GND_SIGNAL

Object	Property Name	Property Value
VCC_15N : VCC_15N (Wire ID = 16777638)	Name	VCC_15N

Object	Property Name	Property Value
VCC_15N : VCC_15N (Wire ID = 16777640)	Name	VCC_15N

Object	Property Name	Property Value
VCC_15N : VCC_15N (Wire ID = 16777642)	Name	VCC_15N

Object	Property Name	Property Value
VCC_15 : VCC_15 (Wire ID = 16777644)	Name	VCC_15

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16777650)	Name	GND_SIGNAL

Object	Property Name	Property Value
VCC_15N : VCC_15N (Wire ID = 16777652)	Name	VCC_15N

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16777974)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16777976)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16777982)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16777984)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16777995)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16777997)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16777999)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16778001)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16778007)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16778009)	Name	VCC_5

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16778014)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16778016)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16778018)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16778020)	Name	GND_SIGNAL

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16778022)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16778024)	Name	VCC_5

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16778035)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16778037)	Name	GND_SIGNAL

Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778519)	Name	VCC_24N

Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778521)	Name	VCC_24N

Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778527)	Name	VCC_24N

Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778529)	Name	VCC_24N

Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778531)	Name	VCC_24N

Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778533)	Name	VCC_24N

Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778535)	Name	VCC_24N

Object	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16778537)	Name	VCC_24

Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778539)	Name	VCC_24N

Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778541)	Name	VCC_24N

Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778547)	Name	VCC_24N

Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778549)	Name	VCC_24N

Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778555)	Name	VCC_24N

Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778557)	Name	VCC_24N

Object	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16778559)	Name	VCC_24

Object	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16778561)	Name	VCC_24

Object	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16778563)	Name	VCC_24

Object	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16778565)	Name	VCC_24

Object	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16778567)	Name	VCC_24

Object	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16778569)	Name	VCC_24

Object	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16778571)	Name	VCC_24

Object	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16778573)	Name	VCC_24

Object	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16778575)	Name	VCC_24

Object	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16778577)	Name	VCC_24

Object	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16778579)	Name	VCC_24

Object	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16778581)	Name	VCC_24

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16778583)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16778585)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16778587)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16778589)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16778591)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16778593)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796893)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796894)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796910)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796912)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796930)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796932)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796952)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796954)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796976)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796978)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797002)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797004)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797030)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797032)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797060)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797062)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797092)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797094)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797126)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797128)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797162)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797164)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797203)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797205)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797246)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797248)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797291)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797293)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797338)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797340)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797387)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797389)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797438)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797440)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797491)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797493)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797546)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797548)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797603)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797605)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797662)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797741)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797743)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797804)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797806)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797869)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797871)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798007)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798152)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798503)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798505)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798574)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798576)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798647)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798649)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798722)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798724)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798799)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798801)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798878)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798880)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798959)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798961)	Name	GND_SIGNAL

Object	Property Name	Property Value
+15V_iso : +15V_ISO (Wire ID = 16801288)	Name	+15V_ISO

Object	Property Name	Property Value
+15V_iso : +15V_ISO (Wire ID = 16801289)	Name	+15V_ISO

Object	Property Name	Property Value
RPM1P1 : RPM1P1 (Wire ID = 16801922)	Name	RPM1P1

Object	Property Name	Property Value
TM1P1- : TM1P1- (Wire ID = 16801929)	Name	TM1P1-

Object	Property Name	Property Value
CON_CHK6 : CON_CHK6 (Wire ID = 16801936)	Name	CON_CHK6

Object	Property Name	Property Value
TM2P2+ : TM2P2+ (Wire ID = 16801943)	Name	TM2P2+

Object	Property Name	Property Value
lv_con_chk6 : LV_CON_CHK6 (Wire ID = 16801950)	Name	LV_CON_CHK6

Object	Property Name	Property Value
lv_rpm1p1 : LV_RPM1P1 (Wire ID = 16801957)	Name	LV_RPM1P1

Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16801964)	Name	LV_TM1P2

Object	Property Name	Property Value
lv_rpm2p1 : LV_RPM2P1 (Wire ID = 16801971)	Name	LV_RPM2P1

Object	Property Name	Property Value
RPM1P2 : RPM1P2 (Wire ID = 16802003)	Name	RPM1P2

Object	Property Name	Property Value
TM1P2+ : TM1P2+ (Wire ID = 16802010)	Name	TM1P2+

Object	Property Name	Property Value
RPM2P1 : RPM2P1 (Wire ID = 16802017)	Name	RPM2P1

Object	Property Name	Property Value
TM2P1+ : TM2P1+ (Wire ID = 16802024)	Name	TM2P1+

Object	Property Name	Property Value
TM2P2- : TM2P2- (Wire ID = 16802041)	Name	TM2P2-

Object	Property Name	Property Value
lv_con_chk7 : LV_CON_CHK7 (Wire ID = 16802048)	Name	LV_CON_CHK7

Object	Property Name	Property Value
lv_rpm1p2 : LV_RPM1P2 (Wire ID = 16802055)	Name	LV_RPM1P2

Object	Property Name	Property Value
lv_tm2p1 : LV_TM2P1 (Wire ID = 16802062)	Name	LV_TM2P1

Object	Property Name	Property Value
lv_rpm2p2 : LV_RPM2P2 (Wire ID = 16802069)	Name	LV_RPM2P2

Object	Property Name	Property Value
TM1P1+ : TM1P1+ (Wire ID = 16802096)	Name	TM1P1+

Object	Property Name	Property Value
TM1P2- : TM1P2- (Wire ID = 16802103)	Name	TM1P2-

Object	Property Name	Property Value
RPM2P2 : RPM2P2 (Wire ID = 16802110)	Name	RPM2P2

Object	Property Name	Property Value
TM2P1- : TM2P1- (Wire ID = 16802117)	Name	TM2P1-

Object	Property Name	Property Value
CON_CHK7 : CON_CHK7 (Wire ID = 16802124)	Name	CON_CHK7

Object	Property Name	Property Value
lv_tm1p1 : LV_TM1P1 (Wire ID = 16802131)	Name	LV_TM1P1

Object	Property Name	Property Value
lv_tm2p2 : LV_TM2P2 (Wire ID = 16802138)	Name	LV_TM2P2

Object	Property Name	Property Value
i2c_sda : I2C_SDA (Wire ID = 16802145)	Name	I2C_SDA

Object	Property Name	Property Value
i2c_scl : I2C_SCL (Wire ID = 16802152)	Name	I2C_SCL

Object	Property Name	Property Value
CON_CHK7 : CON_CHK7 (Wire ID = 16802159)	Name	CON_CHK7

Object	Property Name	Property Value
VCC_15N	Name	VCC_15N
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_15	Name	VCC_15
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_15N	Name	VCC_15N
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_15	Name	VCC_15
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_15N	Name	VCC_15N
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_15	Name	VCC_15
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15_2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15_2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15_2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

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

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

Object	Property Name	Property Value
VCC_24N	Name	VCC_24N
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_24	Name	VCC_24
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_24N	Name	VCC_24N
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_24N	Name	VCC_24N
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_24	Name	VCC_24
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_24	Name	VCC_24
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

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

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

Object	Property Name	Property Value
+15V_iso	Name	+15V_iso
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
RPM1P2 :	Name	RPM1P2
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
TM1P1- :	Name	TM1P1-
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
RPM1P1 :	Name	RPM1P1
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
CON_CHK6 :	Name	CON_CHK6
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
TM2P2+ :	Name	TM2P2+
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
lv_con_chk6 :	Name	lv_con_chk6
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
lv_rpm1p1 :	Name	lv_rpm1p1
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
lv_tm1p2 :	Name	lv_tm1p2
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
TM1P2+ :	Name	TM1P2+
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
TM1P1+ :	Name	TM1P1+
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
TM1P2- :	Name	TM1P2-
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
RPM2P2 :	Name	RPM2P2
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
TM2P1- :	Name	TM2P1-
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
CON_CHK7 :	Name	CON_CHK7
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
lv_tm1p1 :	Name	lv_tm1p1
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
lv_tm2p2 :	Name	lv_tm2p2
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
lv_rpm2p2 :	Name	lv_rpm2p2
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
lv_rpm2p1 :	Name	lv_rpm2p1
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
lv_tm2p1 :	Name	lv_tm2p1
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
lv_rpm1p2 :	Name	lv_rpm1p2
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
lv_con_chk7 :	Name	lv_con_chk7
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
TM2P1+ :	Name	TM2P1+
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
RPM2P1 :	Name	RPM2P1
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
TM2P2- :	Name	TM2P2-
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
i2c_sda :	Name	i2c_sda
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
i2c_scl :	Name	i2c_scl
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
CON_CHK7 :	Name	CON_CHK7
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
general : general	Path Name	general
	Schematic Path	/
	ID	177
	Title	BACK PLANE CONNECTOR
	Page Count	12
	Page content	SCH-BH-MST219-2341-1A-01
	Page Number	05
	Document Name	Motor Speed & Temperature card (BH-MST-219)
	Name	general
	Design Name	BH-MST-219-2352-1A-01
	Design File Name	C:\VISH RANA\PROJECT\BHEL METRO\BHEL DEVLOPING\2023 BHEL\TR.
	Design Create Date	Tuesday, December 26, 2023
	Design Modify Date	Wednesday, December 27, 2023
	Design Create Time	11:02:16
	Design Modify Time	17:51:00
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, December 26, 2023
	Schematic Modify Date	Wednesday, December 27, 2023
	Schematic Create Time	11:02:18
	Schematic Modify Time	17:51:02
	Schematic Page Count	0
	Schematic Page Number	0
	Page Size	A4
	Page Create Date	Tuesday, December 26, 2023
	Page Modify Date	Wednesday, December 27, 2023
	Page Create Time	11:13:10
	Page Modify Time	17:49:58
	Source Library	C:\VISH RANA\LIB\ORCAD\TEMP1.OLB
	Source Symbol	general
	Page Name	s_05_backplane_connector
	RevCode	1A
	Verified Date	27-SEP-23
	Designed Date	27-SEP-23
	Drawn Date	27-SEP-23
	Verified By	CKR,HS
	Drawn By	KSB
	Designed By	KSB

Object	Property Name	Property Value
INS16777475 : ST1	Name	INS16777475
	ID	43
	Reference	ST1
	Designator	A
	Part Reference	ST1A
	Value	09036966921
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	32X3_EU_RA_09031966921222

Object	Property Name	Property Value
G1 : ST1/G1	Name	G1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	0
	Is No Connect	True

Object	Property Name	Property Value
G2 : ST1/G2	Name	G2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	1
	Is No Connect	True

Object	Property Name	Property Value
A1 : ST1/A1	Name	A1
	Number	A1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	2
	Is No Connect	True

Object	Property Name	Property Value
A2 : ST1/A2	Name	A2
	Number	A2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_15
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
A3 : ST1/A3	Name	A3
	Number	A3
	Swap Id	-1
	Type	Passive
	Net Name	VCC_15N
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
A4 : ST1/A4	Name	A4
	Number	A4
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
A5 : ST1/A5	Name	A5
	Number	A5
	Swap Id	-1
	Type	Passive
	Net Name	+15V_iso
	Order	6
	Is No Connect	True

Object	Property Name	Property Value
A6 : ST1/A6	Name	A6
	Number	A6
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
A7 : ST1/A7	Name	A7
	Number	A7
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	8
	Is No Connect	True

Object	Property Name	Property Value
A8 : ST1/A8	Name	A8
	Number	A8
	Swap Id	-1
	Type	Passive
	Net Name	RPM1P1
	Order	9
	Is No Connect	True

Object	Property Name	Property Value
A9 : ST1/A9	Name	A9
	Number	A9
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	10
	Is No Connect	True

Object	Property Name	Property Value
A10 : ST1/A10	Name	A10
	Number	A10
	Swap Id	-1
	Type	Passive
	Net Name	TM1P1-
	Order	11
	Is No Connect	True

Object	Property Name	Property Value
A11 : ST1/A11	Name	A11
	Number	A11
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	12
	Is No Connect	True

Object	Property Name	Property Value
A12 : ST1/A12	Name	A12
	Number	A12
	Swap Id	-1
	Type	Passive
	Net Name	CON_CHK6
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
A13 : ST1/A13	Name	A13
	Number	A13
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	14
	Is No Connect	True

Object	Property Name	Property Value
A14 : ST1/A14	Name	A14
	Number	A14
	Swap Id	-1
	Type	Passive
	Net Name	TM2P2+
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
A15 : ST1/A15	Name	A15
	Number	A15
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	16
	Is No Connect	True

Object	Property Name	Property Value
A16 : ST1/A16	Name	A16
	Number	A16
	Swap Id	-1
	Type	Passive
	Net Name	lv_con_chk6
	Order	17
	Is No Connect	False

Object	Property Name	Property Value
A17 : ST1/A17	Name	A17
	Number	A17
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	18
	Is No Connect	True

Object	Property Name	Property Value
A18 : ST1/A18	Name	A18
	Number	A18
	Swap Id	-1
	Type	Passive
	Net Name	lv_rpm1p1
	Order	19
	Is No Connect	False

Object	Property Name	Property Value
A19 : ST1/A19	Name	A19
	Number	A19
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	20
	Is No Connect	True

Object	Property Name	Property Value
A20 : ST1/A20	Name	A20
	Number	A20
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm1p2
	Order	21
	Is No Connect	True

Object	Property Name	Property Value
A21 : ST1/A21	Name	A21
	Number	A21
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	22
	Is No Connect	True

Object	Property Name	Property Value
A22 : ST1/A22	Name	A22
	Number	A22
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	23
	Is No Connect	True

Object	Property Name	Property Value
A23 : ST1/A23	Name	A23
	Number	A23
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	24
	Is No Connect	True

Object	Property Name	Property Value
A24 : ST1/A24	Name	A24
	Number	A24
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	25
	Is No Connect	True

Object	Property Name	Property Value
A25 : ST1/A25	Name	A25
	Number	A25
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	26
	Is No Connect	True

Object	Property Name	Property Value
A26 : ST1/A26	Name	A26
	Number	A26
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	27
	Is No Connect	True

Object	Property Name	Property Value
A27 : ST1/A27	Name	A27
	Number	A27
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	28
	Is No Connect	True

Object	Property Name	Property Value
A28 : ST1/A28	Name	A28
	Number	A28
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	29
	Is No Connect	True

Object	Property Name	Property Value
A29 : ST1/A29	Name	A29
	Number	A29
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	30
	Is No Connect	True

Object	Property Name	Property Value
A30 : ST1/A30	Name	A30
	Number	A30
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	31
	Is No Connect	False

Object	Property Name	Property Value
A31 : ST1/A31	Name	A31
	Number	A31
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	32
	Is No Connect	False

Object	Property Name	Property Value
A32 : ST1/A32	Name	A32
	Number	A32
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	33
	Is No Connect	False

Object	Property Name	Property Value
INS16777581 : ST1	Name	INS16777581
	ID	144
	Reference	ST1
	Designator	C
	Part Reference	ST1C
	Value	09036966921
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	32X3_EU_RA_09031966921222

Object	Property Name	Property Value
C1 : ST1/C1	Name	C1
	Number	C1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	True

Object	Property Name	Property Value
C2 : ST1/C2	Name	C2
	Number	C2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_15
	Order	1
	Is No Connect	True

Object	Property Name	Property Value
C3 : ST1/C3	Name	C3
	Number	C3
	Swap Id	-1
	Type	Passive
	Net Name	VCC_15N
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
C4 : ST1/C4	Name	C4
	Number	C4
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
C5 : ST1/C5	Name	C5
	Number	C5
	Swap Id	-1
	Type	Passive
	Net Name	TM1P1+
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
C6 : ST1/C6	Name	C6
	Number	C6
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
C7 : ST1/C7	Name	C7
	Number	C7
	Swap Id	-1
	Type	Passive
	Net Name	TM1P2-
	Order	6
	Is No Connect	True

Object	Property Name	Property Value
C8 : ST1/C8	Name	C8
	Number	C8
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
C9 : ST1/C9	Name	C9
	Number	C9
	Swap Id	-1
	Type	Passive
	Net Name	RPM2P2
	Order	8
	Is No Connect	True

Object	Property Name	Property Value
C10 : ST1/C10	Name	C10
	Number	C10
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	9
	Is No Connect	True

Object	Property Name	Property Value
C11 : ST1/C11	Name	C11
	Number	C11
	Swap Id	-1
	Type	Passive
	Net Name	TM2P1-
	Order	10
	Is No Connect	True

Object	Property Name	Property Value
C12 : ST1/C12	Name	C12
	Number	C12
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	11
	Is No Connect	True

Object	Property Name	Property Value
C13 : ST1/C13	Name	C13
	Number	C13
	Swap Id	-1
	Type	Passive
	Net Name	CON_CHK7
	Order	12
	Is No Connect	True

Object	Property Name	Property Value
C14 : ST1/C14	Name	C14
	Number	C14
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
C15 : ST1/C15	Name	C15
	Number	C15
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm1p1
	Order	14
	Is No Connect	True

Object	Property Name	Property Value
C16 : ST1/C16	Name	C16
	Number	C16
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
C17 : ST1/C17	Name	C17
	Number	C17
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm2p2
	Order	16
	Is No Connect	True

Object	Property Name	Property Value
C18 : ST1/C18	Name	C18
	Number	C18
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	17
	Is No Connect	False

Object	Property Name	Property Value
C19 : ST1/C19	Name	C19
	Number	C19
	Swap Id	-1
	Type	Passive
	Net Name	lv_rpm2p2
	Order	18
	Is No Connect	True

Object	Property Name	Property Value
C20 : ST1/C20	Name	C20
	Number	C20
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	19
	Is No Connect	True

Object	Property Name	Property Value
C21 : ST1/C21	Name	C21
	Number	C21
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	20
	Is No Connect	True

Object	Property Name	Property Value
C22 : ST1/C22	Name	C22
	Number	C22
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	21
	Is No Connect	True

Object	Property Name	Property Value
C23 : ST1/C23	Name	C23
	Number	C23
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	22
	Is No Connect	True

Object	Property Name	Property Value
C24 : ST1/C24	Name	C24
	Number	C24
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	23
	Is No Connect	True

Object	Property Name	Property Value
C25 : ST1/C25	Name	C25
	Number	C25
	Swap Id	-1
	Type	Passive
	Net Name	CON_CHK7
	Order	24
	Is No Connect	True

Object	Property Name	Property Value
C26 : ST1/C26	Name	C26
	Number	C26
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	25
	Is No Connect	True

Object	Property Name	Property Value
C27 : ST1/C27	Name	C27
	Number	C27
	Swap Id	-1
	Type	Passive
	Net Name	i2c_scl
	Order	26
	Is No Connect	True

Object	Property Name	Property Value
C28 : ST1/C28	Name	C28
	Number	C28
	Swap Id	-1
	Type	Passive
	Net Name	i2c_sda
	Order	27
	Is No Connect	True

Object	Property Name	Property Value
C29 : ST1/C29	Name	C29
	Number	C29
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	28
	Is No Connect	True

Object	Property Name	Property Value
C30 : ST1/C30	Name	C30
	Number	C30
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	29
	Is No Connect	False

Object	Property Name	Property Value
C31 : ST1/C31	Name	C31
	Number	C31
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	30
	Is No Connect	False

Object	Property Name	Property Value
C32 : ST1/C32	Name	C32
	Number	C32
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	31
	Is No Connect	False

Object	Property Name	Property Value
INS16778095 : ST2	Name	INS16778095
	ID	178
	Reference	ST2
	Designator	B
	Part Reference	ST2B
	Value	09036966921
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	32X3_EU_RA_09031966921222

Object	Property Name	Property Value
B1 : ST2/B1	Name	B1
	Number	B1
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
B2 : ST2/B2	Name	B2
	Number	B2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	1
	Is No Connect	True

Object	Property Name	Property Value
B3 : ST2/B3	Name	B3
	Number	B3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	2
	Is No Connect	True

Object	Property Name	Property Value
B4 : ST2/B4	Name	B4
	Number	B4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
B5 : ST2/B5	Name	B5
	Number	B5
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
B6 : ST2/B6	Name	B6
	Number	B6
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
B7 : ST2/B7	Name	B7
	Number	B7
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	6
	Is No Connect	True

Object	Property Name	Property Value
B8 : ST2/B8	Name	B8
	Number	B8
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	7
	Is No Connect	True

Object	Property Name	Property Value
B9 : ST2/B9	Name	B9
	Number	B9
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	8
	Is No Connect	True

Object	Property Name	Property Value
B10 : ST2/B10	Name	B10
	Number	B10
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	9
	Is No Connect	True

Object	Property Name	Property Value
B11 : ST2/B11	Name	B11
	Number	B11
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	10
	Is No Connect	True

Object	Property Name	Property Value
B12 : ST2/B12	Name	B12
	Number	B12
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	11
	Is No Connect	True

Object	Property Name	Property Value
B13 : ST2/B13	Name	B13
	Number	B13
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	12
	Is No Connect	True

Object	Property Name	Property Value
B14 : ST2/B14	Name	B14
	Number	B14
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	13
	Is No Connect	True

Object	Property Name	Property Value
B15 : ST2/B15	Name	B15
	Number	B15
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	14
	Is No Connect	True

Object	Property Name	Property Value
B16 : ST2/B16	Name	B16
	Number	B16
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	15
	Is No Connect	True

Object	Property Name	Property Value
B17 : ST2/B17	Name	B17
	Number	B17
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	16
	Is No Connect	True

Object	Property Name	Property Value
B18 : ST2/B18	Name	B18
	Number	B18
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	17
	Is No Connect	True

Object	Property Name	Property Value
B19 : ST2/B19	Name	B19
	Number	B19
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	18
	Is No Connect	True

Object	Property Name	Property Value
B20 : ST2/B20	Name	B20
	Number	B20
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	19
	Is No Connect	True

Object	Property Name	Property Value
B21 : ST2/B21	Name	B21
	Number	B21
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	20
	Is No Connect	True

Object	Property Name	Property Value
B22 : ST2/B22	Name	B22
	Number	B22
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	21
	Is No Connect	True

Object	Property Name	Property Value
B23 : ST2/B23	Name	B23
	Number	B23
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	22
	Is No Connect	True

Object	Property Name	Property Value
B24 : ST2/B24	Name	B24
	Number	B24
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	23
	Is No Connect	True

Object	Property Name	Property Value
B25 : ST2/B25	Name	B25
	Number	B25
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	24
	Is No Connect	True

Object	Property Name	Property Value
B26 : ST2/B26	Name	B26
	Number	B26
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	25
	Is No Connect	True

Object	Property Name	Property Value
B27 : ST2/B27	Name	B27
	Number	B27
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	26
	Is No Connect	True

Object	Property Name	Property Value
B28 : ST2/B28	Name	B28
	Number	B28
	Swap Id	-1
	Type	Passive
	Net Name	VCC_24N
	Order	27
	Is No Connect	False

Object	Property Name	Property Value
B29 : ST2/B29	Name	B29
	Number	B29
	Swap Id	-1
	Type	Passive
	Net Name	VCC_24N
	Order	28
	Is No Connect	False

Object	Property Name	Property Value
B30 : ST2/B30	Name	B30
	Number	B30
	Swap Id	-1
	Type	Passive
	Net Name	VCC_24
	Order	29
	Is No Connect	False

Object	Property Name	Property Value
B31 : ST2/B31	Name	B31
	Number	B31
	Swap Id	-1
	Type	Passive
	Net Name	VCC_24
	Order	30
	Is No Connect	False

Object	Property Name	Property Value
B32 : ST2/B32	Name	B32
	Number	B32
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	31
	Is No Connect	False

Object	Property Name	Property Value
INS16777518 : ST1	Name	INS16777518
	ID	111
	Reference	ST1
	Designator	B
	Part Reference	ST1B
	Value	09036966921
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	32X3_EU_RA_09031966921222

Object	Property Name	Property Value
B1 : ST1/B1	Name	B1
	Number	B1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	True

Object	Property Name	Property Value
B2 : ST1/B2	Name	B2
	Number	B2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_15
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
B3 : ST1/B3	Name	B3
	Number	B3
	Swap Id	-1
	Type	Passive
	Net Name	VCC_15N
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
B4 : ST1/B4	Name	B4
	Number	B4
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
B5 : ST1/B5	Name	B5
	Number	B5
	Swap Id	-1
	Type	Passive
	Net Name	RPM1P2
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
B6 : ST1/B6	Name	B6
	Number	B6
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
B7 : ST1/B7	Name	B7
	Number	B7
	Swap Id	-1
	Type	Passive
	Net Name	TM1P2+
	Order	6
	Is No Connect	True

Object	Property Name	Property Value
B8 : ST1/B8	Name	B8
	Number	B8
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	7
	Is No Connect	True

Object	Property Name	Property Value
B9 : ST1/B9	Name	B9
	Number	B9
	Swap Id	-1
	Type	Passive
	Net Name	RPM2P1
	Order	8
	Is No Connect	True

Object	Property Name	Property Value
B10 : ST1/B10	Name	B10
	Number	B10
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	9
	Is No Connect	True

Object	Property Name	Property Value
B11 : ST1/B11	Name	B11
	Number	B11
	Swap Id	-1
	Type	Passive
	Net Name	TM2P1+
	Order	10
	Is No Connect	True

Object	Property Name	Property Value
B12 : ST1/B12	Name	B12
	Number	B12
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	11
	Is No Connect	True

Object	Property Name	Property Value
B13 : ST1/B13	Name	B13
	Number	B13
	Swap Id	-1
	Type	Passive
	Net Name	TM2P2-
	Order	12
	Is No Connect	True

Object	Property Name	Property Value
B14 : ST1/B14	Name	B14
	Number	B14
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
B15 : ST1/B15	Name	B15
	Number	B15
	Swap Id	-1
	Type	Passive
	Net Name	lv_con_chk7
	Order	14
	Is No Connect	True

Object	Property Name	Property Value
B16 : ST1/B16	Name	B16
	Number	B16
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	15
	Is No Connect	True

Object	Property Name	Property Value
B17 : ST1/B17	Name	B17
	Number	B17
	Swap Id	-1
	Type	Passive
	Net Name	lv_rpm1p2
	Order	16
	Is No Connect	True

Object	Property Name	Property Value
B18 : ST1/B18	Name	B18
	Number	B18
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	17
	Is No Connect	True

Object	Property Name	Property Value
B19 : ST1/B19	Name	B19
	Number	B19
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm2p1
	Order	18
	Is No Connect	True

Object	Property Name	Property Value
B20 : ST1/B20	Name	B20
	Number	B20
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	19
	Is No Connect	True

Object	Property Name	Property Value
B21 : ST1/B21	Name	B21
	Number	B21
	Swap Id	-1
	Type	Passive
	Net Name	lv_rpm2p1
	Order	20
	Is No Connect	True

Object	Property Name	Property Value
B22 : ST1/B22	Name	B22
	Number	B22
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	21
	Is No Connect	True

Object	Property Name	Property Value
B23 : ST1/B23	Name	B23
	Number	B23
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	22
	Is No Connect	True

Object	Property Name	Property Value
B24 : ST1/B24	Name	B24
	Number	B24
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	23
	Is No Connect	True

Object	Property Name	Property Value
B25 : ST1/B25	Name	B25
	Number	B25
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	24
	Is No Connect	True

Object	Property Name	Property Value
B26 : ST1/B26	Name	B26
	Number	B26
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	25
	Is No Connect	True

Object	Property Name	Property Value
B27 : ST1/B27	Name	B27
	Number	B27
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	26
	Is No Connect	True

Object	Property Name	Property Value
B28 : ST1/B28	Name	B28
	Number	B28
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	27
	Is No Connect	True

Object	Property Name	Property Value
B29 : ST1/B29	Name	B29
	Number	B29
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	28
	Is No Connect	True

Object	Property Name	Property Value
B30 : ST1/B30	Name	B30
	Number	B30
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	29
	Is No Connect	True

Object	Property Name	Property Value
B31 : ST1/B31	Name	B31
	Number	B31
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	30
	Is No Connect	False

Object	Property Name	Property Value
B32 : ST1/B32	Name	B32
	Number	B32
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	31
	Is No Connect	False

Object	Property Name	Property Value
INS16778133 : ST2	Name	INS16778133
	ID	78
	Reference	ST2
	Designator	C
	Part Reference	ST2C
	Value	09036966921
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	32X3_EU_RA_09031966921222

Object	Property Name	Property Value
C1 : ST2/C1	Name	C1
	Number	C1
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
C2 : ST2/C2	Name	C2
	Number	C2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	1
	Is No Connect	True

Object	Property Name	Property Value
C3 : ST2/C3	Name	C3
	Number	C3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	2
	Is No Connect	True

Object	Property Name	Property Value
C4 : ST2/C4	Name	C4
	Number	C4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
C5 : ST2/C5	Name	C5
	Number	C5
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
C6 : ST2/C6	Name	C6
	Number	C6
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
C7 : ST2/C7	Name	C7
	Number	C7
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	6
	Is No Connect	True

Object	Property Name	Property Value
C8 : ST2/C8	Name	C8
	Number	C8
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	7
	Is No Connect	True

Object	Property Name	Property Value
C9 : ST2/C9	Name	C9
	Number	C9
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	8
	Is No Connect	True

Object	Property Name	Property Value
C10 : ST2/C10	Name	C10
	Number	C10
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	9
	Is No Connect	True

Object	Property Name	Property Value
C11 : ST2/C11	Name	C11
	Number	C11
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	10
	Is No Connect	True

Object	Property Name	Property Value
C12 : ST2/C12	Name	C12
	Number	C12
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	11
	Is No Connect	True

Object	Property Name	Property Value
C13 : ST2/C13	Name	C13
	Number	C13
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	12
	Is No Connect	True

Object	Property Name	Property Value
C14 : ST2/C14	Name	C14
	Number	C14
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	13
	Is No Connect	True

Object	Property Name	Property Value
C15 : ST2/C15	Name	C15
	Number	C15
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	14
	Is No Connect	True

Object	Property Name	Property Value
C16 : ST2/C16	Name	C16
	Number	C16
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	15
	Is No Connect	True

Object	Property Name	Property Value
C17 : ST2/C17	Name	C17
	Number	C17
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	16
	Is No Connect	True

Object	Property Name	Property Value
C18 : ST2/C18	Name	C18
	Number	C18
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	17
	Is No Connect	True

Object	Property Name	Property Value
C19 : ST2/C19	Name	C19
	Number	C19
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	18
	Is No Connect	True

Object	Property Name	Property Value
C20 : ST2/C20	Name	C20
	Number	C20
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	19
	Is No Connect	True

Object	Property Name	Property Value
C21 : ST2/C21	Name	C21
	Number	C21
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	20
	Is No Connect	True

Object	Property Name	Property Value
C22 : ST2/C22	Name	C22
	Number	C22
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	21
	Is No Connect	True

Object	Property Name	Property Value
C23 : ST2/C23	Name	C23
	Number	C23
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	22
	Is No Connect	True

Object	Property Name	Property Value
C24 : ST2/C24	Name	C24
	Number	C24
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	23
	Is No Connect	True

Object	Property Name	Property Value
C25 : ST2/C25	Name	C25
	Number	C25
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	24
	Is No Connect	True

Object	Property Name	Property Value
C26 : ST2/C26	Name	C26
	Number	C26
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	25
	Is No Connect	True

Object	Property Name	Property Value
C27 : ST2/C27	Name	C27
	Number	C27
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	26
	Is No Connect	True

Object	Property Name	Property Value
C28 : ST2/C28	Name	C28
	Number	C28
	Swap Id	-1
	Type	Passive
	Net Name	VCC_24N
	Order	27
	Is No Connect	False

Object	Property Name	Property Value
C29 : ST2/C29	Name	C29
	Number	C29
	Swap Id	-1
	Type	Passive
	Net Name	VCC_24N
	Order	28
	Is No Connect	False

Object	Property Name	Property Value
C30 : ST2/C30	Name	C30
	Number	C30
	Swap Id	-1
	Type	Passive
	Net Name	VCC_24
	Order	29
	Is No Connect	False

Object	Property Name	Property Value
C31 : ST2/C31	Name	C31
	Number	C31
	Swap Id	-1
	Type	Passive
	Net Name	VCC_24
	Order	30
	Is No Connect	False

Object	Property Name	Property Value
C32 : ST2/C32	Name	C32
	Number	C32
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	31
	Is No Connect	False

Object	Property Name	Property Value
INS16778055 : ST2	Name	INS16778055
	ID	8
	Reference	ST2
	Designator	A
	Part Reference	ST2A
	Value	09036966921
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	32X3_EU_RA_09031966921222

Object	Property Name	Property Value
G1 : ST2/G1	Name	G1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	0
	Is No Connect	True

Object	Property Name	Property Value
G2 : ST2/G2	Name	G2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	1
	Is No Connect	True

Object	Property Name	Property Value
A1 : ST2/A1	Name	A1
	Number	A1
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	2
	Is No Connect	True

Object	Property Name	Property Value
A2 : ST2/A2	Name	A2
	Number	A2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
A3 : ST2/A3	Name	A3
	Number	A3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
A4 : ST2/A4	Name	A4
	Number	A4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
A5 : ST2/A5	Name	A5
	Number	A5
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	6
	Is No Connect	True

Object	Property Name	Property Value
A6 : ST2/A6	Name	A6
	Number	A6
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	7
	Is No Connect	True

Object	Property Name	Property Value
A7 : ST2/A7	Name	A7
	Number	A7
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	8
	Is No Connect	True

Object	Property Name	Property Value
A8 : ST2/A8	Name	A8
	Number	A8
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	9
	Is No Connect	True

Object	Property Name	Property Value
A9 : ST2/A9	Name	A9
	Number	A9
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	10
	Is No Connect	True

Object	Property Name	Property Value
A10 : ST2/A10	Name	A10
	Number	A10
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	11
	Is No Connect	True

Object	Property Name	Property Value
A11 : ST2/A11	Name	A11
	Number	A11
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	12
	Is No Connect	True

Object	Property Name	Property Value
A12 : ST2/A12	Name	A12
	Number	A12
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	13
	Is No Connect	True

Object	Property Name	Property Value
A13 : ST2/A13	Name	A13
	Number	A13
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	14
	Is No Connect	True

Object	Property Name	Property Value
A14 : ST2/A14	Name	A14
	Number	A14
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	15
	Is No Connect	True

Object	Property Name	Property Value
A15 : ST2/A15	Name	A15
	Number	A15
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	16
	Is No Connect	True

Object	Property Name	Property Value
A16 : ST2/A16	Name	A16
	Number	A16
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	17
	Is No Connect	True

Object	Property Name	Property Value
A17 : ST2/A17	Name	A17
	Number	A17
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	18
	Is No Connect	True

Object	Property Name	Property Value
A18 : ST2/A18	Name	A18
	Number	A18
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	19
	Is No Connect	True

Object	Property Name	Property Value
A19 : ST2/A19	Name	A19
	Number	A19
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	20
	Is No Connect	True

Object	Property Name	Property Value
A20 : ST2/A20	Name	A20
	Number	A20
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	21
	Is No Connect	True

Object	Property Name	Property Value
A21 : ST2/A21	Name	A21
	Number	A21
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	22
	Is No Connect	True

Object	Property Name	Property Value
A22 : ST2/A22	Name	A22
	Number	A22
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	23
	Is No Connect	True

Object	Property Name	Property Value
A23 : ST2/A23	Name	A23
	Number	A23
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	24
	Is No Connect	True

Object	Property Name	Property Value
A24 : ST2/A24	Name	A24
	Number	A24
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	25
	Is No Connect	True

Object	Property Name	Property Value
A25 : ST2/A25	Name	A25
	Number	A25
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	26
	Is No Connect	True

Object	Property Name	Property Value
A26 : ST2/A26	Name	A26
	Number	A26
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	27
	Is No Connect	True

Object	Property Name	Property Value
A27 : ST2/A27	Name	A27
	Number	A27
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	28
	Is No Connect	True

Object	Property Name	Property Value
A28 : ST2/A28	Name	A28
	Number	A28
	Swap Id	-1
	Type	Passive
	Net Name	VCC_24N
	Order	29
	Is No Connect	False

Object	Property Name	Property Value
A29 : ST2/A29	Name	A29
	Number	A29
	Swap Id	-1
	Type	Passive
	Net Name	VCC_24N
	Order	30
	Is No Connect	True

Object	Property Name	Property Value
A30 : ST2/A30	Name	A30
	Number	A30
	Swap Id	-1
	Type	Passive
	Net Name	VCC_24
	Order	31
	Is No Connect	False

Object	Property Name	Property Value
A31 : ST2/A31	Name	A31
	Number	A31
	Swap Id	-1
	Type	Passive
	Net Name	VCC_24
	Order	32
	Is No Connect	False

Object	Property Name	Property Value
A32 : ST2/A32	Name	A32
	Number	A32
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	33
	Is No Connect	False

Object	Property Name	Property Value
+15V & GND power source will be used for MGFS102415 Module.	Name	I16796889
	Bounding Box Left	270
	Bounding Box Right	567
	Bounding Box Top	410
	Bounding Box Bottom	419
	Text	+15V & GND power source will be used for MGFS102415 Module.
	Text Location X-Coordinate	270
	Text Location Y-Coordinate	410
	Font	Courier New

Object	Property Name	Property Value
+24V & -24V power source will be used for MGS104815 Module	Name	I16796890
	Bounding Box Left	270
	Bounding Box Right	567
	Bounding Box Top	420
	Bounding Box Bottom	429
	Text	+24V & -24V power source will be used for MGS104815 Module.
	Text Location X-Coordinate	270
	Text Location Y-Coordinate	420
	Font	Courier New

Object	Property Name	Property Value
N16796794 : N16796794 (Wire ID = 16796794)	Name	N16796794

Object	Property Name	Property Value
N16796794 : N16796794 (Wire ID = 16796797)	Name	N16796794

Object	Property Name	Property Value
N16796794 : N16796794 (Wire ID = 16796803)	Name	N16796794

Object	Property Name	Property Value
N16796794 : N16796794 (Wire ID = 16796805)	Name	N16796794

Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796812)	Name	N16796812

Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796815)	Name	N16796812

Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796819)	Name	N16796812

Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796820)	Name	N16796812

Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796824)	Name	N16796812

Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796826)	Name	N16796812

Object	Property Name	Property Value
N16796835 : N16796835 (Wire ID = 16796835)	Name	N16796835

Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796838)	Name	N16796812

Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796841)	Name	N16796812

Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796842)	Name	N16796812

Object	Property Name	Property Value
N16796847 : N16796847 (Wire ID = 16796847)	Name	N16796847

Object	Property Name	Property Value
N16796847 : N16796847 (Wire ID = 16796850)	Name	N16796847

Object	Property Name	Property Value
N16796847 : N16796847 (Wire ID = 16796851)	Name	N16796847

Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796856)	Name	N16796812

Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796858)	Name	N16796812

Object	Property Name	Property Value
VCC_15 : VCC_15 (Wire ID = 16799099)	Name	VCC_15

Object	Property Name	Property Value
VCC_15 : VCC_15 (Wire ID = 16799100)	Name	VCC_15

Object	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16799104)	Name	VCC_24

Object	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16799105)	Name	VCC_24

Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16799159)	Name	VCC_24N

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16799162)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16799165)	Name	GND_SIGNAL

Object	Property Name	Property Value
N16796794 : N16796794 (Wire ID = 16799213)	Name	N16796794

Object	Property Name	Property Value
N16796794 : N16796794 (Wire ID = 16799214)	Name	N16796794

Object	Property Name	Property Value
+15V_iso : +15V_ISO (Wire ID = 16799241)	Name	+15V_ISO

Object	Property Name	Property Value
+15V_iso : +15V_ISO (Wire ID = 16799244)	Name	+15V_ISO

Object	Property Name	Property Value
+15V_iso : +15V_ISO (Wire ID = 16799271)	Name	+15V_ISO

Object	Property Name	Property Value
+15V_iso : +15V_ISO (Wire ID = 16799277)	Name	+15V_ISO

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16799297)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16799302)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16799447)	Name	GND_SIGNAL

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16799454)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16799455)	Name	VCC_5

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16799459)	Name	VCC_3_3

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16799460)	Name	VCC_3_3

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16799464)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16799472)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16799473)	Name	GND_SIGNAL

Object	Property Name	Property Value
VCC_24N	Name	VCC_24N
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

Object	Property Name	Property Value
VCC_24	Name	VCC_24
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_15	Name	VCC_15
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
+15V_iso	Name	+15V_iso
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
+15V_iso	Name	+15V_iso
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
+15V_iso	Name	+15V_iso
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

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

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

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

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

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_3_3	Name	VCC_3_3
	Source Library	E:\PCB_DEV\LIBRARY\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
general : general	Path Name	general
	Schematic Path	/
	ID	1630
	Title	POWER SUPPLY
	Page Count	12
	Page content	SCH-BH-MST219-2341-1A-01
	Page Number	06
	Document Name	Motor Speed & Temperature card (BH-MST-219)
	Name	general
	Design Name	BH-MST-219-2352-1A-01
	Design File Name	C:\VISH RANA\PROJECT\BHEL METRO\BHEL DEVLOPING\2023 BHEL\TR.
	Design Create Date	Tuesday, December 26, 2023
	Design Modify Date	Wednesday, December 27, 2023
	Design Create Time	11:02:16
	Design Modify Time	17:51:00
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, December 26, 2023
	Schematic Modify Date	Wednesday, December 27, 2023
	Schematic Create Time	11:02:18
	Schematic Modify Time	17:51:02
	Schematic Page Count	0
	Schematic Page Number	0
	Page Size	A4
	Page Create Date	Wednesday, December 27, 2023
	Page Modify Date	Wednesday, December 27, 2023
	Page Create Time	11:22:23
	Page Modify Time	17:49:58
	Source Library	C:\VISH RANA\LIB\ORCAD\TEMP1.OLB
	Source Symbol	general
	Page Name	s_06_power_supply
	RevCode	1A
	Verified Date	27-SEP-23
	Designed Date	27-SEP-23
	Drawn Date	27-SEP-23
	Verified By	CKR,HS
	Drawn By	KSB
	Designed By	KSB

Object	Property Name	Property Value
INS16796706 : R83	Name	INS16796706
	ID	1581
	Reference	R83
	Designator	
	Part Reference	R83
	Value	0R-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	ETH_PHY
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R83/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_15
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R83/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16796794
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16799436 : C44	Name	INS16799436
	ID	1624
	Reference	C44
	Designator	
	Part Reference	C44
	Value	1u-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C44/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C44/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16796719 : R84	Name	INS16796719
	ID	1584
	Reference	R84
	Designator	
	Part Reference	R84
	Value	NL-0R-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	ETH_PHY
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R84/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_24
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R84/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16796794
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16796732 : R85	Name	INS16796732
	ID	1587
	Reference	R85
	Designator	
	Part Reference	R85
	Value	NL-0R-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	ETH_PHY
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R85/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_24N
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R85/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16796812
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16796745 : R86	Name	INS16796745
	ID	1590
	Reference	R86
	Designator	
	Part Reference	R86
	Value	0R-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	ETH_PHY
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R86/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R86/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16796812
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16796758 : C46	Name	INS16796758
	ID	1593
	Reference	C46
	Designator	
	Part Reference	C46
	Value	GR443QR73D222KW01L-1812
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	GR443QR73D222KW01L

Object	Property Name	Property Value
1 : C46/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16796847
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C46/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16796812
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16799390 : C42	Name	INS16799390
	ID	1618
	Reference	C42
	Designator	
	Part Reference	C42
	Value	22u-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_1206

Object	Property Name	Property Value
1 : C42/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C42/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	+15V_iso
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16796771 : C47	Name	INS16796771
	ID	1596
	Reference	C47
	Designator	
	Part Reference	C47
	Value	EEU-FM1H101B-100u-50V
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	CAPPRD500W60D800H1150

Object	Property Name	Property Value
1 : C47/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	+15V_iso
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C47/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16796878 : VR1	Name	INS16796878
	ID	1608
	Reference	VR1
	Designator	
	Part Reference	VR1
	Value	MCP1700T-3302E_TT
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	
	OriginalSymbolOrigin	(-50000,20000)
	Price	None
	MP	MCP1700T-3302E/TT
	Package	SOT-23 Microchip
	Availability	In Stock
	MF	Microchip
	Purchase_URL	https://pricing.snapeda.com/search/part/MCP1700T-3302E/TT/?ref=eda
	Description	Linear Voltage Regulator IC Positive Fixed 1 Output 250mA SOT-23-3

Object	Property Name	Property Value
GND : VR1/GND	Name	GND
	Number	1
	Swap Id	-1
	Type	Power
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
VOUT : VR1/VOUT	Name	VOUT
	Number	2
	Swap Id	-1
	Type	Output
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
VIN : VR1/VIN	Name	VIN
	Number	3
	Swap Id	-1
	Type	Input
	Net Name	VCC_5
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
INS16796680 : R82	Name	INS16796680
	ID	1575
	Reference	R82
	Designator	
	Part Reference	R82
	Value	0R-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	ETH_PHY
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R82/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16796812
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R82/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16796835
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16796484 : U14	Name	INS16796484
	ID	1548
	Reference	U14
	Designator	
	Part Reference	U14
	Value	MGFS102415
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
+VIN : U14/+VIN	Name	+VIN
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16796794
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
RC : U14/RC	Name	RC
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	N16796835
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
-VIN : U14/-VIN	Name	-VIN
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16796812
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
NC1 : U14/NC1	Name	NC1
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
-VOUT : U14/-VOUT	Name	-VOUT
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	N16796847
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
NC2 : U14/NC2	Name	NC2
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
+VOUT : U14/+VOUT	Name	+VOUT
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	+15V_iso
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
INS16796693 : C45	Name	INS16796693
	ID	1578
	Reference	C45
	Designator	
	Part Reference	C45
	Value	EKZE101ELL101MK16S-100u-100V
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	EKZE101ELL101MK16S

Object	Property Name	Property Value
1 : C45/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16796794
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C45/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16796812
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16799423 : C43	Name	INS16799423
	ID	1621
	Reference	C43
	Designator	
	Part Reference	C43
	Value	1u-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C43/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C43/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
Rectangle	Name	I16795790
	Left	10
	Top	20
	Right	510
	Bottom	460
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I16795793
	Left	520
	Top	20
	Right	1140
	Bottom	460
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
7 Segment Display connector	Name	I16795787
	Bounding Box Left	700
	Bounding Box Right	1022
	Bounding Box Top	60
	Bounding Box Bottom	79
	Text	7 Segment Display connector
	Text Location X-Coordinate	700
	Text Location Y-Coordinate	60
	Font	Verdana

Object	Property Name	Property Value
I/O Expander	Name	I16796293
	Bounding Box Left	200
	Bounding Box Right	400
	Bounding Box Top	40
	Bounding Box Bottom	67
	Text	I/O Expander
	Text Location X-Coordinate	200
	Text Location Y-Coordinate	40
	Font	Courier New

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16795807)	Name	VCC_3_3

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16795809)	Name	VCC_3_3

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16795811)	Name	VCC_3_3

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16795821)	Name	VCC_3_3

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16795823)	Name	VCC_3_3

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16795825)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16795827)	Name	GND_SIGNAL

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16795858)	Name	VCC_3_3

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16795860)	Name	VCC_3_3

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16795862)	Name	VCC_3_3

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16795864)	Name	VCC_3_3

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16795866)	Name	VCC_3_3

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16795868)	Name	VCC_3_3

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16795878)	Name	VCC_3_3

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16795880)	Name	VCC_3_3

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16795882)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16795884)	Name	GND_SIGNAL

Object	Property Name	Property Value
N16795886 : N16795886 (Wire ID = 16795886)	Name	N16795886

Object	Property Name	Property Value
N16795886 : N16795886 (Wire ID = 16795888)	Name	N16795886

Object	Property Name	Property Value
N16795890 : N16795890 (Wire ID = 16795890)	Name	N16795890

Object	Property Name	Property Value
N16795890 : N16795890 (Wire ID = 16795892)	Name	N16795890

Object	Property Name	Property Value
N16795958 : N16795958 (Wire ID = 16795958)	Name	N16795958

Object	Property Name	Property Value
N16795958 : N16795958 (Wire ID = 16795960)	Name	N16795958

Object	Property Name	Property Value
N16795962 : N16795962 (Wire ID = 16795962)	Name	N16795962

Object	Property Name	Property Value
N16795962 : N16795962 (Wire ID = 16795964)	Name	N16795962

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16795966)	Name	VCC_3_3

Object	Property Name	Property Value
a1 : A1 (Wire ID = 16795968)	Name	A1

Object	Property Name	Property Value
dsp_rst_io : DSP_RST_IO (Wire ID = 16795971)	Name	DSP_RST_IO

Object	Property Name	Property Value
dsp_intn : DSP_INTN (Wire ID = 16795973)	Name	DSP_INTN

Object	Property Name	Property Value
b1 : B1 (Wire ID = 16795975)	Name	B1

Object	Property Name	Property Value
lpfg_i2c_sda : LPFG_I2C_SDA (Wire ID = 16795978)	IREF	[05,10,13]
	Name	LPFG_I2C_SDA

Object	Property Name	Property Value
lpfg_i2c_scl : LPFG_I2C_SCL (Wire ID = 16795980)	IREF	[05,10,13]
	Name	LPFG_I2C_SCL

Object	Property Name	Property Value
c1 : C1 (Wire ID = 16795982)	Name	C1

Object	Property Name	Property Value
N16795985 : N16795985 (Wire ID = 16795985)	Name	N16795985

Object	Property Name	Property Value
N16795985 : N16795985 (Wire ID = 16795987)	Name	N16795985

Object	Property Name	Property Value
N16795989 : N16795989 (Wire ID = 16795989)	Name	N16795989

Object	Property Name	Property Value
N16795989 : N16795989 (Wire ID = 16795991)	Name	N16795989

Object	Property Name	Property Value
d1 : D1 (Wire ID = 16796001)	Name	D1

Object	Property Name	Property Value
dsp_intn : DSP_INTN (Wire ID = 16796048)	Name	DSP_INTN

Object	Property Name	Property Value
N16796051 : N16796051 (Wire ID = 16796051)	Name	N16796051

Object	Property Name	Property Value
e1 : E1 (Wire ID = 16796053)	Name	E1

Object	Property Name	Property Value
a1 : A1 (Wire ID = 16796056)	Name	A1

Object	Property Name	Property Value
a2 : A2 (Wire ID = 16796059)	Name	A2

Object	Property Name	Property Value
dsp_rst_io : DSP_RST_IO (Wire ID = 16796062)	Name	DSP_RST_IO

Object	Property Name	Property Value
f1 : F1 (Wire ID = 16796065)	Name	F1

Object	Property Name	Property Value
b1 : B1 (Wire ID = 16796068)	Name	B1

Object	Property Name	Property Value
N16795958 : N16795958 (Wire ID = 16796071)	Name	N16795958

Object	Property Name	Property Value
N16796073 : N16796073 (Wire ID = 16796073)	Name	N16796073

Object	Property Name	Property Value
N16796073 : N16796073 (Wire ID = 16796075)	Name	N16796073

Object	Property Name	Property Value
N16796077 : N16796077 (Wire ID = 16796077)	Name	N16796077

Object	Property Name	Property Value
N16796077 : N16796077 (Wire ID = 16796079)	Name	N16796077

Object	Property Name	Property Value
N16795962 : N16795962 (Wire ID = 16796081)	Name	N16795962

Object	Property Name	Property Value
b2 : B2 (Wire ID = 16796083)	Name	B2

Object	Property Name	Property Value
g1 : G1 (Wire ID = 16796086)	Name	G1

Object	Property Name	Property Value
c1 : C1 (Wire ID = 16796089)	Name	C1

Object	Property Name	Property Value
N16795985 : N16795985 (Wire ID = 16796092)	Name	N16795985

Object	Property Name	Property Value
N16795989 : N16795989 (Wire ID = 16796094)	Name	N16795989

Object	Property Name	Property Value
c2 : C2 (Wire ID = 16796096)	Name	C2

Object	Property Name	Property Value
dp1 : DP1 (Wire ID = 16796104)	Name	DP1

Object	Property Name	Property Value
d1 : D1 (Wire ID = 16796107)	Name	D1

Object	Property Name	Property Value
N16796073 : N16796073 (Wire ID = 16796110)	Name	N16796073

Object	Property Name	Property Value
N16796077 : N16796077 (Wire ID = 16796112)	Name	N16796077

Object	Property Name	Property Value
d2 : D2 (Wire ID = 16796114)	Name	D2

Object	Property Name	Property Value
lpfg_i2c_scl : LPFG_I2C_SCL (Wire ID = 16796122)	IREF	[05,10,13]
	Name	LPFG_I2C_SCL

Object	Property Name	Property Value
lpfg_i2c_scl : LPFG_I2C_SCL (Wire ID = 16796124)	IREF	[05,10,13]
	Name	LPFG_I2C_SCL

Object	Property Name	Property Value
a2 : A2 (Wire ID = 16796127)	Name	A2

Object	Property Name	Property Value
e1 : E1 (Wire ID = 16796130)	Name	E1

Object	Property Name	Property Value
N16796133 : N16796133 (Wire ID = 16796133)	Name	N16796133

Object	Property Name	Property Value
N16796135 : N16796135 (Wire ID = 16796135)	Name	N16796135

Object	Property Name	Property Value
e2 : E2 (Wire ID = 16796137)	Name	E2

Object	Property Name	Property Value
lpfg_i2c_sda : LPFG_I2C_SDA (Wire ID = 16796140)	IREF	[05,10,13]
	Name	LPFG_I2C_SDA

Object	Property Name	Property Value
lpfg_i2c_sda : LPFG_I2C_SDA (Wire ID = 16796142)	IREF	[05,10,13]
	Name	LPFG_I2C_SDA

Object	Property Name	Property Value
b2 : B2 (Wire ID = 16796145)	Name	B2

Object	Property Name	Property Value
f1 : F1 (Wire ID = 16796148)	Name	F1

Object	Property Name	Property Value
N16796151 : N16796151 (Wire ID = 16796151)	Name	N16796151

Object	Property Name	Property Value
N16796151 : N16796151 (Wire ID = 16796153)	Name	N16796151

Object	Property Name	Property Value
N16796155 : N16796155 (Wire ID = 16796155)	Name	N16796155

Object	Property Name	Property Value
N16796155 : N16796155 (Wire ID = 16796157)	Name	N16796155

Object	Property Name	Property Value
f2 : F2 (Wire ID = 16796159)	Name	F2

Object	Property Name	Property Value
c2 : C2 (Wire ID = 16796162)	Name	C2

Object	Property Name	Property Value
g1 : G1 (Wire ID = 16796165)	Name	G1

Object	Property Name	Property Value
N16796168 : N16796168 (Wire ID = 16796168)	Name	N16796168

Object	Property Name	Property Value
N16796168 : N16796168 (Wire ID = 16796170)	Name	N16796168

Object	Property Name	Property Value
N16796172 : N16796172 (Wire ID = 16796172)	Name	N16796172

Object	Property Name	Property Value
N16796172 : N16796172 (Wire ID = 16796174)	Name	N16796172

Object	Property Name	Property Value
g2 : G2 (Wire ID = 16796176)	Name	G2

Object	Property Name	Property Value
N16796187 : N16796187 (Wire ID = 16796187)	Name	N16796187

Object	Property Name	Property Value
N16796187 : N16796187 (Wire ID = 16796189)	Name	N16796187

Object	Property Name	Property Value
d2 : D2 (Wire ID = 16796191)	Name	D2

Object	Property Name	Property Value
dp1 : DP1 (Wire ID = 16796194)	Name	DP1

Object	Property Name	Property Value
N16796197 : N16796197 (Wire ID = 16796197)	Name	N16796197

Object	Property Name	Property Value
N16796197 : N16796197 (Wire ID = 16796199)	Name	N16796197

Object	Property Name	Property Value
N16796151 : N16796151 (Wire ID = 16796201)	Name	N16796151

Object	Property Name	Property Value
N16796155 : N16796155 (Wire ID = 16796203)	Name	N16796155

Object	Property Name	Property Value
N16796205 : N16796205 (Wire ID = 16796205)	Name	N16796205

Object	Property Name	Property Value
dp2 : DP2 (Wire ID = 16796207)	Name	DP2

Object	Property Name	Property Value
N16796210 : N16796210 (Wire ID = 16796210)	Name	N16796210

Object	Property Name	Property Value
N16796210 : N16796210 (Wire ID = 16796212)	Name	N16796210

Object	Property Name	Property Value
e2 : E2 (Wire ID = 16796214)	Name	E2

Object	Property Name	Property Value
f2 : F2 (Wire ID = 16796233)	Name	F2

Object	Property Name	Property Value
g2 : G2 (Wire ID = 16796236)	Name	G2

Object	Property Name	Property Value
N16796168 : N16796168 (Wire ID = 16796239)	Name	N16796168

Object	Property Name	Property Value
N16796172 : N16796172 (Wire ID = 16796241)	Name	N16796172

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796243)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796245)	Name	GND_SIGNAL

Object	Property Name	Property Value
dp2 : DP2 (Wire ID = 16796247)	Name	DP2

Object	Property Name	Property Value
N16796210 : N16796210 (Wire ID = 16796250)	Name	N16796210

Object	Property Name	Property Value
N16796187 : N16796187 (Wire ID = 16796252)	Name	N16796187

Object	Property Name	Property Value
N16796197 : N16796197 (Wire ID = 16796254)	Name	N16796197

Object	Property Name	Property Value
N16796205 : N16796205 (Wire ID = 16796256)	Name	N16796205

Object	Property Name	Property Value
N16796187 : N16796187 (Wire ID = 16796258)	Name	N16796187

Object	Property Name	Property Value
N16796187 : N16796187 (Wire ID = 16796260)	Name	N16796187

Object	Property Name	Property Value
N16796210 : N16796210 (Wire ID = 16796264)	Name	N16796210

Object	Property Name	Property Value
N16796210 : N16796210 (Wire ID = 16796266)	Name	N16796210

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16796272)	Name	VCC_3_3

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16796274)	Name	VCC_3_3

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796303)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796305)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16800734)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16800736)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16800742)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16800744)	Name	GND_SIGNAL

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16802674)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16802676)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16802678)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16802680)	Name	VCC_5

Object	Property Name	Property Value
GND : GND (Wire ID = 16802722)	Name	GND

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16802724)	Name	VCC_5

Object	Property Name	Property Value
i_conchk6 : I_CONCHK6 (Wire ID = 16802726)	Name	I_CONCHK6

Object	Property Name	Property Value
i_conchk6 : I_CONCHK6 (Wire ID = 16802728)	Name	I_CONCHK6

Object	Property Name	Property Value
i_conchk6 : I_CONCHK6 (Wire ID = 16802730)	Name	I_CONCHK6

Object	Property Name	Property Value
conchk6 : CONCHK6 (Wire ID = 16802732)	Name	CONCHK6

Object	Property Name	Property Value
i_conchk6 : I_CONCHK6 (Wire ID = 16802740)	Name	I_CONCHK6

Object	Property Name	Property Value
s_conchk6 : S_CONCHK6 (Wire ID = 16802758)	Name	S_CONCHK6

Object	Property Name	Property Value
i_conchk7 : I_CONCHK7 (Wire ID = 16802760)	Name	I_CONCHK7

Object	Property Name	Property Value
i_conchk7 : I_CONCHK7 (Wire ID = 16802762)	Name	I_CONCHK7

Object	Property Name	Property Value
i_conchk7 : I_CONCHK7 (Wire ID = 16802764)	Name	I_CONCHK7

Object	Property Name	Property Value
conchk7 : CONCHK7 (Wire ID = 16802766)	Name	CONCHK7

Object	Property Name	Property Value
i_conchk7 : I_CONCHK7 (Wire ID = 16802776)	Name	I_CONCHK7

Object	Property Name	Property Value
s_conchk7 : S_CONCHK7 (Wire ID = 16802778)	Name	S_CONCHK7

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16802788)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16802790)	Name	GND_SIGNAL

Object	Property Name	Property Value
N16802800 : N16802800 (Wire ID = 16802800)	Name	N16802800

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16802802)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16802804)	Name	GND_SIGNAL

Object	Property Name	Property Value
N16802814 : N16802814 (Wire ID = 16802814)	Name	N16802814

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16802816)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16802818)	Name	GND_SIGNAL

Object	Property Name	Property Value
N16802828 : N16802828 (Wire ID = 16802828)	Name	N16802828

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16802830)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16802832)	Name	GND_SIGNAL

Object	Property Name	Property Value
N16802834 : N16802834 (Wire ID = 16802834)	Name	N16802834

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16802836)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16802838)	Name	GND_SIGNAL

Object	Property Name	Property Value
VCC_3_3	Name	VCC_3_3
	Source Library	E:\DATA_SERVER\LIBRARY\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_3_3	Name	VCC_3_3
	Source Library	E:\DATA_SERVER\LIBRARY\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_3_3	Name	VCC_3_3
	Source Library	E:\DATA_SERVER\LIBRARY\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
GND_SIGNAL	Name	GND_SIGNAL
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
VCC_3_3	Name	VCC_3_3
	Source Library	E:\DATA_SERVER\LIBRARY\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_3_3	Name	VCC_3_3
	Source Library	E:\DATA_SERVER\LIBRARY\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
GND_SIGNAL	Name	GND_SIGNAL
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
VCC_3_3	Name	VCC_3_3
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

Object	Property Name	Property Value
GND_SIGNAL	Name	GND_SIGNAL
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL	Name	GND_SIGNAL
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND_SIGNAL

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

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
GND	Name	GND
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	GND

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

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

Object	Property Name	Property Value
lpfg_i2c_scl :	IREF	[05,10,13]
	Name	lpfg_i2c_scl
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
lpfg_i2c_sda :	IREF	[05,10,13]
	Name	lpfg_i2c_sda
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	OFFPAGE-BI

Object	Property Name	Property Value
conchk6 :	Name	conchk6
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
i_conchk6 :	Name	i_conchk6
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
s_conchk6 :	Name	s_conchk6
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
conchk7 :	Name	conchk7
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
i_conchk7 :	Name	i_conchk7
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
s_conchk7 :	Name	s_conchk7
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
general : general	Path Name	general
	Schematic Path	/
	ID	1631
	Document Name	Motor Speed & Temperature card (BH-MST-219)
	Page Number	07
	Page content	SCH-BH-MST219-2341-1A-01
	Page Count	12
	Title	7 SEGMENT & LEDs
	Name	general
	Design Name	BH-MST-219-2352-1A-01
	Design File Name	C:\VISH RANA\PROJECT\BHEL METRO\BHEL DEVLOPING\2023 BHEL\TR...
	Design Create Date	Tuesday, December 26, 2023
	Design Modify Date	Wednesday, December 27, 2023
	Design Create Time	11:02:16
	Design Modify Time	17:51:00
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, December 26, 2023
	Schematic Modify Date	Wednesday, December 27, 2023
	Schematic Create Time	11:02:18
	Schematic Modify Time	17:51:02
	Schematic Page Count	0
	Schematic Page Number	0
	Page Size	A4
	Page Create Date	Wednesday, December 27, 2023
	Page Modify Date	Wednesday, December 27, 2023
	Page Create Time	11:21:05
	Page Modify Time	17:51:00
	Source Library	C:\VISH RANA\LIB\ORCAD\TEMP1.OLB
	Source Symbol	general
	Page Name	s_07_7seg & front LED
	RevCode	1A
	Verified Date	27-SEP-23
	Designed Date	27-SEP-23
	Drawn Date	27-SEP-23
	Verified By	CKR,HS
	Drawn By	KSB
	Designed By	KSB

Object	Property Name	Property Value
INS16795992 : R75	Name	INS16795992
	ID	1424
	Reference	R75
	Designator	
	Part Reference	R75
	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R75/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	dsp_intn
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R75/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16796051
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16795893 : R71	Name	INS16795893
	ID	1484
	Reference	R71
	Designator	
	Part Reference	R71
	Value	10K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603

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

Object	Property Name	Property Value
2 : R71/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16795901 : R72	Name	INS16795901
	ID	1478
	Reference	R72
	Designator	
	Part Reference	R72
	Value	10K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R72/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	dsp_intn
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R72/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16802779 : R67	Name	INS16802779
	ID	1800
	Reference	R67
	Designator	
	Part Reference	R67
	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R67/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R67/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16802800
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16795911 : R73	Name	INS16795911
	ID	1447
	Reference	R73
	Designator	
	Part Reference	R73
	Value	NL-1K6-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R73/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	lpfg_i2c_sda
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R73/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16795812 : C39	Name	INS16795812
	ID	1418
	Reference	C39
	Designator	
	Part Reference	C39
	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C39/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C39/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16796216 : R76	Name	INS16796216
	ID	1487
	Reference	R76
	Designator	
	Part Reference	R76
	Value	NL-1K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R76/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16796210
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R76/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16802681 : C31	Name	INS16802681
	ID	1773
	Reference	C31
	Designator	
	Part Reference	C31
	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C31/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C31/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16796003 : RN1	Name	INS16796003
	ID	1430
	Reference	RN1
	Designator	
	Part Reference	RN1
	Value	EXB-Q16P681J
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	RESCAXE50P380X160X55-16N
	Package	1506 Panasonic
	Description	680 Ohm 5PCT 25mW Power Per Element Bussed 15 Resistor Network/Array
	MF	Panasonic
	Purchase_URL	https://pricing.snapeda.com/search/part/EXB-Q16P681J/?ref=eda
	Price	None
	MP	EXB-Q16P681J
	Availability	In Stock
	OriginalSymbolOrigin	(-30000,40000)

Object	Property Name	Property Value
1 : RN1/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16795886
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : RN1/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16795958
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : RN1/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	N16795985
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4 : RN1/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	N16796073
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : RN1/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	N16796133
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6 : RN1/6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	N16796151
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
7 : RN1/7	Name	7
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	N16796168
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
8 : RN1/8	Name	8
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	N16796197
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
9 : RN1/9	Name	9
	Number	9
	Swap Id	-1
	Type	Passive
	Net Name	dp1
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
10 : RN1/10	Name	10
	Number	10
	Swap Id	-1
	Type	Passive
	Net Name	g1
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
11 : RN1/11	Name	11
	Number	11
	Swap Id	-1
	Type	Passive
	Net Name	f1
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
12 : RN1/12	Name	12
	Number	12
	Swap Id	-1
	Type	Passive
	Net Name	e1
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
13 : RN1/13	Name	13
	Number	13
	Swap Id	-1
	Type	Passive
	Net Name	d1
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
14 : RN1/14	Name	14
	Number	14
	Swap Id	-1
	Type	Passive
	Net Name	c1
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
15 : RN1/15	Name	15
	Number	15
	Swap Id	-1
	Type	Passive
	Net Name	b1
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
16 : RN1/16	Name	16
	Number	16
	Swap Id	-1
	Type	Passive
	Net Name	a1
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
INS16795919 : R74	Name	INS16795919
	ID	1415
	Reference	R74
	Designator	
	Part Reference	R74
	Value	NL-1K6-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R74/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	lpfg_i2c_scl
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R74/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16796224 : R77	Name	INS16796224
	ID	1412
	Reference	R77
	Designator	
	Part Reference	R77
	Value	NL-1K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R77/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16796187
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R77/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16802791 : R68	Name	INS16802791
	ID	1794
	Reference	R68
	Designator	
	Part Reference	R68
	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R68/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R68/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16802814
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16802689 : U11	Name	INS16802689
	ID	1779
	Reference	U11
	Designator	
	Part Reference	U11
	Value	74HC14D,653
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SOIC127P600X175-14N
	OriginalSymbolOrigin	(-50000,50000)
	Digi_Key_Part_Number	1727-2783-1-ND
	MF	Nexperia USA
	Description	74HC Series 6V Surface Mount Hex Inverting Schmitt Trigger - SOIC-14
	Package	SOIC-14 Nexperia
	MP	74HC14D,653
	Digi_Key_Purchase_URL	https://www.digikey.ca/product-detail/en/nexperia-usa-inc/74HC14D,653/1727

Object	Property Name	Property Value
1A : U11/1A	Name	1A
	Number	1
	Swap Id	-1
	Type	Input
	Net Name	s_conchk6
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
1Y : U11/1Y	Name	1Y
	Number	2
	Swap Id	-1
	Type	Output
	Net Name	i_conchk6
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
2A : U11/2A	Name	2A
	Number	3
	Swap Id	-1
	Type	Input
	Net Name	s_conchk7
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
2Y : U11/2Y	Name	2Y
	Number	4
	Swap Id	-1
	Type	Output
	Net Name	i_conchk7
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
3A : U11/3A	Name	3A
	Number	5
	Swap Id	-1
	Type	Input
	Net Name	N16802800
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
3Y : U11/3Y	Name	3Y
	Number	6
	Swap Id	-1
	Type	Output
	Net Name	
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
GND : U11/GND	Name	GND
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
4Y : U11/4Y	Name	4Y
	Number	8
	Swap Id	-1
	Type	Output
	Net Name	
	Order	7
	Is No Connect	True

Object	Property Name	Property Value
4A : U11/4A	Name	4A
	Number	9
	Swap Id	-1
	Type	Input
	Net Name	N16802814
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
5Y : U11/5Y	Name	5Y
	Number	10
	Swap Id	-1
	Type	Output
	Net Name	
	Order	9
	Is No Connect	True

Object	Property Name	Property Value
5A : U11/5A	Name	5A
	Number	11
	Swap Id	-1
	Type	Input
	Net Name	N16802828
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
6Y : U11/6Y	Name	6Y
	Number	12
	Swap Id	-1
	Type	Output
	Net Name	
	Order	11
	Is No Connect	True

Object	Property Name	Property Value
6A : U11/6A	Name	6A
	Number	13
	Swap Id	-1
	Type	Input
	Net Name	N16802834
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
VCC : U11/VCC	Name	VCC
	Number	14
	Swap Id	-1
	Type	Power
	Net Name	VCC_5
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
INS16802805 : R69	Name	INS16802805
	ID	1797
	Reference	R69
	Designator	
	Part Reference	R69
	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R69/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R69/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16802828
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16796025 : RN2	Name	INS16796025
	ID	1490
	Reference	RN2
	Designator	
	Part Reference	RN2
	Value	EXB-Q16P681J
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	RESCAXE50P380X160X55-16N
	Package	1506 Panasonic
	Description	680 Ohm 5PCT 25mW Power Per Element Bussed 15 Resistor Network/Array
	MF	Panasonic
	Purchase_URL	https://pricing.snapeda.com/search/part/EXB-Q16P681J/?ref=eda
	Price	None
	MP	EXB-Q16P681J
	Availability	In Stock
	OriginalSymbolOrigin	(-30000,40000)

Object	Property Name	Property Value
1 : RN2/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16795890
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : RN2/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16795962
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
3 : RN2/3	Name	3
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	N16795989
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
4 : RN2/4	Name	4
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	N16796077
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
5 : RN2/5	Name	5
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	N16796135
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
6 : RN2/6	Name	6
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	N16796155
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
7 : RN2/7	Name	7
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	N16796172
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
8 : RN2/8	Name	8
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	N16796205
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
9 : RN2/9	Name	9
	Number	9
	Swap Id	-1
	Type	Passive
	Net Name	dp2
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
10 : RN2/10	Name	10
	Number	10
	Swap Id	-1
	Type	Passive
	Net Name	g2
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
11 : RN2/11	Name	11
	Number	11
	Swap Id	-1
	Type	Passive
	Net Name	f2
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
12 : RN2/12	Name	12
	Number	12
	Swap Id	-1
	Type	Passive
	Net Name	e2
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
13 : RN2/13	Name	13
	Number	13
	Swap Id	-1
	Type	Passive
	Net Name	d2
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
14 : RN2/14	Name	14
	Number	14
	Swap Id	-1
	Type	Passive
	Net Name	c2
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
15 : RN2/15	Name	15
	Number	15
	Swap Id	-1
	Type	Passive
	Net Name	b2
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
16 : RN2/16	Name	16
	Number	16
	Swap Id	-1
	Type	Passive
	Net Name	a2
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
INS16802709 : R65	Name	INS16802709
	ID	1776
	Reference	R65
	Designator	
	Part Reference	R65
	Value	10R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R65/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	i_conchk6
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R65/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	conchk6
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16795828 : CON1	Name	INS16795828
	ID	1394
	Reference	CON1
	Designator	
	Part Reference	CON1
	Value	7 SEG CONNECTOR
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	17x1_th_header_m

Object	Property Name	Property Value
A1 : CON1/A1	Name	A1
	Number	16
	Swap Id	-1
	Type	Passive
	Net Name	N16795886
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
B1 : CON1/B1	Name	B1
	Number	17
	Swap Id	-1
	Type	Passive
	Net Name	N16795958
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
C1 : CON1/C1	Name	C1
	Number	11
	Swap Id	-1
	Type	Passive
	Net Name	N16795985
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
D1 : CON1/D1	Name	D1
	Number	10
	Swap Id	-1
	Type	Passive
	Net Name	N16796073
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
E1 : CON1/E1	Name	E1
	Number	9
	Swap Id	-1
	Type	Passive
	Net Name	N16796133
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
F1 : CON1/F1	Name	F1
	Number	13
	Swap Id	-1
	Type	Passive
	Net Name	N16796151
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
G1 : CON1/G1	Name	G1
	Number	14
	Swap Id	-1
	Type	Passive
	Net Name	N16796168
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
DP1 : CON1/DP1	Name	DP1
	Number	12
	Swap Id	-1
	Type	Passive
	Net Name	N16796197
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
DIG1 : CON1/DIG1	Name	DIG1
	Number	15
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3_3
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
DP2 : CON1/DP2	Name	DP2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16796205
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
G2 : CON1/G2	Name	G2
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	N16796172
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
F2 : CON1/F2	Name	F2
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	N16796155
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
E2 : CON1/E2	Name	E2
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	N16796135
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
D2 : CON1/D2	Name	D2
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	N16796077
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
C2 : CON1/C2	Name	C2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16795989
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
B2 : CON1/B2	Name	B2
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	N16795962
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
A2 : CON1/A2	Name	A2
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	N16795890
	Order	16
	Is No Connect	False

Object	Property Name	Property Value
INS16795927 : U13	Name	INS16795927
	ID	1450
	Reference	U13
	Designator	
	Part Reference	U13
	Value	TCA9539QPWRQ1-TSSOP24
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	tssop_24

Object	Property Name	Property Value
INT_N : U13/INT_N	Name	INT_N
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16796051
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
A1 : U13/A1	Name	A1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16796210
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
RESET_N : U13/RESET_N	Name	RESET_N
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	dsp_rst_io
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
P00 : U13/P00	Name	P00
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	a1
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
P01 : U13/P01	Name	P01
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	b1
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
P02 : U13/P02	Name	P02
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	c1
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
P03 : U13/P03	Name	P03
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	d1
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
P04 : U13/P04	Name	P04
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	e1
	Order	7
	Is No Connect	True

Object	Property Name	Property Value
P05 : U13/P05	Name	P05
	Number	9
	Swap Id	-1
	Type	Passive
	Net Name	f1
	Order	8
	Is No Connect	True

Object	Property Name	Property Value
P06 : U13/P06	Name	P06
	Number	10
	Swap Id	-1
	Type	Passive
	Net Name	g1
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
P07 : U13/P07	Name	P07
	Number	11
	Swap Id	-1
	Type	Passive
	Net Name	dp1
	Order	10
	Is No Connect	True

Object	Property Name	Property Value
GND : U13/GND	Name	GND
	Number	12
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
P10 : U13/P10	Name	P10
	Number	13
	Swap Id	-1
	Type	Passive
	Net Name	a2
	Order	12
	Is No Connect	True

Object	Property Name	Property Value
P11 : U13/P11	Name	P11
	Number	14
	Swap Id	-1
	Type	Passive
	Net Name	b2
	Order	13
	Is No Connect	True

Object	Property Name	Property Value
P12 : U13/P12	Name	P12
	Number	15
	Swap Id	-1
	Type	Passive
	Net Name	c2
	Order	14
	Is No Connect	True

Object	Property Name	Property Value
P13 : U13/P13	Name	P13
	Number	16
	Swap Id	-1
	Type	Passive
	Net Name	d2
	Order	15
	Is No Connect	True

Object	Property Name	Property Value
P14 : U13/P14	Name	P14
	Number	17
	Swap Id	-1
	Type	Passive
	Net Name	e2
	Order	16
	Is No Connect	True

Object	Property Name	Property Value
P15 : U13/P15	Name	P15
	Number	18
	Swap Id	-1
	Type	Passive
	Net Name	f2
	Order	17
	Is No Connect	True

Object	Property Name	Property Value
P16 : U13/P16	Name	P16
	Number	19
	Swap Id	-1
	Type	Passive
	Net Name	g2
	Order	18
	Is No Connect	True

Object	Property Name	Property Value
P17 : U13/P17	Name	P17
	Number	20
	Swap Id	-1
	Type	Passive
	Net Name	dp2
	Order	19
	Is No Connect	True

Object	Property Name	Property Value
A0 : U13/A0	Name	A0
	Number	21
	Swap Id	-1
	Type	Passive
	Net Name	N16796187
	Order	20
	Is No Connect	False

Object	Property Name	Property Value
SCL : U13/SCL	Name	SCL
	Number	22
	Swap Id	-1
	Type	Passive
	Net Name	lpfg_i2c_scl
	Order	21
	Is No Connect	False

Object	Property Name	Property Value
SDA : U13/SDA	Name	SDA
	Number	23
	Swap Id	-1
	Type	Passive
	Net Name	lpfg_i2c_sda
	Order	22
	Is No Connect	False

Object	Property Name	Property Value
VCC : U13/VCC	Name	VCC
	Number	24
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3_3
	Order	23
	Is No Connect	False

Object	Property Name	Property Value
INS16802819 : R70	Name	INS16802819
	ID	1770
	Reference	R70
	Designator	
	Part Reference	R70
	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R70/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R70/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16802834
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16795869 : C40	Name	INS16795869
	ID	1421
	Reference	C40
	Designator	
	Part Reference	C40
	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C40/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C40/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16796275 : R78	Name	INS16796275
	ID	1427
	Reference	R78
	Designator	
	Part Reference	R78
	Value	1K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603

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

Object	Property Name	Property Value
2 : R78/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16796210
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16800723 : LED1	Name	INS16800723
	ID	1644
	Reference	LED1
	Designator	
	Part Reference	LED1
	Value	5530113200F
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	led_553

Object	Property Name	Property Value
C1 : LED1/C1	Name	C1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
A1 : LED1/A1	Name	A1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
C2 : LED1/C2	Name	C2
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	2
	Is No Connect	True

Object	Property Name	Property Value
A2 : LED1/A2	Name	A2
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
INS16802745 : R66	Name	INS16802745
	ID	1803
	Reference	R66
	Designator	
	Part Reference	R66
	Value	10R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R66/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	i_conchk7
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R66/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	conchk7
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16796283 : R79	Name	INS16796283
	ID	1475
	Reference	R79
	Designator	
	Part Reference	R79
	Value	1K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603

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

Object	Property Name	Property Value
2 : R79/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16796187
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16796294 : C41	Name	INS16796294
	ID	1481
	Reference	C41
	Designator	
	Part Reference	C41
	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C41/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C41/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
Rectangle	Name	I16799525
	Left	10
	Top	30
	Right	750
	Bottom	810
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16787952)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16787953)	Name	GND_SIGNAL

Object	Property Name	Property Value
N16787962 : N16787962 (Wire ID = 16787962)	Name	N16787962

Object	Property Name	Property Value
N16787965 : N16787965 (Wire ID = 16787965)	Name	N16787965

Object	Property Name	Property Value
N16787965 : N16787965 (Wire ID = 16787966)	Name	N16787965

Object	Property Name	Property Value
N16787970 : N16787970 (Wire ID = 16787970)	Name	N16787970

Object	Property Name	Property Value
N16787970 : N16787970 (Wire ID = 16787971)	Name	N16787970

Object	Property Name	Property Value
N16787975 : N16787975 (Wire ID = 16787975)	Name	N16787975

Object	Property Name	Property Value
N16787975 : N16787975 (Wire ID = 16787978)	Name	N16787975

Object	Property Name	Property Value
N16787975 : N16787975 (Wire ID = 16787979)	Name	N16787975

Object	Property Name	Property Value
N16787975 : N16787975 (Wire ID = 16787985)	Name	N16787975

Object	Property Name	Property Value
N16787975 : N16787975 (Wire ID = 16787993)	Name	N16787975

Object	Property Name	Property Value
N16788002 : N16788002 (Wire ID = 16788002)	Name	N16788002

Object	Property Name	Property Value
N16788002 : N16788002 (Wire ID = 16788005)	Name	N16788002

Object	Property Name	Property Value
N16788002 : N16788002 (Wire ID = 16788009)	Name	N16788002

Object	Property Name	Property Value
N16788002 : N16788002 (Wire ID = 16788014)	Name	N16788002

Object	Property Name	Property Value
N16788002 : N16788002 (Wire ID = 16788015)	Name	N16788002

Object	Property Name	Property Value
N16788002 : N16788002 (Wire ID = 16788023)	Name	N16788002

Object	Property Name	Property Value
0 : 0 (Wire ID = 16788032)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16788035)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16788039)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16788044)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16788047)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16788048)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
i_RPM1P1 : I_RPM1P1 (Wire ID = 16788053)	Name	I_RPM1P1

Object	Property Name	Property Value
i_RPM1P1 : I_RPM1P1 (Wire ID = 16788054)	Name	I_RPM1P1

Object	Property Name	Property Value
i_RPM1P2 : I_RPM1P2 (Wire ID = 16788058)	Name	I_RPM1P2

Object	Property Name	Property Value
i_RPM1P2 : I_RPM1P2 (Wire ID = 16788059)	Name	I_RPM1P2

Object	Property Name	Property Value
i_RPM1P1 : I_RPM1P1 (Wire ID = 16788063)	Name	I_RPM1P1

Object	Property Name	Property Value
i_RPM1P2 : I_RPM1P2 (Wire ID = 16788069)	Name	I_RPM1P2

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16788108)	Name	VCC_5

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16788111)	Name	GND_SIGNAL

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16788131)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16788132)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16788134)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16788167)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16788176)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16788185)	Name	VCC_5

Object	Property Name	Property Value
+15V_ISO : +15V_ISO (Wire ID = 16788340)	Name	+15V_ISO

Object	Property Name	Property Value
RPM1P1 : RPM1P1 (Wire ID = 16788372)	Name	RPM1P1

Object	Property Name	Property Value
RPM1P2 : RPM1P2 (Wire ID = 16788375)	Name	RPM1P2

Object	Property Name	Property Value
N16788481 : N16788481 (Wire ID = 16788481)	Name	N16788481

Object	Property Name	Property Value
N16787975 : N16787975 (Wire ID = 16788484)	Name	N16787975

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16788751)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16789104)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16789106)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16789108)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16789110)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16789112)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16789114)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16789116)	Name	VCC_5

Object	Property Name	Property Value
N16789126 : N16789126 (Wire ID = 16789126)	Name	N16789126

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16789144)	Name	GND_SIGNAL

Object	Property Name	Property Value
N16789126 : N16789126 (Wire ID = 16789162)	Name	N16789126

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16789164)	Name	VCC_5

Object	Property Name	Property Value
i_RPM2P1 : I_RPM2P1 (Wire ID = 16789166)	Name	I_RPM2P1

Object	Property Name	Property Value
i_RPM2P2 : I_RPM2P2 (Wire ID = 16789168)	Name	I_RPM2P2

Object	Property Name	Property Value
RPM2P1 : RPM2P1 (Wire ID = 16789190)	Name	RPM2P1

Object	Property Name	Property Value
N16789192 : N16789192 (Wire ID = 16789192)	Name	N16789192

Object	Property Name	Property Value
N16789192 : N16789192 (Wire ID = 16789194)	Name	N16789192

Object	Property Name	Property Value
N16789192 : N16789192 (Wire ID = 16789196)	Name	N16789192

Object	Property Name	Property Value
N16789198 : N16789198 (Wire ID = 16789198)	Name	N16789198

Object	Property Name	Property Value
i_RPM2P1 : I_RPM2P1 (Wire ID = 16789200)	Name	I_RPM2P1

Object	Property Name	Property Value
i_RPM2P1 : I_RPM2P1 (Wire ID = 16789202)	Name	I_RPM2P1

Object	Property Name	Property Value
RPM2P2 : RPM2P2 (Wire ID = 16789224)	Name	RPM2P2

Object	Property Name	Property Value
N16789226 : N16789226 (Wire ID = 16789226)	Name	N16789226

Object	Property Name	Property Value
N16789226 : N16789226 (Wire ID = 16789228)	Name	N16789226

Object	Property Name	Property Value
N16789226 : N16789226 (Wire ID = 16789230)	Name	N16789226

Object	Property Name	Property Value
N16789232 : N16789232 (Wire ID = 16789232)	Name	N16789232

Object	Property Name	Property Value
i_RPM2P2 : I_RPM2P2 (Wire ID = 16789234)	Name	I_RPM2P2

Object	Property Name	Property Value
i_RPM2P2 : I_RPM2P2 (Wire ID = 16789236)	Name	I_RPM2P2

Object	Property Name	Property Value
N16789238 : N16789238 (Wire ID = 16789238)	Name	N16789238

Object	Property Name	Property Value
N16789238 : N16789238 (Wire ID = 16789240)	Name	N16789238

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16789242)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16789244)	Name	GND_SIGNAL

Object	Property Name	Property Value
N16789192 : N16789192 (Wire ID = 16789246)	Name	N16789192

Object	Property Name	Property Value
N16789192 : N16789192 (Wire ID = 16789248)	Name	N16789192

Object	Property Name	Property Value
N16789192 : N16789192 (Wire ID = 16789250)	Name	N16789192

Object	Property Name	Property Value
N16789226 : N16789226 (Wire ID = 16789252)	Name	N16789226

Object	Property Name	Property Value
N16789226 : N16789226 (Wire ID = 16789254)	Name	N16789226

Object	Property Name	Property Value
N16789226 : N16789226 (Wire ID = 16789256)	Name	N16789226

Object	Property Name	Property Value
0 : 0 (Wire ID = 16789300)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16789302)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
+15V_ISO : +15V_ISO (Wire ID = 16789304)	Name	+15V_ISO

Object	Property Name	Property Value
0 : 0 (Wire ID = 16789310)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16789312)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16789314)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16789316)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16791903)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16791905)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16791912)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16791914)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16791927)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16791929)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16791948)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
0 : 0 (Wire ID = 16791950)	NODENAME	GND_ISO
	Name	0

Object	Property Name	Property Value
i_RPM1P1 : I_RPM1P1 (Wire ID = 16792385)	Name	I_RPM1P1

Object	Property Name	Property Value
i_RPM1P2 : I_RPM1P2 (Wire ID = 16792399)	Name	I_RPM1P2

Object	Property Name	Property Value
i_RPM2P1 : I_RPM2P1 (Wire ID = 16792413)	Name	I_RPM2P1

Object	Property Name	Property Value
i_RPM2P2 : I_RPM2P2 (Wire ID = 16792427)	Name	I_RPM2P2

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value	
+15V_ISO	Name	+15V_ISO	
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB	
	Source Symbol	VCC_BAR	

Object	Property Name	Property Value	
+15V_ISO	Name	+15V_ISO	
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB	
	Source Symbol	VCC_BAR	

Object	Property Name	Property Value	
+15V_ISO	Name	+15V_ISO	
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB	
	Source Symbol	VCC_BAR	

Object	Property Name	Property Value	
VCC_5	Name	VCC_5	
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB	
	Source Symbol	VCC_BAR	

Object	Property Name	Property Value	
VCC_5	Name	VCC_5	
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB	
	Source Symbol	VCC_BAR	

Object	Property Name	Property Value	
VCC_5	Name	VCC_5	
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB	
	Source Symbol	VCC_BAR	

Object	Property Name	Property Value	
+15V_ISO	Name	+15V_ISO	
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB	
	Source Symbol	VCC_BAR	

Object	Property Name	Property Value	
0	NODENAME	GND_ISO	
	Name	0	
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB	
	Source Symbol	0	
	PSpiceOnly	TRUE	

Object	Property Name	Property Value	
0	NODENAME	GND_ISO	
	Name	0	
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB	
	Source Symbol	0	
	PSpiceOnly	TRUE	

Object	Property Name	Property Value
0	NODENAME	GND_ISO
	Name	0
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

Object	Property Name	Property Value
0	NODENAME	GND_ISO
	Name	0
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE

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

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

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

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

Object	Property Name	Property Value
RPM1P1 :	Name	RPM1P1
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
RPM1P2 :	Name	RPM1P2
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
RPM2P1 :	Name	RPM2P1
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
RPM2P2 :	Name	RPM2P2
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
i_RPM1P1 :	Name	i_RPM1P1
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
i_RPM1P2 :	Name	i_RPM1P2
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
i_RPM2P1 :	Name	i_RPM2P1
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
i_RPM2P2 :	Name	i_RPM2P2
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
general : general	Path Name	general
	Schematic Path	/
	ID	1632
	Title	OPTO-CUPLER & INVERTER
	Page Count	12
	Page content	SCH-BH-MST219-2341-1A-01
	Page Number	08
	Document Name	Motor Speed & Temperature card (BH-MST-219)
	Name	general
	Design Name	BH-MST-219-2352-1A-01
	Design File Name	C:\VISH RANA\PROJECT\BHEL METRO\BHEL DEVLOPING\2023 BHEL\TR.
	Design Create Date	Tuesday, December 26, 2023
	Design Modify Date	Wednesday, December 27, 2023
	Design Create Time	11:02:16
	Design Modify Time	17:51:00
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, December 26, 2023
	Schematic Modify Date	Wednesday, December 27, 2023
	Schematic Create Time	11:02:18
	Schematic Modify Time	17:51:02
	Schematic Page Count	0
	Schematic Page Number	0
	Page Size	A4
	Page Create Date	Tuesday, December 26, 2023
	Page Modify Date	Wednesday, December 27, 2023
	Page Create Time	17:58:45
	Page Modify Time	17:49:58
	Source Library	C:\VISH RANA\LIB\ORCAD\TEMP1.OLB
	Source Symbol	general
	Page Name	s_08_optocupler & Inverters
	RevCode	1A
	Verified Date	27-SEP-23
	Designed Date	27-SEP-23
	Drawn Date	27-SEP-23
	Verified By	CKR,HS
	Drawn By	KSB
	Designed By	KSB

Object	Property Name	Property Value
INS16789127 : R50	Name	INS16789127
	ID	1178
	Reference	R50
	Designator	
	Part Reference	R50
	Value	2K2-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R50/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	i_RPM2P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R50/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16787718 : R42	Name	INS16787718
	ID	1088
	Reference	R42
	Designator	
	Part Reference	R42
	Value	470R-TH-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R42/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	RPM1P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R42/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16787975
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16789135 : R51	Name	INS16789135
	ID	1169
	Reference	R51
	Designator	
	Part Reference	R51
	Value	2K2-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R51/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	i_RPM2P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R51/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16787926 : R46	Name	INS16787926
	ID	1125
	Reference	R46
	Designator	
	Part Reference	R46
	Value	2K2-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R46/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	i_RPM1P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R46/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16792377 : TP5	Name	INS16792377
	ID	1333
	Reference	TP5
	Designator	
	Part Reference	TP5
	Value	i_RPM1P1
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
1 : TP5/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	i_RPM1P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS16787733 : R43	Name	INS16787733
	ID	1091
	Reference	R43
	Designator	
	Part Reference	R43
	Value	470R-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R43/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16788002
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R43/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16787962
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16789145 : U10	Name	INS16789145
	ID	1184
	Reference	U10
	Designator	
	Part Reference	U10
	Value	VO2630-X009T
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	COUPL_VO2630-X009T
	OriginalSymbolOrigin	(-20000,40000)

Object	Property Name	Property Value
A1 : U10/A1	Name	A1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16789126
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
C1 : U10/C1	Name	C1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16789198
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
C2 : U10/C2	Name	C2
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	N16789232
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
A2 : U10/A2	Name	A2
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	N16789238
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
GND : U10/GND	Name	GND
	Number	5
	Swap Id	-1
	Type	Power
	Net Name	GND_SIGNAL
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
VO2 : U10/VO2	Name	VO2
	Number	6
	Swap Id	-1
	Type	Output
	Net Name	i_RPM2P2
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
VO1 : U10/VO1	Name	VO1
	Number	7
	Swap Id	-1
	Type	Output
	Net Name	i_RPM2P1
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
VCC : U10/VCC	Name	VCC
	Number	8
	Swap Id	-1
	Type	Power
	Net Name	VCC_5
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16787939
	ID	1128
	Reference	R48
	Designator	
	Part Reference	R48
INS16787939 : R48	Value	2K2-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
	Name	1
	Number	2
	Swap Id	-1
1 : R48/1	Type	Passive
	Net Name	i_RPM1P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
	Swap Id	-1
2 : R48/2	Type	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16787841
	ID	1107
	Reference	R47
	Designator	
	Part Reference	R47
INS16787841 : R47	Value	470R-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
	Name	1
	Number	2
	Swap Id	-1
1 : R47/1	Type	Passive
	Net Name	+15V_ISO
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R47/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16787970
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16792391 : TP6	Name	INS16792391
	ID	1335
	Reference	TP6
	Designator	
	Part Reference	TP6
	Value	i_RPM1P2
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
1 : TP6/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	i_RPM1P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS16789259 : R56	Name	INS16789259
	ID	1148
	Reference	R56
	Designator	
	Part Reference	R56
	Value	470R-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R56/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	+15V_ISO
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R56/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16789238
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16787746 : R44	Name	INS16787746
	ID	1094
	Reference	R44
	Designator	
	Part Reference	R44
	Value	470R-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R44/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16787975
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R44/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16788481
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16789267 : D23	Name	INS16789267
	ID	1151
	Reference	D23
	Designator	
	Part Reference	D23
	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	do_214ab
	Room	Temp_CH3

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

Object	Property Name	Property Value
	Name	CATHODE
	Number	2
	Swap Id	-1
CATHODE : D23/CATHODE	Type	Passive
	Net Name	N16789192
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16792405
	ID	1337
	Reference	TP7
	Designator	
	Part Reference	TP7
INS16792405 : TP7	Value	i_RPM2P1
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : TP7/1	Type	Passive
	Net Name	i_RPM2P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16789173
	ID	1181
	Reference	R52
	Designator	
	Part Reference	R52
INS16789173 : R52	Value	470R-TH-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R52/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	RPM2P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R52/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16789192
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16789275 : D24	Name	INS16789275
	ID	1172
	Reference	D24
	Designator	
	Part Reference	D24
	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	do_214ab
	Room	Temp_CH3

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

Object	Property Name	Property Value
CATHODE : D24/CATHODE	Name	CATHODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16789226
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16787861 : C25	Name	INS16787861
	ID	1110
	Reference	C25
	Designator	
	Part Reference	C25
	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C25/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C25/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16789181 : R53	Name	INS16789181
	ID	1145
	Reference	R53
	Designator	
	Part Reference	R53
	Value	470R-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R53/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16789192
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R53/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16789198
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16789283 : C29	Name	INS16789283
	ID	1163
	Reference	C29
	Designator	
	Part Reference	C29
	Value	10n-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C29/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C29/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16789192
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16792419 : TP8	Name	INS16792419
	ID	1339
	Reference	TP8
	Designator	
	Part Reference	TP8
	Value	i_RPM2P2
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
1 : TP8/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	i_RPM2P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS16787873 : C26	Name	INS16787873
	ID	1113
	Reference	C26
	Designator	
	Part Reference	C26
	Value	10n-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C26/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C26/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16788002
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16789291 : C30	Name	INS16789291
	ID	1175
	Reference	C30
	Designator	
	Part Reference	C30
	Value	10n-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C30/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C30/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16789226
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16789095 : R49	Name	INS16789095
	ID	1157
	Reference	R49
	Designator	
	Part Reference	R49
	Value	470R-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R49/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16789126
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R49/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	+15V_ISO
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16787885
	ID	1116
	Reference	C27
	Designator	
	Part Reference	C27
INS16787885 : C27	Value	10n-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : C27/1	Type	Passive
	Net Name	0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : C27/2	Type	Passive
	Net Name	N16787975
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16786166
	ID	979
	Reference	U9
	Designator	
	Part Reference	U9
INS16786166 : U9	Value	VO2630-X009T
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	COUPL_VO2630-X009T
	OriginalSymbolOrigin	(-20000,40000)

Object	Property Name	Property Value
	Name	A1
	Number	1
	Swap Id	-1
A1 : U9/A1	Type	Passive
	Net Name	N16787965
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
C1 : U9/C1	Name	C1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16787962
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
C2 : U9/C2	Name	C2
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	N16788481
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
A2 : U9/A2	Name	A2
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	N16787970
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
GND : U9/GND	Name	GND
	Number	5
	Swap Id	-1
	Type	Power
	Net Name	GND_SIGNAL
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
VO2 : U9/VO2	Name	VO2
	Number	6
	Swap Id	-1
	Type	Output
	Net Name	i_RPM1P2
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
VO1 : U9/VO1	Name	VO1
	Number	7
	Swap Id	-1
	Type	Output
	Net Name	i_RPM1P1
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
VCC : U9/VCC	Name	VCC
	Number	8
	Swap Id	-1
	Type	Power
	Net Name	VCC_5
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
INS16789207 : R54	Name	INS16789207
	ID	1154
	Reference	R54
	Designator	
	Part Reference	R54
	Value	470R-TH-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R54/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	RPM2P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R54/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16789226
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16787897 : D21	Name	INS16787897
	ID	1119
	Reference	D21
	Designator	
	Part Reference	D21
	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	do_214ab
	Room	Temp_CH3

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

Object	Property Name	Property Value
CATHODE : D21/CATHODE	Name	CATHODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16788002
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16787799 : R45	Name	INS16787799
	ID	1101
	Reference	R45
	Designator	
	Part Reference	R45
	Value	470R-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R45/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16787965
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R45/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	+15V_ISO
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16789215 : R55	Name	INS16789215
	ID	1160
	Reference	R55
	Designator	
	Part Reference	R55
	Value	470R-1206
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R55/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16789226
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R55/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16789232
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16789117 : C28	Name	INS16789117
	ID	1166
	Reference	C28
	Designator	
	Part Reference	C28
	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C28/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C28/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16787705 : R41	Name	INS16787705
	ID	1085
	Reference	R41
	Designator	
	Part Reference	R41
	Value	470R-TH-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R41/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	RPM1P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R41/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16788002
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16787909 : D22	Name	INS16787909
	ID	1122
	Reference	D22
	Designator	
	Part Reference	D22
	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	do_214ab
	Room	Temp_CH3

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

Object	Property Name	Property Value
CATHODE : D22/CATHODE	Name	CATHODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16787975
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16789802)	Name	VCC_5

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16789816)	Name	GND_SIGNAL

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16789856)	Name	VCC_5

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866)	Name	GND_SIGNAL

Object	Property Name	Property Value
+3.3V : +3.3V (Wire ID = 16789902)	Name	+3.3V

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16789912)	Name	GND_SIGNAL

Object	Property Name	Property Value
+3.3V : +3.3V (Wire ID = 16789950)	Name	+3.3V

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16789957)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16790988)	Name	VCC_5

Object	Property Name	Property Value
T_RPM1P1 : T_RPM1P1 (Wire ID = 16791011)	Name	T_RPM1P1

Object	Property Name	Property Value
T_RPM1P2 : T_RPM1P2 (Wire ID = 16791014)	Name	T_RPM1P2

Object	Property Name	Property Value
T_RPM2P1 : T_RPM2P1 (Wire ID = 16791017)	Name	T_RPM2P1

Object	Property Name	Property Value
T_RPM2P2 : T_RPM2P2 (Wire ID = 16791020)	Name	T_RPM2P2

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791023)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791024)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791031)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791033)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791042)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791044)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791055)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791057)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791070)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791072)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791090)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791092)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791115)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791117)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791142)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791143)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791171)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791173)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791196)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791198)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791223)	Name	GND_SIGNAL

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791225)	Name	GND_SIGNAL

Object	Property Name	Property Value
N16791252 : N16791252 (Wire ID = 16791252)	Name	N16791252

Object	Property Name	Property Value
N16791255 : N16791255 (Wire ID = 16791255)	Name	N16791255

Object	Property Name	Property Value
N16791258 : N16791258 (Wire ID = 16791258)	Name	N16791258

Object	Property Name	Property Value
N16791261 : N16791261 (Wire ID = 16791261)	Name	N16791261

Object	Property Name	Property Value
N16791264 : N16791264 (Wire ID = 16791264)	Name	N16791264

Object	Property Name	Property Value
N16791264 : N16791264 (Wire ID = 16791267)	Name	N16791264

Object	Property Name	Property Value
N16791264 : N16791264 (Wire ID = 16791268)	Name	N16791264

Object	Property Name	Property Value
lv_RPM1P1 : LV_RPM1P1 (Wire ID = 16791337)	Name	LV_RPM1P1

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791347)	Name	GND_SIGNAL

Object	Property Name	Property Value
lv_RPM1P1 : LV_RPM1P1 (Wire ID = 16791453)	Name	LV_RPM1P1

Object	Property Name	Property Value
lv_RPM1P1 : LV_RPM1P1 (Wire ID = 16791455)	Name	LV_RPM1P1

Object	Property Name	Property Value
lv_RPM1P2 : LV_RPM1P2 (Wire ID = 16791493)	Name	LV_RPM1P2

Object	Property Name	Property Value
lv_RPM1P2 : LV_RPM1P2 (Wire ID = 16791495)	Name	LV_RPM1P2

Object	Property Name	Property Value
lv_RPM1P2 : LV_RPM1P2 (Wire ID = 16791497)	Name	LV_RPM1P2

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791507)	Name	GND_SIGNAL

Object	Property Name	Property Value
lv_RPM2P1 : LV_RPM2P1 (Wire ID = 16791589)	Name	LV_RPM2P1

Object	Property Name	Property Value
lv_RPM2P1 : LV_RPM2P1 (Wire ID = 16791591)	Name	LV_RPM2P1

Object	Property Name	Property Value
lv_RPM2P1 : LV_RPM2P1 (Wire ID = 16791593)	Name	LV_RPM2P1

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791603)	Name	GND_SIGNAL

Object	Property Name	Property Value
lv_RPM2P2 : LV_RPM2P2 (Wire ID = 16791687)	Name	LV_RPM2P2

Object	Property Name	Property Value
lv_RPM2P2 : LV_RPM2P2 (Wire ID = 16791689)	Name	LV_RPM2P2

Object	Property Name	Property Value
lv_RPM2P2 : LV_RPM2P2 (Wire ID = 16791691)	Name	LV_RPM2P2

Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791701)	Name	GND_SIGNAL

Object	Property Name	Property Value
i_RPM1P1 : I_RPM1P1 (Wire ID = 16792089)	Name	I_RPM1P1

Object	Property Name	Property Value
i_RPM1P2 : I_RPM1P2 (Wire ID = 16792092)	Name	I_RPM1P2

Object	Property Name	Property Value
i_RPM2P1 : I_RPM2P1 (Wire ID = 16792095)	Name	I_RPM2P1

Object	Property Name	Property Value
i_RPM2P2 : I_RPM2P2 (Wire ID = 16792098)	Name	I_RPM2P2

Object	Property Name	Property Value
T_RPM1P1 : T_RPM1P1 (Wire ID = 16792141)	Name	T_RPM1P1

Object	Property Name	Property Value
T_RPM1P2 : T_RPM1P2 (Wire ID = 16792148)	Name	T_RPM1P2

Object	Property Name	Property Value
T_RPM2P2 : T_RPM2P2 (Wire ID = 16792165)	Name	T_RPM2P2

Object	Property Name	Property Value
T_RPM2P1 : T_RPM2P1 (Wire ID = 16792201)	Name	T_RPM2P1

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
+3.3V	Name	+3.3V
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
+3.3V	Name	+3.3V
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
i_RPM1P1 :	Name	i_RPM1P1
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
i_RPM1P2 :	Name	i_RPM1P2
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
i_RPM2P1 :	Name	i_RPM2P1
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
i_RPM2P2 :	Name	i_RPM2P2
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
lv_RPM1P1 :	Name	lv_RPM1P1
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
lv_RPM1P2 :	Name	lv_RPM1P2
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
lv_RPM2P1 :	Name	lv_RPM2P1
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
lv_RPM2P2 :	Name	lv_RPM2P2
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
	Path Name	general
	Schematic Path	/
	ID	1633
	Document Name	Motor Speed & Temperature card (BH-MST-219)
	Page Number	09
	Page content	SCH-BH-MST219-2341-1A-01
	Page Count	12
	Title	LEVEL TRANSLETOR
	Name	general
	Design Name	BH-MST-219-2352-1A-01
	Design File Name	C:\VISH RANA\PROJECT\BHEL METRO\BHEL DEVLOPING\2023 BHEL\TR.
	Design Create Date	Tuesday, December 26, 2023
	Design Modify Date	Wednesday, December 27, 2023
	Design Create Time	11:02:16
	Design Modify Time	17:51:00
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, December 26, 2023
	Schematic Modify Date	Wednesday, December 27, 2023
	Schematic Create Time	11:02:18
	Schematic Modify Time	17:51:02
general : general	Schematic Page Count	0
	Schematic Page Number	0
	Page Size	A4
	Page Create Date	Tuesday, December 26, 2023
	Page Modify Date	Wednesday, December 27, 2023
	Page Create Time	18:27:49
	Page Modify Time	17:49:58
	Source Library	C:\VISH RANA\LIB\ORCAD\TEMP1.OLB
	Source Symbol	general
	Page Name	s_09_level_translator
	RevCode	1A
	Verified Date	27-SEP-23
	Designed Date	27-SEP-23
	Drawn Date	27-SEP-23
	Verified By	CKR,HS
	Drawn By	KSB
	Designed By	KSB

Object	Property Name	Property Value
	Name	INS16789857
	ID	1241
	Reference	C33
	Designator	
	Part Reference	C33
INS16789857 : C33	Value	1u-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C33/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C33/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16791678 : R64	Name	INS16791678
	ID	1294
	Reference	R64
	Designator	
	Part Reference	R64
	Value	22R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R64/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	T_RPM2P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R64/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	lv_RPM2P2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16789739 : U12	Name	INS16789739
	ID	1211
	Reference	U12
	Designator	
	Part Reference	U12
	Value	SN74LVC8T245MPWREP
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SOP65P640X120-24N
	OriginalSymbolOrigin	(-50000,90000)

Object	Property Name	Property Value
VCCA : U12/VCCA	Name	VCCA
	Number	1
	Swap Id	-1
	Type	Power
	Net Name	+3.3V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
DIR : U12/DIR	Name	DIR
	Number	2
	Swap Id	-1
	Type	Input
	Net Name	N16791264
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
A1 : U12/A1	Name	A1
	Number	3
	Swap Id	-1
	Type	Bidirectional
	Net Name	T_RPM1P1
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
A2 : U12/A2	Name	A2
	Number	4
	Swap Id	-1
	Type	Bidirectional
	Net Name	T_RPM1P2
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
A3 : U12/A3	Name	A3
	Number	5
	Swap Id	-1
	Type	Bidirectional
	Net Name	T_RPM2P1
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
A4 : U12/A4	Name	A4
	Number	6
	Swap Id	-1
	Type	Bidirectional
	Net Name	T_RPM2P2
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
A5 : U12/A5	Name	A5
	Number	7
	Swap Id	-1
	Type	Bidirectional
	Net Name	GND_SIGNAL
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
A6 : U12/A6	Name	A6
	Number	8
	Swap Id	-1
	Type	Bidirectional
	Net Name	GND_SIGNAL
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
A7 : U12/A7	Name	A7
	Number	9
	Swap Id	-1
	Type	Bidirectional
	Net Name	GND_SIGNAL
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
A8 : U12/A8	Name	A8
	Number	10
	Swap Id	-1
	Type	Bidirectional
	Net Name	GND_SIGNAL
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
GND : U12/GND	Name	GND
	Number	11
	Swap Id	-1
	Type	Power
	Net Name	GND_SIGNAL
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
GND : U12/GND	Name	GND
	Number	12
	Swap Id	-1
	Type	Power
	Net Name	GND_SIGNAL
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
GND : U12/GND	Name	GND
	Number	13
	Swap Id	-1
	Type	Power
	Net Name	GND_SIGNAL
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
B8 : U12/B8	Name	B8
	Number	14
	Swap Id	-1
	Type	Bidirectional
	Net Name	GND_SIGNAL
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
B7 : U12/B7	Name	B7
	Number	15
	Swap Id	-1
	Type	Bidirectional
	Net Name	GND_SIGNAL
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
B6 : U12/B6	Name	B6
	Number	16
	Swap Id	-1
	Type	Bidirectional
	Net Name	GND_SIGNAL
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
B5 : U12/B5	Name	B5
	Number	17
	Swap Id	-1
	Type	Bidirectional
	Net Name	GND_SIGNAL
	Order	16
	Is No Connect	False

Object	Property Name	Property Value
B4 : U12/B4	Name	B4
	Number	18
	Swap Id	-1
	Type	Bidirectional
	Net Name	N16791261
	Order	17
	Is No Connect	False

Object	Property Name	Property Value
B3 : U12/B3	Name	B3
	Number	19
	Swap Id	-1
	Type	Bidirectional
	Net Name	N16791258
	Order	18
	Is No Connect	False

Object	Property Name	Property Value
B2 : U12/B2	Name	B2
	Number	20
	Swap Id	-1
	Type	Bidirectional
	Net Name	N16791255
	Order	19
	Is No Connect	False

Object	Property Name	Property Value
B1 : U12/B1	Name	B1
	Number	21
	Swap Id	-1
	Type	Bidirectional
	Net Name	N16791252
	Order	20
	Is No Connect	False

Object	Property Name	Property Value
O\E\ : U12/O\E\	Name	O\E\
	Number	22
	Swap Id	-1
	Type	Input
	Net Name	N16791264
	Order	21
	Is No Connect	False

Object	Property Name	Property Value
VCCB : U12/VCCB	Name	VCCB
	Number	23
	Swap Id	-1
	Type	Power
	Net Name	VCC_5
	Order	22
	Is No Connect	False

Object	Property Name	Property Value
VCCB : U12/VCCB	Name	VCCB
	Number	24
	Swap Id	-1
	Type	Power
	Net Name	VCC_5
	Order	23
	Is No Connect	False

Object	Property Name	Property Value
INS16791580 : R63	Name	INS16791580
	ID	1284
	Reference	R63
	Designator	
	Part Reference	R63
	Value	22R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R63/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	T_RPM2P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R63/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	lv_RPM2P1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16791484 : R62	Name	INS16791484
	ID	1277
	Reference	R62
	Designator	
	Part Reference	R62
	Value	22R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R62/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	T_RPM1P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R62/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	lv_RPM1P2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16791692 : C38	Name	INS16791692
	ID	1291
	Reference	C38
	Designator	
	Part Reference	C38
	Value	10n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C38/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C38/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_RPM2P2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16791594 : C37	Name	INS16791594
	ID	1287
	Reference	C37
	Designator	
	Part Reference	C37
	Value	10n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C37/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C37/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_RPM2P1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16789980 : R57	Name	INS16789980
	ID	1248
	Reference	R57
	Designator	
	Part Reference	R57
	Value	100R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R57/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	i_RPM1P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R57/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16791252
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16791498 : C36	Name	INS16791498
	ID	1280
	Reference	C36
	Designator	
	Part Reference	C36
	Value	10n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C36/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C36/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_RPM1P2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16791400 : R61	Name	INS16791400
	ID	1274
	Reference	R61
	Designator	
	Part Reference	R61
	Value	22R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R61/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	T_RPM1P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R61/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	Iv_RPM1P1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16789993 : R58	Name	INS16789993
	ID	1251
	Reference	R58
	Designator	
	Part Reference	R58
	Value	100R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R58/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	i_RPM1P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R58/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16791255
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16789903 : C34	Name	INS16789903
	ID	1244
	Reference	C34
	Designator	
	Part Reference	C34
	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C34/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C34/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	+3.3V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16790006 : R59	Name	INS16790006
	ID	1254
	Reference	R59
	Designator	
	Part Reference	R59
	Value	100R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R59/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	i_RPM2P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R59/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16791258
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16789807 : C32	Name	INS16789807
	ID	1238
	Reference	C32
	Designator	
	Part Reference	C32
	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C32/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C32/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16790019 : R60	Name	INS16790019
	ID	1257
	Reference	R60
	Designator	
	Part Reference	R60
	Value	100R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
1 : R60/1	Name	1
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	i_RPM2P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R60/2	Name	2
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16791261
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16791338 : C35	Name	INS16791338
	ID	1270
	Reference	C35
	Designator	
	Part Reference	C35
	Value	10n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C35/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C35/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_RPM1P1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
Rectangle	Name	I16783997
	Left	20
	Top	2
	Right	1140
	Bottom	326
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I16784000
	Left	20
	Top	340
	Right	1138
	Bottom	660
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
R1	Name	I16783994
	Bounding Box Left	500
	Bounding Box Right	520
	Bounding Box Top	260
	Bounding Box Bottom	273
	Text	R1
	Text Location X-Coordinate	500
	Text Location Y-Coordinate	260
	Font	Courier New

Object	Property Name	Property Value
R1	Name	I16784003
	Bounding Box Left	540
	Bounding Box Right	560
	Bounding Box Top	610
	Bounding Box Bottom	623
	Text	R1
	Text Location X-Coordinate	540
	Text Location Y-Coordinate	610
	Font	Courier New

Object	Property Name	Property Value
Temperature CH 1	Name	I16784375
	Bounding Box Left	430
	Bounding Box Right	694
	Bounding Box Top	10
	Bounding Box Bottom	37
	Text	Temperature CH 1
	Text Location X-Coordinate	430
	Text Location Y-Coordinate	10
	Font	Courier New

Object	Property Name	Property Value
Temperature CH 2	Name	I16784414
	Bounding Box Left	460
	Bounding Box Right	724
	Bounding Box Top	340
	Bounding Box Bottom	367
	Text	Temperature CH 2
	Text Location X-Coordinate	460
	Text Location Y-Coordinate	340
	Font	Courier New

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16784025)	Name	VCC_5

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784035)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784037)	Name	AGND

Object	Property Name	Property Value
TM1P1- : TM1P1- (Wire ID = 16784039)	Name	TM1P1-

Object	Property Name	Property Value
TM1P1- : TM1P1- (Wire ID = 16784041)	Name	TM1P1-

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784043)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784045)	Name	AGND

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16784047)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16784049)	Name	VCC_5

Object	Property Name	Property Value
N16784051 : N16784051 (Wire ID = 16784051)	Name	N16784051

Object	Property Name	Property Value
N16784051 : N16784051 (Wire ID = 16784053)	Name	N16784051

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784055)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784057)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784059)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784061)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784063)	Name	AGND

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16784080)	Name	VCC_3_3

Object	Property Name	Property Value
N16784051 : N16784051 (Wire ID = 16784093)	Name	N16784051

Object	Property Name	Property Value
N16784051 : N16784051 (Wire ID = 16784095)	Name	N16784051

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784097)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784099)	Name	AGND

Object	Property Name	Property Value
N16784130 : N16784130 (Wire ID = 16784130)	Name	N16784130

Object	Property Name	Property Value
TM1P1- : TM1P1- (Wire ID = 16784152)	Name	TM1P1-

Object	Property Name	Property Value
TM1P1- : TM1P1- (Wire ID = 16784154)	Name	TM1P1-

Object	Property Name	Property Value
TM1P1- : TM1P1- (Wire ID = 16784156)	Name	TM1P1-

Object	Property Name	Property Value
TM1P1- : TM1P1- (Wire ID = 16784158)	Name	TM1P1-

Object	Property Name	Property Value
TM1P1- : TM1P1- (Wire ID = 16784160)	Name	TM1P1-

Object	Property Name	Property Value
N16784162 : N16784162 (Wire ID = 16784162)	Name	N16784162

Object	Property Name	Property Value
temp1_I : TEMP1_I (Wire ID = 16784164)	Name	TEMP1_I

Object	Property Name	Property Value
N16784130 : N16784130 (Wire ID = 16784167)	Name	N16784130

Object	Property Name	Property Value
N16784130 : N16784130 (Wire ID = 16784169)	Name	N16784130

Object	Property Name	Property Value
N16784130 : N16784130 (Wire ID = 16784171)	Name	N16784130

Object	Property Name	Property Value
N16784130 : N16784130 (Wire ID = 16784173)	Name	N16784130

Object	Property Name	Property Value
lv_tm1p1 : LV_TM1P1 (Wire ID = 16784189)	Name	LV_TM1P1

Object	Property Name	Property Value
N16784130 : N16784130 (Wire ID = 16784207)	Name	N16784130

Object	Property Name	Property Value
lv_tm1p1 : LV_TM1P1 (Wire ID = 16784221)	Name	LV_TM1P1

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16784227)	Name	VCC_5

Object	Property Name	Property Value
N16784237 : N16784237 (Wire ID = 16784237)	Name	N16784237

Object	Property Name	Property Value
lv_tm1p1 : LV_TM1P1 (Wire ID = 16784239)	Name	LV_TM1P1

Object	Property Name	Property Value
lv_tm1p1 : LV_TM1P1 (Wire ID = 16784241)	Name	LV_TM1P1

Object	Property Name	Property Value
lv_tm1p1 : LV_TM1P1 (Wire ID = 16784243)	Name	LV_TM1P1

Object	Property Name	Property Value
lv_tm1p1 : LV_TM1P1 (Wire ID = 16784245)	Name	LV_TM1P1

Object	Property Name	Property Value
lv_tm1p1 : LV_TM1P1 (Wire ID = 16784247)	Name	LV_TM1P1

Object	Property Name	Property Value
lv_tm1p1 : LV_TM1P1 (Wire ID = 16784249)	Name	LV_TM1P1

Object	Property Name	Property Value
lv_tm1p1 : LV_TM1P1 (Wire ID = 16784251)	Name	LV_TM1P1

Object	Property Name	Property Value
lv_tm1p1 : LV_TM1P1 (Wire ID = 16784253)	Name	LV_TM1P1

Object	Property Name	Property Value
N16784263 : N16784263 (Wire ID = 16784263)	Name	N16784263

Object	Property Name	Property Value
N16784263 : N16784263 (Wire ID = 16784265)	Name	N16784263

Object	Property Name	Property Value
N16784263 : N16784263 (Wire ID = 16784267)	Name	N16784263

Object	Property Name	Property Value
TM1P1+ : TM1P1+ (Wire ID = 16784282)	Name	TM1P1+

Object	Property Name	Property Value
TM1P1+ : TM1P1+ (Wire ID = 16784284)	Name	TM1P1+

Object	Property Name	Property Value
TM1P1+ : TM1P1+ (Wire ID = 16784318)	Name	TM1P1+

Object	Property Name	Property Value
TM1P1+ : TM1P1+ (Wire ID = 16784320)	Name	TM1P1+

Object	Property Name	Property Value
TM1P1+ : TM1P1+ (Wire ID = 16784322)	Name	TM1P1+

Object	Property Name	Property Value
temp2_I : TEMP2_I (Wire ID = 16784324)	Name	TEMP2_I

Object	Property Name	Property Value
N16784263 : N16784263 (Wire ID = 16784327)	Name	N16784263

Object	Property Name	Property Value
N16784263 : N16784263 (Wire ID = 16784329)	Name	N16784263

Object	Property Name	Property Value
N16784263 : N16784263 (Wire ID = 16784331)	Name	N16784263

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784333)	Name	AGND

Object	Property Name	Property Value
N16784349 : N16784349 (Wire ID = 16784349)	Name	N16784349

Object	Property Name	Property Value
N16784359 : N16784359 (Wire ID = 16784359)	Name	N16784359

Object	Property Name	Property Value
N16784361 : N16784361 (Wire ID = 16784361)	Name	N16784361

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784363)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784365)	Name	AGND

Object	Property Name	Property Value
temp1_I : TEMP1_I (Wire ID = 16784367)	Name	TEMP1_I

Object	Property Name	Property Value
N16784349 : N16784349 (Wire ID = 16784370)	Name	N16784349

Object	Property Name	Property Value
N16784349 : N16784349 (Wire ID = 16784372)	Name	N16784349

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784377)	Name	AGND

Object	Property Name	Property Value
temp2_I : TEMP2_I (Wire ID = 16784379)	Name	TEMP2_I

Object	Property Name	Property Value
N16784349 : N16784349 (Wire ID = 16784382)	Name	N16784349

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784384)	Name	AGND

Object	Property Name	Property Value
N16784361 : N16784361 (Wire ID = 16784409)	Name	N16784361

Object	Property Name	Property Value
N16784361 : N16784361 (Wire ID = 16784411)	Name	N16784361

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16784436)	Name	VCC_5

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784446)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784448)	Name	AGND

Object	Property Name	Property Value
TM1P2- : TM1P2- (Wire ID = 16784450)	Name	TM1P2-

Object	Property Name	Property Value
TM1P2- : TM1P2- (Wire ID = 16784452)	Name	TM1P2-

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784454)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784456)	Name	AGND

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16784458)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16784460)	Name	VCC_5

Object	Property Name	Property Value
N16784462 : N16784462 (Wire ID = 16784462)	Name	N16784462

Object	Property Name	Property Value
N16784462 : N16784462 (Wire ID = 16784464)	Name	N16784462

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784466)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784468)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784470)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784472)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784474)	Name	AGND

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16784491)	Name	VCC_3_3

Object	Property Name	Property Value
N16784462 : N16784462 (Wire ID = 16784504)	Name	N16784462

Object	Property Name	Property Value
N16784462 : N16784462 (Wire ID = 16784506)	Name	N16784462

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784508)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784510)	Name	AGND

Object	Property Name	Property Value
N16784548 : N16784548 (Wire ID = 16784548)	Name	N16784548

Object	Property Name	Property Value
TM1P2- : TM1P2- (Wire ID = 16784561)	Name	TM1P2-

Object	Property Name	Property Value
TM1P2- : TM1P2- (Wire ID = 16784563)	Name	TM1P2-

Object	Property Name	Property Value
TM1P2- : TM1P2- (Wire ID = 16784565)	Name	TM1P2-

Object	Property Name	Property Value
TM1P2- : TM1P2- (Wire ID = 16784567)	Name	TM1P2-

Object	Property Name	Property Value
TM1P2- : TM1P2- (Wire ID = 16784569)	Name	TM1P2-

Object	Property Name	Property Value
TM1P2- : TM1P2- (Wire ID = 16784571)	Name	TM1P2-

Object	Property Name	Property Value
N16784573 : N16784573 (Wire ID = 16784573)	Name	N16784573

Object	Property Name	Property Value
temp3_I : TEMP3_I (Wire ID = 16784575)	Name	TEMP3_I

Object	Property Name	Property Value
N16784548 : N16784548 (Wire ID = 16784578)	Name	N16784548

Object	Property Name	Property Value
N16784548 : N16784548 (Wire ID = 16784580)	Name	N16784548

Object	Property Name	Property Value
N16784548 : N16784548 (Wire ID = 16784582)	Name	N16784548

Object	Property Name	Property Value
N16784548 : N16784548 (Wire ID = 16784584)	Name	N16784548

Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16784586)	Name	LV_TM1P2

Object	Property Name	Property Value
N16784548 : N16784548 (Wire ID = 16784618)	Name	N16784548

Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16784628)	Name	LV_TM1P2

Object	Property Name	Property Value
N16784646 : N16784646 (Wire ID = 16784646)	Name	N16784646

Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16784648)	Name	LV_TM1P2

Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16784650)	Name	LV_TM1P2

Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16784652)	Name	LV_TM1P2

Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16784654)	Name	LV_TM1P2

Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16784656)	Name	LV_TM1P2

Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16784658)	Name	LV_TM1P2

Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16784660)	Name	LV_TM1P2

Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16784662)	Name	LV_TM1P2

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16784664)	Name	VCC_5

Object	Property Name	Property Value
N16784666 : N16784666 (Wire ID = 16784666)	Name	N16784666

Object	Property Name	Property Value
N16784666 : N16784666 (Wire ID = 16784668)	Name	N16784666

Object	Property Name	Property Value
N16784666 : N16784666 (Wire ID = 16784670)	Name	N16784666

Object	Property Name	Property Value
TM1P2+ : TM1P2+ (Wire ID = 16784693)	Name	TM1P2+

Object	Property Name	Property Value
TM1P2+ : TM1P2+ (Wire ID = 16784695)	Name	TM1P2+

Object	Property Name	Property Value
TM1P2+ : TM1P2+ (Wire ID = 16784729)	Name	TM1P2+

Object	Property Name	Property Value
TM1P2+ : TM1P2+ (Wire ID = 16784731)	Name	TM1P2+

Object	Property Name	Property Value
TM1P2+ : TM1P2+ (Wire ID = 16784733)	Name	TM1P2+

Object	Property Name	Property Value
temp4_I : TEMP4_I (Wire ID = 16784735)	Name	TEMP4_I

Object	Property Name	Property Value
N16784666 : N16784666 (Wire ID = 16784738)	Name	N16784666

Object	Property Name	Property Value
N16784666 : N16784666 (Wire ID = 16784740)	Name	N16784666

Object	Property Name	Property Value
N16784666 : N16784666 (Wire ID = 16784742)	Name	N16784666

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784744)	Name	AGND

Object	Property Name	Property Value
N16784754 : N16784754 (Wire ID = 16784754)	Name	N16784754

Object	Property Name	Property Value
N16784756 : N16784756 (Wire ID = 16784756)	Name	N16784756

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784758)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784760)	Name	AGND

Object	Property Name	Property Value
N16784776 : N16784776 (Wire ID = 16784776)	Name	N16784776

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784778)	Name	AGND

Object	Property Name	Property Value
temp3_I : TEMP3_I (Wire ID = 16784780)	Name	TEMP3_I

Object	Property Name	Property Value
N16784776 : N16784776 (Wire ID = 16784783)	Name	N16784776

Object	Property Name	Property Value
N16784776 : N16784776 (Wire ID = 16784785)	Name	N16784776

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784787)	Name	AGND

Object	Property Name	Property Value
temp4_I : TEMP4_I (Wire ID = 16784806)	Name	TEMP4_I

Object	Property Name	Property Value
N16784776 : N16784776 (Wire ID = 16784809)	Name	N16784776

Object	Property Name	Property Value
N16784756 : N16784756 (Wire ID = 16784817)	Name	N16784756

Object	Property Name	Property Value
N16784756 : N16784756 (Wire ID = 16784819)	Name	N16784756

Object	Property Name	Property Value
TM1P1- : TM1P1- (Wire ID = 16803420)	Name	TM1P1-

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_3_3	Name	VCC_3_3
	Source Library	E:\PCB_DEV\LIBRARY\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_3_3	Name	VCC_3_3
	Source Library	E:\PCB_DEV\LIBRARY\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
lv_tm1p1 :	Name	lv_tm1p1
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
TM1P1+ :	Name	TM1P1+
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
TM1P1- :	Name	TM1P1-
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
TM1P2- :	Name	TM1P2-
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
TM1P2+ :	Name	TM1P2+
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
lv_tm1p2 :	Name	lv_tm1p2
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
general : general	Path Name	general
	Schematic Path	/
	ID	1634
	Title	TEMPRATURE CH1 & CH2
	Page Count	12
	Page content	SCH-BH-MST219-2341-1A-01
	Page Number	10
	Document Name	Motor Speed & Temperature card (BH-MST-219)
	Name	general
	Design Name	BH-MST-219-2352-1A-01
	Design File Name	C:\VISH RANA\PROJECT\BHEL METRO\BHEL DEVLOPING\2023 BHEL\TR...
	Design Create Date	Tuesday, December 26, 2023
	Design Modify Date	Wednesday, December 27, 2023
	Design Create Time	11:02:16
	Design Modify Time	17:51:00
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, December 26, 2023
	Schematic Modify Date	Wednesday, December 27, 2023
	Schematic Create Time	11:02:18
	Schematic Modify Time	17:51:02
	Schematic Page Count	0
	Schematic Page Number	0
	Page Size	A4
	Page Create Date	Tuesday, December 26, 2023
	Page Modify Date	Wednesday, December 27, 2023
	Page Create Time	12:42:22
	Page Modify Time	17:49:58
	Source Library	C:\VISH RANA\LIB\ORCAD\TEMP1.OLB
	Source Symbol	general
	Page Name	s_10_ temp1&2
	RevCode	1A
	Verified Date	27-SEP-23
	Designed Date	27-SEP-23
	Drawn Date	27-SEP-23
	Verified By	CKR,HS
	Drawn By	KSB
	Designed By	KSB

Object	Property Name	Property Value
INS16784482 : R32	Name	INS16784482
	ID	833
	Reference	R32
	Designator	
	Part Reference	R32
	Value	330K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R32/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784462
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R32/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784174 : U5	Name	INS16784174
	ID	869
	Reference	U5
	Designator	
	Part Reference	U5
	Value	INA326EA/250-VSSOP8
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	vssop_8

Object	Property Name	Property Value
R1_8 : U5/R1_8	Name	R1_8
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	N16784361
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
-V : U5/-V	Name	-V
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
VOUT : U5/VOUT	Name	VOUT
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	N16784237
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
+VIN : U5/+VIN	Name	+VIN
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	N16784263
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
-VIN : U5/-VIN	Name	-VIN
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16784130
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
R2 : U5/R2	Name	R2
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	N16784051
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
+V : U5/+V	Name	+V
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
R1_1 : U5/R1_1	Name	R1_1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784359
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
INS16784788 : R40	Name	INS16784788
	ID	788
	Reference	R40
	Designator	
	Part Reference	R40
	Value	2K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R40/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784756
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R40/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16784754
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784385 : R30	Name	INS16784385
	ID	818
	Reference	R30
	Designator	
	Part Reference	R30
	Value	2K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R30/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784361
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R30/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16784359
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784285 : R28	Name	INS16784285
	ID	898
	Reference	R28
	Designator	
	Part Reference	R28
	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R28/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	temp2_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R28/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TM1P1+
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784084 : C15	Name	INS16784084
	ID	812
	Reference	C15
	Designator	
	Part Reference	C15
	Value	1n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
2 : C15/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16784130
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784587 : U7	Name	INS16784587
	ID	860
	Reference	U7
	Designator	
	Part Reference	U7
	Value	INA326EA/250-VSSOP8
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	vssop_8

Object	Property Name	Property Value
R1_8 : U7/R1_8	Name	R1_8
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	N16784756
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
-V : U7/-V	Name	-V
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
VOUT : U7/VOUT	Name	VOUT
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	N16784646
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
+VIN : U7/+VIN	Name	+VIN
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	N16784666
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
-VIN : U7/-VIN	Name	-VIN
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16784548
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
R2 : U7/R2	Name	R2
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	N16784462
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
+V : U7/+V	Name	+V
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
R1_1 : U7/R1_1	Name	R1_1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784754
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784190
	ID	824
	Reference	D12
	Designator	
	Part Reference	D12
INS16784190 : D12	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	do_214ab

Object	Property Name	Property Value
	Name	ANODE
	Number	1
	Swap Id	-1
ANODE : D12/ANODE	Type	Passive
	Net Name	TM1P1+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	2
	Swap Id	-1
CATHODE : D12/CATHODE	Type	Passive
	Net Name	TM1P1-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784696
	ID	907
	Reference	R38
	Designator	
	Part Reference	R38
INS16784696 : R38	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R38/1	Type	Passive
	Net Name	temp4_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R38/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TM1P2+
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784293 : R29	Name	INS16784293
	ID	881
	Reference	R29
	Designator	
	Part Reference	R29
	Value	10K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R29/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784263
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R29/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	temp2_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784495 : C21	Name	INS16784495
	ID	915
	Reference	C21
	Designator	
	Part Reference	C21
	Value	1n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C21/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C21/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16784548
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784601 : D17	Name	INS16784601
	ID	854
	Reference	D17
	Designator	
	Part Reference	D17
	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	do_214ab

Object	Property Name	Property Value
ANODE : D17/ANODE	Name	ANODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	TM1P2+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D17/CATHODE	Name	CATHODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TM1P2-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784198 : D13	Name	INS16784198
	ID	821
	Reference	D13
	Designator	
	Part Reference	D13
	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	do_214ab

Object	Property Name	Property Value
ANODE : D13/ANODE	Name	ANODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	TM1P1+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D13/CATHODE	Name	CATHODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TM1P1-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784704 : R39	Name	INS16784704
	ID	815
	Reference	R39
	Designator	
	Part Reference	R39
	Value	10K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R39/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784666
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R39/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	temp4_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784301 : C17	Name	INS16784301
	ID	948
	Reference	C17
	Designator	
	Part Reference	C17
	Value	1u-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C17/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C17/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm1p1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784609 : D18	Name	INS16784609
	ID	892
	Reference	D18
	Designator	
	Part Reference	D18
	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	do_214ab

Object	Property Name	Property Value
ANODE : D18/ANODE	Name	ANODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	TM1P2+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D18/CATHODE	Name	CATHODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TM1P2-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784105 : R23	Name	INS16784105
	ID	904
	Reference	R23
	Designator	
	Part Reference	R23
	Value	91R-0603-0.1%
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R23/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784162
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R23/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TM1P1-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784511 : TP4	Name	INS16784511
	ID	913
	Reference	TP4
	Designator	
	Part Reference	TP4
	Value	TP
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	TP_20D_40A
	Filename	

Object	Property Name	Property Value
TP : TP4/TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm1p2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS16784712 : C23	Name	INS16784712
	ID	809
	Reference	C23
	Designator	
	Part Reference	C23
	Value	1u-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C23/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C23/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm1p2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784309 : D15	Name	INS16784309
	ID	901
	Reference	D15
	Designator	
	Part Reference	D15
	Value	SD103AW-13-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SOD_123

Object	Property Name	Property Value
A : D15/A	Name	A
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
K : D15/K	Name	K
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm1p1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784008 : R21	Name	INS16784008
	ID	839
	Reference	R21
	Designator	
	Part Reference	R21
	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R21/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	TM1P1-
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R21/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784212 : R26	Name	INS16784212
	ID	794
	Reference	R26
	Designator	
	Part Reference	R26
	Value	100R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R26/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784237
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R26/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm1p1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784113 : R24	Name	INS16784113
	ID	857
	Reference	R24
	Designator	
	Part Reference	R24
	Value	5R9-0603-0.1%
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R24/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	temp1_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R24/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16784162
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784619 : R36	Name	INS16784619
	ID	918
	Reference	R36
	Designator	
	Part Reference	R36
	Value	100R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R36/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784646
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R36/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm1p2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784720 : D20	Name	INS16784720
	ID	800
	Reference	D20
	Designator	
	Part Reference	D20
	Value	SD103AW-13-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SOD_123

Object	Property Name	Property Value
A : D20/A	Name	A
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
K : D20/K	Name	K
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm1p2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784419 : R31	Name	INS16784419
	ID	827
	Reference	R31
	Designator	
	Part Reference	R31
	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R31/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	TM1P2-
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R31/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784016 : C13	Name	INS16784016
	ID	842
	Reference	C13
	Designator	
	Part Reference	C13
	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
2 : C13/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784523 : R33	Name	INS16784523
	ID	924
	Reference	R33
	Designator	
	Part Reference	R33
	Value	91R-0603-0.1%
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R33/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784573
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R33/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TM1P2-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784121 : R25	Name	INS16784121
	ID	939
	Reference	R25
	Designator	
	Part Reference	R25
	Value	10K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R25/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784130
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R25/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	temp1_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784427 : C19	Name	INS16784427
	ID	797
	Reference	C19
	Designator	
	Part Reference	C19
	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C19/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C19/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784026 : C14	Name	INS16784026
	ID	942
	Reference	C14
	Designator	
	Part Reference	C14
	Value	500p-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
2 : C14/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16784051
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784228 : C16	Name	INS16784228
	ID	803
	Reference	C16
	Designator	
	Part Reference	C16
	Value	10n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C16/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784130
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C16/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16784263
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784531 : R34	Name	INS16784531
	ID	785
	Reference	R34
	Designator	
	Part Reference	R34
	Value	5R9-0603-0.1%
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R34/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	temp3_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R34/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16784573
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784637 : C22	Name	INS16784637
	ID	791
	Reference	C22
	Designator	
	Part Reference	C22
	Value	10n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C22/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784548
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C22/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16784666
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784134
	ID	927
	Reference	D11
	Designator	
	Part Reference	D11
INS16784134 : D11	Value	SD103AW-13-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SOD_123

Object	Property Name	Property Value
	Name	A
	Number	1
	Swap Id	-1
A : D11/A	Type	Passive
	Net Name	lv_tm1p1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	K
	Number	2
	Swap Id	-1
K : D11/K	Type	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784437
	ID	921
	Reference	C20
	Designator	
	Part Reference	C20
INS16784437 : C20	Value	500p-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : C20/1	Type	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C20/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16784462
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784539 : R35	Name	INS16784539
	ID	945
	Reference	R35
	Designator	
	Part Reference	R35
	Value	10K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R35/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784548
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R35/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	temp3_l
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784334 : U6	Name	INS16784334
	ID	845
	Reference	U6
	Designator	
	Part Reference	U6
	Value	REF200AU/2K5-SOIC8
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	soic_8

Object	Property Name	Property Value
I1_L : U6/I1_L	Name	I1_L
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	temp1_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
I2_L : U6/I2_L	Name	I2_L
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	temp2_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
MIR_COM : U6/MIR_COM	Name	MIR_COM
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	2
	Is No Connect	True

Object	Property Name	Property Value
MIR_O/P : U6/MIR_O/P	Name	MIR_O/P
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
MIR_I/P : U6/MIR_I/P	Name	MIR_I/P
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
SUBTRATE : U6/SUBTRATE	Name	SUBTRATE
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
I2_H : U6/I2_H	Name	I2_H
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	N16784349
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
I1_H : U6/I1_H	Name	I1_H
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	N16784349
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
INS16784745 : C24	Name	INS16784745
	ID	806
	Reference	C24
	Designator	
	Part Reference	C24
	Value	1n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C24/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784666
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C24/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784142 : TP3	Name	INS16784142
	ID	884
	Reference	TP3
	Designator	
	Part Reference	TP3
	Value	TP
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	TP_20D_40A
	Filename	

Object	Property Name	Property Value
TP : TP3/TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm1p1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS16784552 : D16	Name	INS16784552
	ID	836
	Reference	D16
	Designator	
	Part Reference	D16
	Value	SD103AW-13-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SOD_123

Object	Property Name	Property Value
A : D16/A	Name	A
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm1p2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
K : D16/K	Name	K
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784350 : C18	Name	INS16784350
	ID	889
	Reference	C18
	Designator	
	Part Reference	C18
	Value	1n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C18/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784263
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C18/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784254 : D14	Name	INS16784254
	ID	910
	Reference	D14
	Designator	
	Part Reference	D14
	Value	1N4148W-7-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SOD_123

Object	Property Name	Property Value
ANODE : D14/ANODE	Name	ANODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D14/CATHODE	Name	CATHODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16784349
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784761 : U8	Name	INS16784761
	ID	930
	Reference	U8
	Designator	
	Part Reference	U8
	Value	REF200AU/2K5-SOIC8
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	soic_8

Object	Property Name	Property Value
I1_L : U8/I1_L	Name	I1_L
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	temp3_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
I2_L : U8/I2_L	Name	I2_L
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	temp4_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
MIR_COM : U8/MIR_COM	Name	MIR_COM
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	2
	Is No Connect	True

Object	Property Name	Property Value
MIR_O/P : U8/MIR_O/P	Name	MIR_O/P
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
MIR_I/P : U8/MIR_I/P	Name	MIR_I/P
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
SUBTRATE : U8/SUBTRATE	Name	SUBTRATE
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
I2_H : U8/I2_H	Name	I2_H
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	N16784776
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
I1_H : U8/I1_H	Name	I1_H
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	N16784776
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
INS16784671 : R37	Name	INS16784671
	ID	886
	Reference	R37
	Designator	
	Part Reference	R37
	Value	100K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_R_0603

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

Object	Property Name	Property Value
2 : R37/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm1p2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784268 : R27	Name	INS16784268
	ID	830
	Reference	R27
	Designator	
	Part Reference	R27
	Value	100K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R27/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R27/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm1p1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784071 : R22	Name	INS16784071
	ID	895
	Reference	R22
	Designator	
	Part Reference	R22
	Value	330K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R22/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16784051
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R22/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16784679 : D19	Name	INS16784679
	ID	878
	Reference	D19
	Designator	
	Part Reference	D19
	Value	1N4148W-7-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SOD_123

Object	Property Name	Property Value
ANODE : D19/ANODE	Name	ANODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D19/CATHODE	Name	CATHODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16784776
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
Rectangle	Name	I16781596
	Left	20
	Top	12
	Right	1140
	Bottom	336
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Rectangle	Name	I16781599
	Left	20
	Top	390
	Right	28
	Bottom	670
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Temperature CH 4	Name	I16781581
	Bounding Box Left	460
	Bounding Box Right	724
	Bounding Box Top	350
	Bounding Box Bottom	377
	Text	Temperature CH 4
	Text Location X-Coordinate	460
	Text Location Y-Coordinate	350
	Font	Courier New

Object	Property Name	Property Value
Temperature CH 3	Name	I16781584
	Bounding Box Left	430
	Bounding Box Right	694
	Bounding Box Top	20
	Bounding Box Bottom	47
	Text	Temperature CH 3
	Text Location X-Coordinate	430
	Text Location Y-Coordinate	20
	Font	Courier New

Object	Property Name	Property Value
R2	Name	I16781587
	Bounding Box Left	700
	Bounding Box Right	720
	Bounding Box Top	460
	Bounding Box Bottom	473
	Text	R2
	Text Location X-Coordinate	700
	Text Location Y-Coordinate	460
	Font	Courier New

Object	Property Name	Property Value
R1	Name	I16781590
	Bounding Box Left	550
	Bounding Box Right	570
	Bounding Box Top	610
	Bounding Box Bottom	623
	Text	R1
	Text Location X-Coordinate	550
	Text Location Y-Coordinate	610
	Font	Courier New

Object	Property Name	Property Value
C2	Name	I16781593
	Bounding Box Left	700
	Bounding Box Right	720
	Bounding Box Top	390
	Bounding Box Bottom	403
	Text	C2
	Text Location X-Coordinate	700
	Text Location Y-Coordinate	390
	Font	Courier New

Object	Property Name	Property Value
C2	Name	I16781632
	Bounding Box Left	670
	Bounding Box Right	690
	Bounding Box Top	50
	Bounding Box Bottom	63
	Text	C2
	Text Location X-Coordinate	670
	Text Location Y-Coordinate	50
	Font	Courier New

Object	Property Name	Property Value
R2	Name	I16781635
	Bounding Box Left	670
	Bounding Box Right	690
	Bounding Box Top	120
	Bounding Box Bottom	133
	Text	R2
	Text Location X-Coordinate	670
	Text Location Y-Coordinate	120
	Font	Courier New

Object	Property Name	Property Value
R1	Name	I16781638
	Bounding Box Left	520
	Bounding Box Right	540
	Bounding Box Top	270
	Bounding Box Bottom	283
	Text	R1
	Text Location X-Coordinate	520
	Text Location Y-Coordinate	270
	Font	Courier New

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16781621)	Name	VCC_5

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781640)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781642)	Name	AGND

Object	Property Name	Property Value
TM2P1- : TM2P1- (Wire ID = 16781644)	Name	TM2P1-

Object	Property Name	Property Value
TM2P1- : TM2P1- (Wire ID = 16781646)	Name	TM2P1-

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781648)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781650)	Name	AGND

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16781652)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16781654)	Name	VCC_5

Object	Property Name	Property Value
N16781656 : N16781656 (Wire ID = 16781656)	Name	N16781656

Object	Property Name	Property Value
N16781656 : N16781656 (Wire ID = 16781658)	Name	N16781656

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781660)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781662)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781664)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781666)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781668)	Name	AGND

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16781685)	Name	VCC_3_3

Object	Property Name	Property Value
N16781656 : N16781656 (Wire ID = 16781698)	Name	N16781656

Object	Property Name	Property Value
N16781656 : N16781656 (Wire ID = 16781700)	Name	N16781656

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781702)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781704)	Name	AGND

Object	Property Name	Property Value
N16781735 : N16781735 (Wire ID = 16781735)	Name	N16781735

Object	Property Name	Property Value
TM2P1- : TM2P1- (Wire ID = 16781748)	Name	TM2P1-

Object	Property Name	Property Value
TM2P1- : TM2P1- (Wire ID = 16781750)	Name	TM2P1-

Object	Property Name	Property Value
TM2P1- : TM2P1- (Wire ID = 16781752)	Name	TM2P1-

Object	Property Name	Property Value
TM2P1- : TM2P1- (Wire ID = 16781754)	Name	TM2P1-

Object	Property Name	Property Value
TM2P1- : TM2P1- (Wire ID = 16781756)	Name	TM2P1-

Object	Property Name	Property Value
TM2P1- : TM2P1- (Wire ID = 16781758)	Name	TM2P1-

Object	Property Name	Property Value
N16781760 : N16781760 (Wire ID = 16781760)	Name	N16781760

Object	Property Name	Property Value
temp5_I : TEMP5_I (Wire ID = 16781762)	Name	TEMP5_I

Object	Property Name	Property Value
N16781735 : N16781735 (Wire ID = 16781765)	Name	N16781735

Object	Property Name	Property Value
N16781735 : N16781735 (Wire ID = 16781767)	Name	N16781735

Object	Property Name	Property Value
N16781735 : N16781735 (Wire ID = 16781769)	Name	N16781735

Object	Property Name	Property Value
N16781735 : N16781735 (Wire ID = 16781771)	Name	N16781735

Object	Property Name	Property Value
N16781735 : N16781735 (Wire ID = 16781810)	Name	N16781735

Object	Property Name	Property Value
lv_tm2p1 : LV_TM2P1 (Wire ID = 16781812)	Name	LV_TM2P1

Object	Property Name	Property Value
lv_tm2p1 : LV_TM2P1 (Wire ID = 16781822)	Name	LV_TM2P1

Object	Property Name	Property Value
N16781840 : N16781840 (Wire ID = 16781840)	Name	N16781840

Object	Property Name	Property Value
lv_tm2p1 : LV_TM2P1 (Wire ID = 16781842)	Name	LV_TM2P1

Object	Property Name	Property Value
lv_tm2p1 : LV_TM2P1 (Wire ID = 16781844)	Name	LV_TM2P1

Object	Property Name	Property Value
lv_tm2p1 : LV_TM2P1 (Wire ID = 16781846)	Name	LV_TM2P1

Object	Property Name	Property Value
lv_tm2p1 : LV_TM2P1 (Wire ID = 16781848)	Name	LV_TM2P1

Object	Property Name	Property Value
lv_tm2p1 : LV_TM2P1 (Wire ID = 16781850)	Name	LV_TM2P1

Object	Property Name	Property Value
lv_tm2p1 : LV_TM2P1 (Wire ID = 16781852)	Name	LV_TM2P1

Object	Property Name	Property Value
lv_tm2p1 : LV_TM2P1 (Wire ID = 16781854)	Name	LV_TM2P1

Object	Property Name	Property Value
lv_tm2p1 : LV_TM2P1 (Wire ID = 16781856)	Name	LV_TM2P1

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16781858)	Name	VCC_5

Object	Property Name	Property Value
N16781860 : N16781860 (Wire ID = 16781860)	Name	N16781860

Object	Property Name	Property Value
N16781860 : N16781860 (Wire ID = 16781862)	Name	N16781860

Object	Property Name	Property Value
N16781860 : N16781860 (Wire ID = 16781864)	Name	N16781860

Object	Property Name	Property Value
TM2P1+ : TM2P1+ (Wire ID = 16781887)	Name	TM2P1+

Object	Property Name	Property Value
TM2P1+ : TM2P1+ (Wire ID = 16781889)	Name	TM2P1+

Object	Property Name	Property Value
TM2P1+ : TM2P1+ (Wire ID = 16781923)	Name	TM2P1+

Object	Property Name	Property Value
TM2P1+ : TM2P1+ (Wire ID = 16781925)	Name	TM2P1+

Object	Property Name	Property Value
TM2P1+ : TM2P1+ (Wire ID = 16781927)	Name	TM2P1+

Object	Property Name	Property Value
temp6_I : TEMP6_I (Wire ID = 16781929)	Name	TEMP6_I

Object	Property Name	Property Value
N16781860 : N16781860 (Wire ID = 16781932)	Name	N16781860

Object	Property Name	Property Value
N16781860 : N16781860 (Wire ID = 16781934)	Name	N16781860

Object	Property Name	Property Value
N16781860 : N16781860 (Wire ID = 16781936)	Name	N16781860

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781952)	Name	AGND

Object	Property Name	Property Value
temp5_I : TEMP5_I (Wire ID = 16781954)	Name	TEMP5_I

Object	Property Name	Property Value
N16781957 : N16781957 (Wire ID = 16781957)	Name	N16781957

Object	Property Name	Property Value
N16781957 : N16781957 (Wire ID = 16781959)	Name	N16781957

Object	Property Name	Property Value
N16781969 : N16781969 (Wire ID = 16781969)	Name	N16781969

Object	Property Name	Property Value
N16781971 : N16781971 (Wire ID = 16781971)	Name	N16781971

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781973)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781975)	Name	AGND

Object	Property Name	Property Value
temp6_I : TEMP6_I (Wire ID = 16781977)	Name	TEMP6_I

Object	Property Name	Property Value
N16781957 : N16781957 (Wire ID = 16781980)	Name	N16781957

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781982)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781984)	Name	AGND

Object	Property Name	Property Value
N16781971 : N16781971 (Wire ID = 16782009)	Name	N16781971

Object	Property Name	Property Value
N16781971 : N16781971 (Wire ID = 16782011)	Name	N16781971

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16782033)	Name	VCC_5

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782043)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782045)	Name	AGND

Object	Property Name	Property Value
TM2P2- : TM2P2- (Wire ID = 16782047)	Name	TM2P2-

Object	Property Name	Property Value
TM2P2- : TM2P2- (Wire ID = 16782049)	Name	TM2P2-

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782051)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782053)	Name	AGND

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16782055)	Name	VCC_5

Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16782057)	Name	VCC_5

Object	Property Name	Property Value
N16782059 : N16782059 (Wire ID = 16782059)	Name	N16782059

Object	Property Name	Property Value
N16782059 : N16782059 (Wire ID = 16782061)	Name	N16782059

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782063)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782065)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782067)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782069)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782071)	Name	AGND

Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16782088)	Name	VCC_3_3

Object	Property Name	Property Value
N16782059 : N16782059 (Wire ID = 16782101)	Name	N16782059

Object	Property Name	Property Value
N16782059 : N16782059 (Wire ID = 16782103)	Name	N16782059

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782105)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782107)	Name	AGND

Object	Property Name	Property Value
N16782138 : N16782138 (Wire ID = 16782138)	Name	N16782138

Object	Property Name	Property Value
TM2P2- : TM2P2- (Wire ID = 16782158)	Name	TM2P2-

Object	Property Name	Property Value
TM2P2- : TM2P2- (Wire ID = 16782160)	Name	TM2P2-

Object	Property Name	Property Value
TM2P2- : TM2P2- (Wire ID = 16782162)	Name	TM2P2-

Object	Property Name	Property Value
TM2P2- : TM2P2- (Wire ID = 16782164)	Name	TM2P2-

Object	Property Name	Property Value
TM2P2- : TM2P2- (Wire ID = 16782166)	Name	TM2P2-

Object	Property Name	Property Value
TM2P2- : TM2P2- (Wire ID = 16782168)	Name	TM2P2-

Object	Property Name	Property Value
N16782170 : N16782170 (Wire ID = 16782170)	Name	N16782170

Object	Property Name	Property Value
temp7_I : TEMP7_I (Wire ID = 16782172)	Name	TEMP7_I

Object	Property Name	Property Value
N16782138 : N16782138 (Wire ID = 16782175)	Name	N16782138

Object	Property Name	Property Value
N16782138 : N16782138 (Wire ID = 16782177)	Name	N16782138

Object	Property Name	Property Value
N16782138 : N16782138 (Wire ID = 16782179)	Name	N16782138

Object	Property Name	Property Value
N16782138 : N16782138 (Wire ID = 16782181)	Name	N16782138

Object	Property Name	Property Value
lv_tm2p2 : LV_TM2P2 (Wire ID = 16782197)	Name	LV_TM2P2

Object	Property Name	Property Value
N16782138 : N16782138 (Wire ID = 16782215)	Name	N16782138

Object	Property Name	Property Value
lv_tm2p2 : LV_TM2P2 (Wire ID = 16782229)	Name	LV_TM2P2

Object	Property Name	Property Value
N16782243 : N16782243 (Wire ID = 16782243)	Name	N16782243

Object	Property Name	Property Value
lv_tm2p2 : LV_TM2P2 (Wire ID = 16782245)	Name	LV_TM2P2

Object	Property Name	Property Value
lv_tm2p2 : LV_TM2P2 (Wire ID = 16782247)	Name	LV_TM2P2

Object	Property Name	Property Value
lv_tm2p2 : LV_TM2P2 (Wire ID = 16782249)	Name	LV_TM2P2

Object	Property Name	Property Value
lv_tm2p2 : LV_TM2P2 (Wire ID = 16782251)	Name	LV_TM2P2

Object	Property Name	Property Value
lv_tm2p2 : LV_TM2P2 (Wire ID = 16782253)	Name	LV_TM2P2

Object	Property Name	Property Value
lv_tm2p2 : LV_TM2P2 (Wire ID = 16782255)	Name	LV_TM2P2

Object	Property Name	Property Value
lv_tm2p2 : LV_TM2P2 (Wire ID = 16782257)	Name	LV_TM2P2

Object	Property Name	Property Value
lv_tm2p2 : LV_TM2P2 (Wire ID = 16782259)	Name	LV_TM2P2

Object	Property Name	Property Value
N16782269 : N16782269 (Wire ID = 16782269)	Name	N16782269

Object	Property Name	Property Value
N16782269 : N16782269 (Wire ID = 16782271)	Name	N16782269

Object	Property Name	Property Value
N16782269 : N16782269 (Wire ID = 16782273)	Name	N16782269

Object	Property Name	Property Value
TM2P2+ : TM2P2+ (Wire ID = 16782288)	Name	TM2P2+

Object	Property Name	Property Value
TM2P2+ : TM2P2+ (Wire ID = 16782290)	Name	TM2P2+

Object	Property Name	Property Value
TM2P2+ : TM2P2+ (Wire ID = 16782338)	Name	TM2P2+

Object	Property Name	Property Value
TM2P2+ : TM2P2+ (Wire ID = 16782340)	Name	TM2P2+

Object	Property Name	Property Value
TM2P2+ : TM2P2+ (Wire ID = 16782342)	Name	TM2P2+

Object	Property Name	Property Value
temp8_I : TEMP8_I (Wire ID = 16782344)	Name	TEMP8_I

Object	Property Name	Property Value
N16782269 : N16782269 (Wire ID = 16782347)	Name	N16782269

Object	Property Name	Property Value
N16782269 : N16782269 (Wire ID = 16782349)	Name	N16782269

Object	Property Name	Property Value
N16782269 : N16782269 (Wire ID = 16782351)	Name	N16782269

Object	Property Name	Property Value
temp7_I : TEMP7_I (Wire ID = 16782353)	Name	TEMP7_I

Object	Property Name	Property Value
N16782356 : N16782356 (Wire ID = 16782356)	Name	N16782356

Object	Property Name	Property Value
N16782356 : N16782356 (Wire ID = 16782358)	Name	N16782356

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782360)	Name	AGND

Object	Property Name	Property Value
temp8_I : TEMP8_I (Wire ID = 16782362)	Name	TEMP8_I

Object	Property Name	Property Value
N16782356 : N16782356 (Wire ID = 16782365)	Name	N16782356

Object	Property Name	Property Value
N16782375 : N16782375 (Wire ID = 16782375)	Name	N16782375

Object	Property Name	Property Value
N16782377 : N16782377 (Wire ID = 16782377)	Name	N16782377

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782379)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782381)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782383)	Name	AGND

Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782385)	Name	AGND

Object	Property Name	Property Value
N16782377 : N16782377 (Wire ID = 16782410)	Name	N16782377

Object	Property Name	Property Value
N16782377 : N16782377 (Wire ID = 16782412)	Name	N16782377

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_3_3	Name	VCC_3_3
	Source Library	E:\PCB_DEV\LIBRARY\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
VCC_3_3	Name	VCC_3_3
	Source Library	E:\PCB_DEV\LIBRARY\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	VCC_BAR

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
TM2P1+ :	Name	TM2P1+
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
TM2P1- :	Name	TM2P1-
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
TM2P2+ :	Name	TM2P2+
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
TM2P2- :	Name	TM2P2-
	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value
lv_tm2p1 :	Name	lv_tm2p1
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
lv_tm2p2 :	Name	lv_tm2p2
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

Object	Property Name	Property Value
general : general	Path Name	general
	Schematic Path	/
	ID	1635
	Title	TEMPRATURE CH3 & CH4
	Page Count	12
	Page content	SCH-BH-MST219-2341-1A-01
	Page Number	11
	Document Name	Motor Speed & Temperature card (BH-MST-219)
	Name	general
	Design Name	BH-MST-219-2352-1A-01
	Design File Name	C:\VISH RANA\PROJECT\BHEL METRO\BHEL DEVLOPING\2023 BHEL\TR.
	Design Create Date	Tuesday, December 26, 2023
	Design Modify Date	Wednesday, December 27, 2023
	Design Create Time	11:02:16
	Design Modify Time	17:51:00
	Schematic Name	SCHEMATIC1
	Schematic Create Date	Tuesday, December 26, 2023
	Schematic Modify Date	Wednesday, December 27, 2023
	Schematic Create Time	11:02:18
	Schematic Modify Time	17:51:02
	Schematic Page Count	0
	Schematic Page Number	0
	Page Size	A4
	Page Create Date	Tuesday, December 26, 2023
	Page Modify Date	Wednesday, December 27, 2023
	Page Create Time	12:38:00
	Page Modify Time	17:49:58
	Source Library	C:\VISH RANA\LIB\ORCAD\TEMP1.OLB
	Source Symbol	general
	Page Name	s_11_temp3 & 4
	RevCode	1A
	Verified Date	27-SEP-23
	Designed Date	27-SEP-23
	Drawn Date	27-SEP-23
	Verified By	CKR,HS
	Drawn By	KSB
	Designed By	KSB

Object	Property Name	Property Value
INS16782260 : D9	Name	INS16782260
	ID	695
	Reference	D9
	Designator	
	Part Reference	D9
	Value	1N4148W-7-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SOD_123

Object	Property Name	Property Value
ANODE : D9/ANODE	Name	ANODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D9/CATHODE	Name	CATHODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16782356
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781960 : C6	Name	INS16781960
	ID	635
	Reference	C6
	Designator	
	Part Reference	C6
	Value	1n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C6/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16781860
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS16782366 : C12	Name	INS16782366
	ID	604
	Reference	C12
	Designator	
	Part Reference	C12
	Value	1n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C12/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16782269
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS16781865 : R7	Name	INS16781865
	ID	641
	Reference	R7
	Designator	
	Part Reference	R7
	Value	100K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

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

Object	Property Name	Property Value
2 : R7/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm2p1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16782274 : R17	Name	INS16782274
	ID	680
	Reference	R17
	Designator	
	Part Reference	R17
	Value	100K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

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

Object	Property Name	Property Value
2 : R17/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm2p2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781772 : TP1	Name	INS16781772
	ID	618
	Reference	TP1
	Designator	
	Part Reference	TP1
	Value	TP
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	TP_20D_40A
	Filename	

Object	Property Name	Property Value
TP : TP1/TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm2p1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
INS16781873 : D4	Name	INS16781873
	ID	725
	Reference	D4
	Designator	
	Part Reference	D4
	Value	1N4148W-7-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SOD_123

Object	Property Name	Property Value
ANODE : D4/ANODE	Name	ANODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D4/CATHODE	Name	CATHODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16781957
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16782079 : R12	Name	INS16782079
	ID	620
	Reference	R12
	Designator	
	Part Reference	R12
	Value	330K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R12/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16782059
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS16781676 : R2	Name	INS16781676
	ID	731
	Reference	R2
	Designator	
	Part Reference	R2
	Value	330K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R2/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16781656
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS16782386 : R20	Name	INS16782386
	ID	647
	Reference	R20
	Designator	
	Part Reference	R20
	Value	2K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R20/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16782377
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R20/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16782375
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781985 : R10	Name	INS16781985
	ID	644
	Reference	R10
	Designator	
	Part Reference	R10
	Value	2K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R10/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16781971
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R10/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16781969
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16782182 : U3	Name	INS16782182
	ID	686
	Reference	U3
	Designator	
	Part Reference	U3
	Value	INA326EA/250-VSSOP8
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	vssop_8

Object	Property Name	Property Value
R1_8 : U3/R1_8	Name	R1_8
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	N16782377
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
-V : U3/-V	Name	-V
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
VOUT : U3/VOUT	Name	VOUT
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	N16782243
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
+VIN : U3/+VIN	Name	+VIN
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	N16782269
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
-VIN : U3/-VIN	Name	-VIN
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16782138
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
R2 : U3/R2	Name	R2
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	N16782059
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
+V : U3/+V	Name	+V
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
R1_1 : U3/R1_1	Name	R1_1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16782375
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
INS16781779 : U1	Name	INS16781779
	ID	746
	Reference	U1
	Designator	
	Part Reference	U1
	Value	INA326EA/250-VSSOP8
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	vssop_8

Object	Property Name	Property Value
R1_8 : U1/R1_8	Name	R1_8
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	N16781971
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
-V : U1/-V	Name	-V
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
VOUT : U1/VOUT	Name	VOUT
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	N16781840
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
+VIN : U1/+VIN	Name	+VIN
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	N16781860
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
-VIN : U1/-VIN	Name	-VIN
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16781735
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
R2 : U1/R2	Name	R2
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	N16781656
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
+V : U1/+V	Name	+V
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
R1_1 : U1/R1_1	Name	R1_1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16781969
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
INS16782291 : R18	Name	INS16782291
	ID	734
	Reference	R18
	Designator	
	Part Reference	R18
	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R18/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	temp8_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R18/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TM2P2+
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781890 : R8	Name	INS16781890
	ID	629
	Reference	R8
	Designator	
	Part Reference	R8
	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R8/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	temp6_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R8/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TM2P1+
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16782092 : C9	Name	INS16782092
	ID	595
	Reference	C9
	Designator	
	Part Reference	C9
	Value	1n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
2 : C9/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16782138
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781689 : C3	Name	INS16781689
	ID	719
	Reference	C3
	Designator	
	Part Reference	C3
	Value	1n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
2 : C3/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16781735
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781793 : D2	Name	INS16781793
	ID	598
	Reference	D2
	Designator	
	Part Reference	D2
	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	do_214ab

Object	Property Name	Property Value
ANODE : D2/ANODE	Name	ANODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	TM2P1+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D2/CATHODE	Name	CATHODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TM2P1-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16782198 : D7	Name	INS16782198
	ID	704
	Reference	D7
	Designator	
	Part Reference	D7
	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	do_214ab

Object	Property Name	Property Value
ANODE : D7/ANODE	Name	ANODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	TM2P2+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D7/CATHODE	Name	CATHODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TM2P2-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16782299 : R19	Name	INS16782299
	ID	632
	Reference	R19
	Designator	
	Part Reference	R19
	Value	10K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R19/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16782269
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R19/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	temp8_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781898 : R9	Name	INS16781898
	ID	674
	Reference	R9
	Designator	
	Part Reference	R9
	Value	10K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R9/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16781860
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R9/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	temp6_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781801 : D3	Name	INS16781801
	ID	662
	Reference	D3
	Designator	
	Part Reference	D3
	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	do_214ab

Object	Property Name	Property Value
ANODE : D3/ANODE	Name	ANODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	TM2P1+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D3/CATHODE	Name	CATHODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TM2P1-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16782206 : D8	Name	INS16782206
	ID	650
	Reference	D8
	Designator	
	Part Reference	D8
	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	do_214ab

Object	Property Name	Property Value
ANODE : D8/ANODE	Name	ANODE
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	TM2P2+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
CATHODE : D8/CATHODE	Name	CATHODE
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TM2P2-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16782307 : C11	Name	INS16782307
	ID	668
	Reference	C11
	Designator	
	Part Reference	C11
	Value	1u-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
2 : C11/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm2p2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781906 : C5	Name	INS16781906
	ID	626
	Reference	C5
	Designator	
	Part Reference	C5
	Value	1u-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
2 : C5/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm2p1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781604 : R1	Name	INS16781604
	ID	671
	Reference	R1
	Designator	
	Part Reference	R1
	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R1/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	TM2P1-
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS16782113 : R13	Name	INS16782113
	ID	592
	Reference	R13
	Designator	
	Part Reference	R13
	Value	91R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R13/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16782170
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R13/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TM2P2-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16782315 : D10	Name	INS16782315
	ID	701
	Reference	D10
	Designator	
	Part Reference	D10
	Value	SD103AW-13-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	PCB Footprint	SOD_123
	Room	Temp_CH3

Object	Property Name	Property Value
A : D10/A	Name	A
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
K : D10/K	Name	K
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm2p2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781710 : R3	Name	INS16781710
	ID	665
	Reference	R3
	Designator	
	Part Reference	R3
	Value	91R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R3/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16781760
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R3/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	TM2P1-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781813 : R6	Name	INS16781813
	ID	659
	Reference	R6
	Designator	
	Part Reference	R6
	Value	100R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R6/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16781840
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R6/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm2p1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781914 : D5	Name	INS16781914
	ID	656
	Reference	D5
	Designator	
	Part Reference	D5
	Value	SD103AW-13-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SOD_123

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

Object	Property Name	Property Value
K : D5/K	Name	K
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm2p1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781612 : C1	Name	INS16781612
	ID	722
	Reference	C1
	Designator	
	Part Reference	C1
	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
2 : C1/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16782016 : R11	Name	INS16782016
	ID	623
	Reference	R11
	Designator	
	Part Reference	R11
	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R11/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	TM2P2-
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
INS16782220 : R16	Name	INS16782220
	ID	615
	Reference	R16
	Designator	
	Part Reference	R16
	Value	100R-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R16/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16782243
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R16/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm2p2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16782121 : R14	Name	INS16782121
	ID	601
	Reference	R14
	Designator	
	Part Reference	R14
	Value	5R9-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R14/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	temp7_l
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R14/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16782170
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781718 : R4	Name	INS16781718
	ID	707
	Reference	R4
	Designator	
	Part Reference	R4
	Value	5R9-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R4/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	temp5_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R4/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16781760
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16782024 : C7	Name	INS16782024
	ID	589
	Reference	C7
	Designator	
	Part Reference	C7
	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
2 : C7/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781622 : C2	Name	INS16781622
	ID	612
	Reference	C2
	Designator	
	Part Reference	C2
	Value	500p-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
2 : C2/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16781656
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16782323 : U4	Name	INS16782323
	ID	737
	Reference	U4
	Designator	
	Part Reference	U4
	Value	REF200AU/2K5-SOIC8
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	soic_8

Object	Property Name	Property Value
I1_L : U4/I1_L	Name	I1_L
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	temp7_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
I2_L : U4/I2_L	Name	I2_L
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	temp8_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
MIR_COM : U4/MIR_COM	Name	MIR_COM
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	2
	Is No Connect	True

Object	Property Name	Property Value
MIR_O/P : U4/MIR_O/P	Name	MIR_O/P
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
MIR_I/P : U4/MIR_I/P	Name	MIR_I/P
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
SUBTRATE : U4/SUBTRATE	Name	SUBTRATE
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
I2_H : U4/I2_H	Name	I2_H
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	N16782356
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
I1_H : U4/I1_H	Name	I1_H
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	N16782356
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
INS16782129 : R15	Name	INS16782129
	ID	653
	Reference	R15
	Designator	
	Part Reference	R15
	Value	10K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R15/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16782138
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R15/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	temp7_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781726 : R5	Name	INS16781726
	ID	728
	Reference	R5
	Designator	
	Part Reference	R5
	Value	10K-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
1 : R5/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16781735
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : R5/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	temp5_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16782234 : C10	Name	INS16782234
	ID	638
	Reference	C10
	Designator	
	Part Reference	C10
	Value	10n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C10/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16782138
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C10/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16782269
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781831 : C4	Name	INS16781831
	ID	677
	Reference	C4
	Designator	
	Part Reference	C4
	Value	10n-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C4/1	Name	1
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	N16781735
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
2 : C4/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16781860
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16782034 : C8	Name	INS16782034
	ID	683
	Reference	C8
	Designator	
	Part Reference	C8
	Value	500p-0603
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
2 : C8/2	Name	2
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	N16782059
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16782142 : D6	Name	INS16782142
	ID	698
	Reference	D6
	Designator	
	Part Reference	D6
	Value	SD103AW-13-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SOD_123

Object	Property Name	Property Value
A : D6/A	Name	A
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm2p2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
K : D6/K	Name	K
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781739 : D1	Name	INS16781739
	ID	609
	Reference	D1
	Designator	
	Part Reference	D1
	Value	SD103AW-13-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SOD_123

Object	Property Name	Property Value
A : D1/A	Name	A
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm2p1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
K : D1/K	Name	K
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
INS16781937 : U2	Name	INS16781937
	ID	710
	Reference	U2
	Designator	
	Part Reference	U2
	Value	REF200AU/2K5-SOIC8
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	soic_8

Object	Property Name	Property Value
I1_L : U2/I1_L	Name	I1_L
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	temp5_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
I2_L : U2/I2_L	Name	I2_L
	Number	2
	Swap Id	-1
	Type	Passive
	Net Name	temp6_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
MIR_COM : U2/MIR_COM	Name	MIR_COM
	Number	3
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	2
	Is No Connect	True

Object	Property Name	Property Value
MIR_O/P : U2/MIR_O/P	Name	MIR_O/P
	Number	4
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
MIR_I/P : U2/MIR_I/P	Name	MIR_I/P
	Number	5
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
SUBTRATE : U2/SUBTRATE	Name	SUBTRATE
	Number	6
	Swap Id	-1
	Type	Passive
	Net Name	
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
I2_H : U2/I2_H	Name	I2_H
	Number	7
	Swap Id	-1
	Type	Passive
	Net Name	N16781957
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
I1_H : U2/I1_H	Name	I1_H
	Number	8
	Swap Id	-1
	Type	Passive
	Net Name	N16781957
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
INS16782150 : TP2	Name	INS16782150
	ID	607
	Reference	TP2
	Designator	
	Part Reference	TP2
	Value	TP
	Primitive	DEFAULT
	Implementation Type	<none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	TP_20D_40A
	Filename	

Object	Property Name	Property Value
TP : TP2/TP	Name	TP
	Number	1
	Swap Id	-1
	Type	Passive
	Net Name	lv_tm2p2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Path Name	general
	Schematic Path	/
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	Page Count	12
	Page content	SCH-BH-MST219-2341-1A-01
	Page Number	12
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	Name	general
	Design Name	BH-MST-219-2352-1A-01
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	Design Modify Date	Wednesday, December 27, 2023
	Design Create Time	11:02:16
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	Schematic Create Date	Tuesday, December 26, 2023
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	Designed Date	27-SEP-23
	Drawn Date	27-SEP-23
	Verified By	CKR,HS
	Drawn By	KSB
	Designed By	KSB