Object	Property Name	Property Value
	Name	l16679291
	Left	30
Rectangle	Тор	10
	Right	1140
	Bottom	690
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
Line	Name	116679297
	Start X-Coordinate	410
	Start Y-Coordinate	103
	End X-Coordinate	720
	End Y-Coordinate	103

Object	Property Name	Property Value
	Name	116679273
	Bounding Box Left	385
	Bounding Box Right	880
Motor Speed & Temprature Card	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
	Name	116679279
	Bounding Box Left	410
	Bounding Box Right	485
	Bounding Box Top	73
Index	Bounding Box Bottom	94
	Text	Index
	Text Location X-Coordinate	410
	Text Location Y-Coordinate	73
	Font	Verdana

Object	Property Name	Property Value	
	Name	116679285	
	Bounding Box Left	410	
	Bounding Box Right	666	
!	Bounding Box Top	103	
Sheet #01 - Cover Page Sheet #02 - Revision History	Sheet #03 - Block Diagram Sheet #04 - Power Tree Sheet Bounding Box Bottom	t #95 - Back plane Connector Sheet #06 - Power supply	Sheet #07 - LPC1833
!	Text	Sheet #01 - Cover Page Sheet #02 - Revision History	Sheet #03 - Block Diagi
	Text Location X-Coordinate	410	
	Text Location Y-Coordinate	103	
	Font	Verdana	

Object	Property Name	Property Value	
	Path Name	123	
	Schematic Path	1	
	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 DE\	/LOPING\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	
123 : 123	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	
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	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	l16774904
	Start X-Coordinate	414
	Start Y-Coordinate	88
	End X-Coordinate	414
	End Y-Coordinate	188

Object	Property Name	Property Value
Line	Name	l16774910
	Start X-Coordinate	494
	Start Y-Coordinate	88
	End X-Coordinate	494
	End Y-Coordinate	188

Object	Property Name	Property Value
Line	Name	l16774916
	Start X-Coordinate	584
	Start Y-Coordinate	88
	End X-Coordinate	584
	End Y-Coordinate	188

Object	Property Name	Property Value
Line	Name	116774922
	Start X-Coordinate	384
	Start Y-Coordinate	108
	End X-Coordinate	864
	End Y-Coordinate	108

Object	Property Name	Property Value	
	Name	l16774928	
	Bounding Box Left	504	
	Bounding Box Right	578	
27-SEP-23	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
	Name	I16774934
	Bounding Box Left	394
	Bounding Box Right	413
01	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
	Name	I16774940
	Bounding Box Left	594
	Bounding Box Right	872
	Bounding Box Top	118
- Finished initial version of the Schematic	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	
	Name	l16774946	
	Bounding Box Left	594	
Description	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
	Name	l16774952
	Bounding Box Left	454
	Bounding Box Right	718
	Bounding Box Top	18
Revision History	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	
	Name	116774958	
	Bounding Box Left	394	
	Bounding Box Right	412	
	Bounding Box Top	88	
Sr	Bounding Box Bottom	101	
	Text	Sr	
	Text Location X-Coordinate	394	
	Text Location Y-Coordinate	88	
	Font	Verdana	

Object	Property Name	Property Value
	Name	116774964
	Bounding Box Left	444
	Bounding Box Right	464
	Bounding Box Top	118
1A	Bounding Box Bottom	131
	Text	1A
	Text Location X-Coordinate	444
	Text Location Y-Coordinate	118
	Font	Verdana

Object	Property Name	Property Value
	Name	116774970
	Bounding Box Left	424
	Bounding Box Right	488
	Bounding Box Top	88
Revision	Bounding Box Bottom	101
	Text	Revision
	Text Location X-Coordinate	424
	Text Location Y-Coordinate	88
	Font	Verdana

Object	Property Name	Property Value	
	Name	I16774976	
	Bounding Box Left	514	
	Bounding Box Right	551	
Date	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	
-	Path Name	123	
	Schematic Path	/	
	ID	1661	
	Verified By	HS	
	Title	REVISION HISTORY	
I	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 DEVL	OPING\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	
123 : 123	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	
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	Page Size	A4	
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	Page Create Time	11:11:15	
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	Source Symbol	123	
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	RevCode	1A	
	Verified Date	27-SEP-23	
	Designed Date	27-SEP-23	
	Drawn Date	27-SEP-23	

Object	Property Name	Property Value
	Name	116775098
	Left	290
Bitmap	Тор	150
	Right	885
	Bottom	561

Object	Property Name	Property Value	
	Path Name	general	7
	Schematic Path	1	1
	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 DEV	LOPING\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	
general : general	Schematic Modify Date	Wednesday, December 27, 2023	
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	Schematic Modify Time	17:51:02	
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	Page Modify Date	Wednesday, December 27, 2023	
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	Page Modify Time	17:49:58	
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	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	7

Object	Property Name	Property Value	
	Path Name	general	]
	Schematic Path	1	]
	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 DEV	LOPING\2023 BHEL\TR
	Design Create Date	Tuesday, December 26, 2023	]
	Design Modify Date	Wednesday, December 27, 2023	]
	Design Create Time	11:02:16	1
	Design Modify Time	17:51:00	1
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	Schematic Create Date	Tuesday, December 26, 2023	1
	Schematic Modify Date	Wednesday, December 27, 2023	1
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	Page Modify Time	17:49:58	1
	Source Library	C:\VISH RANA\LIB\ORCAD\TEMP1.OLB	1
	Source Symbol	general	1
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	Designed Date	27-SEP-23	1
	Drawn Date	27-SEP-23	1
	Verified By	CKR,HS	1
	Drawn By	KSB	1
i	Designed By	KSB	1

Object	Property Name	Property Value
	Name	116778602
	Bounding Box Left	300
	Bounding Box Right	708
32x3 EURO CONNECTOR RA(M)	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

Ohiost	Duan auto Nama	Duamanti Valua
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16777578	Property Name	Property Value
1 211 1 211	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16777580	Name	GND SIGNAL
	1 2 2	
Object	Property Name	Property Value
VCC_15 : VCC_15 (Wire ID = 16777620 )	Name	VCC_15
	1=	15
Object   VCC_15N : VCC_15N (Wire ID = 16777622 )	Property Name	Property Value
700_1011	Name	VCC_15N
Object	Property Name	Property Value
VCC_15 : VCC_15 (Wire ID = 16777624 )	Name	VCC_15
	<u> </u>	i
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16777634	Name	GND_SIGNAL
	1=	15
Object VCC_15N: VCC_15N (Wire ID = 16777638)	Property Name	Property Value
VCC_101V: VCC_101V(VIIIC1D = 10777000)	Name	VCC_15N
Object	Property Name	Property Value
VCC_15N : VCC_15N (Wire ID = 16777640 )	Name	VCC 15N
	rame	100_1011
Object	Property Name	Property Value
VCC_15N : VCC_15N (Wire ID = 16777642 )	Name	VCC_15N
	1=	15
Object   VCC_15 : VCC_15 (Wire ID = 16777644 )	Property Name	Property Value
100_101100_10(111011	Name	VCC_15
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16777650		GND_SIGNAL
	1	
Object	Property Name	Property Value
VCC_15N : VCC_15N (Wire ID = 16777652 )	Name	VCC_15N
Ohioat	Dramarty Name	Dramoutis Value
Object VCC_5 : VCC_5 (Wire ID = 16777974 )	Property Name	Property Value
_ , , , ,	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

Dipict	Object	Bronorty Namo	Bronorty Volus
Disect			
Name			1,000_0
Name			
Object	Object	Property Name	
Name	VCC_5 : VCC_5 (Wire ID = 16777995 )	Name	VCC_5
Name			
Name	Object	Property Name	Property Value
Doc   Doc			
Dobject			1
Dobject			
Object			
Name   VCC_5   VCC_5	VOO_5 . VOO_5 (VVIIIE ID = 10///999)	Name	VCC_5
Name   VCC_5   VCC_5			
Name   VCC_5   VCC_5		Property Name	Property Value
Object			
Object			
Object	Other	December 2	I Brown M.
Object			
Name   VCC_5   VCC_5   Wire ID = 16778009   Name   VCC_5	1121 1122 (	ivame	v
Name   VCC_5   VCC_5   Wire ID = 16778009   Name   VCC_5			
Name   VCC_5   VCC_5   Wire ID = 16778009   Name   VCC_5		Property Name	Property Value
Object			
Object			
Object	Object	Property Name	Property Value
Object			
Object		. ano	SHE_SIGNE
Object			
Object		Property Name	
Object	GND_SIGNAL : GND_SIGNAL (Wire ID = 16778016)	Name	GND_SIGNAL
Object			
Object	Object	Property Name	Property Value
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           Object         Property Name         Property Value           Object         Property Name         Property Value			
Object			
Object	Contract	[ Bus and N	I Brown M.
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           Object         Property Name         Property Value			
Object         Property Name         Property Value           VCC_5: VCC_5 (Wire ID = 16778024)         Name         VCC_5           Object         Property Name         VCC_5           Object         Property Name         Property Value           GND_SIGNAL : GND_SIGNAL (Wire ID = 16778035)         Name         GND_SIGNAL           Object         Property Name         Property Value           Object         Property Name         Property Value	(\tau_1 \tau_2 \tau_2 \tau_3 \tau_4 \tau_1 \tau_1 \tau_2 \tau_2 \tau_1 \tau_1 \tau_2 \tau_3 \tau_1 \tau_1 \tau_2 \tau_3 \tau_1 \tau_1 \tau_2 \tau_3 \tau_1 \tau_1 \tau_1 \tau_2 \tau_3 \tau_1 \tau_1 \tau_2 \tau_3 \tau_1 \tau_1 \tau_1 \tau_1 \tau_2 \tau_1 \tau_1 \tau_1 \tau_1 \tau_2 \tau_1 \tau_1 \tau_2 \tau_1 \ta	ivame	GND_SIGNAL
Object         Property Name         Property Value           VCC_5: VCC_5 (Wire ID = 16778024)         Name         VCC_5           Object         Property Name         VCC_5           Object         Property Name         Property Value           GND_SIGNAL : GND_SIGNAL (Wire ID = 16778035)         Name         GND_SIGNAL           Object         Property Name         Property Value           Object         Property Name         Property Value			
Object         Property Name         Property Value           VCC_5: VCC_5 (Wire ID = 16778024)         Name         VCC_5           Object         Property Name         VCC_5           Object         Property Name         Property Value           GND_SIGNAL : GND_SIGNAL (Wire ID = 16778035)         Name         GND_SIGNAL           Object         Property Name         Property Value           Object         Property Name         Property Value		Property Name	Property Value
Object         Property Name         Property Value           GND_SIGNAL : GND_SIGNAL (Wire ID = 16778035)         Name         GND_SIGNAL           Object         Property Name         Property Value			
Object         Property Name         Property Value           GND_SIGNAL : GND_SIGNAL (Wire ID = 16778035)         Name         GND_SIGNAL           Object         Property Name         Property Value			
Object         Property Name         Property Value           GND_SIGNAL : GND_SIGNAL (Wire ID = 16778035)         Name         GND_SIGNAL           Object         Property Name         Property Value	Object	Property Name	Property Value
Object Property Name Property Value GND_SIGNAL : GND_SIGNAL (Wire ID = 16778035) Name GND_SIGNAL  Object Property Name Property Value			
Object Property Name GND_SIGNAL (Wire ID = 16778035)  Object Property Name Property Value			100_0
Object Property Name GND_SIGNAL (Wire ID = 16778035)  Object Property Name Property Value			
Object Property Name Property Value		Property Name	1
CND CIONAL CND CIONAL (Mire ID. 46770027)	GND_SIGNAL : GND_SIGNAL (Wire ID = 16778035)	Name	GND_SIGNAL
CND CIONAL CND CIONAL (Mire ID. 46770027)			
CND CIONAL CND CIONAL (Mire ID. 46770027)	Object	Property Name	Property Value
OND_ONAL			

Ohioot	Proporty Name	Proporty Value
Object   VCC_24N : VCC_24N (Wire ID = 16778519 )	Property Name Name	Property Value  VCC_24N
<u> </u>	Ivallic	VOO_241V
Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778521 )	Name	VCC_24N
C		T
Object VCC_24N : VCC_24N (Wire ID = 16778527 )	Property Name	Property Value
VCC_24N : VCC_24N (WIFE ID = 10776327)	Name	VCC_24N
Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778529 )	Name	VCC_24N
Object 40770504	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
· · · · · · · · · · · · · · · · · · ·	Ivallic	VOO_241V
Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778535 )	Name	VCC_24N
College	December No.	I Brown and a Mad
Object VCC_24 : VCC_24 (Wire ID = 16778537 )	Property Name	Property Value
	Name	VCC_24
Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778539 )	Name	VCC_24N
		-
		T -
Object VCC_24N : VCC_24N (Wire ID = 16778541 )	Property Name	Property Value
VOO_2414 . VOO_2414 (VVIIE ID = 10//0041 )	Name	VCC_24N
Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778547 )	Name	VCC 24N
	-	<u> </u>
Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778549 )	Name	VCC_24N
Object	Proporty Nama	Proporty Value
Object VCC_24N : VCC_24N (Wire ID = 16778555 )	Property Name Name	Property Value  VCC_24N
·	Ivalie	VOO_241V
Object	Property Name	Property Value
VCC_24N : VCC_24N (Wire ID = 16778557 )	Name	VCC_24N
	<u> </u>	T
Object VCC_24 : VCC_24 (Wire ID = 16778559)	Property Name	Property Value
VOO_27 . VOO_27 (Wild ID = 10/70008)	Name	VCC_24

Object VCC_24 : VCC_24 (Wire ID = 16778561 )  Object VCC_24 : VCC_24 (Wire ID = 16778563 )  Object VCC_24 : VCC_24 (Wire ID = 16778565 )  Object VCC_24 : VCC_24 (Wire ID = 16778565 )	Property Name Property Name Name Property Name Name Property Name Name	Property Value  VCC_24  Property Value  VCC_24  Property Value
Object  Object  VCC_24 : VCC_24 (Wire ID = 16778563 )  Object  VCC_24 : VCC_24 (Wire ID = 16778565 )  Object  VCC_24 : VCC_24 (Wire ID = 16778565 )	Property Name Name Property Name	Property Value VCC_24
VCC_24 : VCC_24 (Wire ID = 16778563 )	Property Name	VCC_24
VCC_24 : VCC_24 (Wire ID = 16778563 )	Property Name	VCC_24
Object  Object  Object  Object  Object	Property Name	_
VCC_24 : VCC_24 (Wire ID = 16778565 )  Object  VCC_34 : VCC_34 (Wire ID = 16778567 )		Property Value
VCC_24 : VCC_24 (Wire ID = 16778565 )  Object  VCC_34 : VCC_34 (Wire ID = 16778567 )		Property Value
VCC_24 : VCC_24 (Wire ID = 16778565 )  Object  VCC_34 : VCC_34 (Wire ID = 16778567 )		Froperty value
Object	valle	VCC_24
VCC 24 : VCC 24 (Wire ID = 16778567)		VCC_24
VCC 24 · VCC 24 (Wire ID = 16779567)		
VCC_24 : VCC_24 (Wire ID = 16778567 )	Property Name	Property Value
= \ ' ' ' ' ' '	Name	VCC_24
Ohioat	Duramanti, Nama	Duan auto Valora
VCC 24 : VCC 24 (Wire ID = 16778560)	Property Name	Property Value
_ , , , , , , , , , , ,	Name	VCC_24
	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16778571 )	Name	VCC_24
Object	Down and Marie	Programme Volum
VCC 24 · VCC 24 (Wire ID = 16779573.)	Property Name	Property Value
,	Name	VCC_24
	Property Name	Property Value
VCC_24 : VCC_24 (Wire ID = 16778575 )	Name	VCC_24
Ohioat	Duram anti Nama	Duonoute Voles
VCC 24 · VCC 24 (Wire ID = 16778577)	Property Name	Property Value  VCC_24
	valle	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 = 16779591)	Name	VCC 24
L.		
Object I	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16778583 )	Name	GND_SIGNAL
Object	Property Name	Property Value
GND SIGNAL : GND SIGNAL (Mire ID = 16779595.)	Name	GND_SIGNAL
		<b>-</b>
	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16778587 )	Name	GND_SIGNAL
Object	Proporty Namo	Property Value
CND SIGNAL : CND SIGNAL (Mire ID = 16779590.)	Property Name	Property Value  GND_SIGNAL
7 1	turno .	5.15_01011/1E

Object	Property Name	Branarty Value
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16778591 )	Property Name Name	Property Value  GND_SIGNAL
· ,	INGINO	OND_OIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16778593)	Name	GND_SIGNAL
	-	
Object	I Burn antic Name	I Dear out a Malace
Object GND_SIGNAL: GND_SIGNAL (Wire ID = 16796893)	Property Name	Property Value
OND_ORDINE: OND_ORDINE (WIRE ID = 10700000)	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796894)	Name	GND_SIGNAL
		<u> </u>
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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
. ,	Hallo	SIND_OIONAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796930 )	Name	GND_SIGNAL
	<del>, , , , , , , , , , , , , , , , , , , </del>	1
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16796932 )	Property Name	Property Value
3115_01011112 : 0115_01011112 (11110 15 = 10100002)	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796952 )	Name	GND_SIGNAL
Object GND_SIGNAL: GND_SIGNAL (Wire ID = 16796954)	Property Name	Property Value
GND_SIGNAL: GND_SIGNAL (WIFE ID = 10790934)	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796976 )	Name	GND_SIGNAL
<b>.</b>	<u> </u>	
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796978 )	Name	GND_SIGNAL
Object	Dramouty Name	Drawarty Value
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16797002 )	Property Name	Property Value
, , , , , ,	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

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Object GND_SIGNAL: GND_SIGNAL (Wire ID = 16797032)	Property Name	Property Value
	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797060 )	Name	GND_SIGNAL
Collings	Daniel Manager	I Burn anto Walton
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16797062 )	Property Name	Property Value
	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797092 )	Name	GND_SIGNAL
	( n	15
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16797094)	Property Name	Property Value
	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797126 )	Name	GND_SIGNAL
<u></u>		T =
Object GND_SIGNAL: GND_SIGNAL (Wire ID = 16797128)	Property Name	Property Value
010_01014/12 : 010_01014/12 (VIII0 ID = 10101 120 )	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797162 )	Name	GND_SIGNAL
	•	
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16797164)	Property Name	Property Value
CHD_CICHAE : CHD_CICHAE (WITE ID = 10737104)	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797203 )	Name	GND_SIGNAL
		T
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16797205 )	Property Name	Property Value
S.ID_SIGIVIE : SIND_SIGNAL (WING ID = 10/9/200)	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797246 )	Name	GND_SIGNAL
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Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16797248)	Property Name	Property Value
	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	Dranauty Nama	Dramarty Value
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16797338)	Property Name	Property Value  GND_SIGNAL
,	Hamb	OND_GIGIANE
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797340 )	Name	GND_SIGNAL
Object	Description Name	I Burn auto Value
Object GND_SIGNAL: GND_SIGNAL (Wire ID = 16797387)	Property Name	Property Value
GNE_GIGIVIE : GNE_GIGIVIE (WIRE ID = 10707007)	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797389 )	Name	GND_SIGNAL
	<u>,                                      </u>	
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
	Hallo	OND_OIONAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797491)	Name	GND_SIGNAL
Ohiost	Draw auto Nama	I Duna auto Valora
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16797493)	Property Name	Property Value
	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797546 )	Name	GND_SIGNAL
	T =	Τ=
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16797548)	Property Name	Property Value
0110_01014AE : 0110_01014AE (WITE ID = 10/9/040)	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	Droporty Namo	Proporty Value
Object GND_SIGNAL: GND_SIGNAL (Wire ID = 16797662)	Property Name Name	Property Value  GND_SIGNAL
, ,	INGING	OND_DIGINAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797741 )	Name	GND_SIGNAL
Object GND_SIGNAL: GND_SIGNAL (Wire ID = 16797743)	Property Name	Property Value
OND_GIGINAL : GIND_GIGINAL (WITE ID = 10/9//43)	Name	GND_SIGNAL

Object	Dranauty Nama	Dramarty Value
Object GND_SIGNAL: GND_SIGNAL (Wire ID = 16797804)	Property Name	Property Value GND_SIGNAL
	Name	GIND_2IGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797806)	Name	GND_SIGNAL
Ohioat	December Name	Duamanto Value
Object GND_SIGNAL: GND_SIGNAL (Wire ID = 16797869)	Property Name	Property Value
	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16797871 )	Name	GND_SIGNAL
	15 N	15
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16798007)	Property Name	Property Value
5.15_5151412 . GAD_GIGIAAE (WIIG ID = 10/3600/)	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798152 )	Name	GND_SIGNAL
		<del>.</del>
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
		5.15_5.5.V.E
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
	Name	GND_GIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798647 )	Name	GND_SIGNAL
Ohioot	Dramarty Name	Dramarty Value
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16798649)	Property Name	Property Value
	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798722 )	Name	GND_SIGNAL
	15 . N	In
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16798724)	Property Name	Property Value
5.15_51017.1E . 0115_01017AE (WITE ID = 10/30/24)	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16798799 )	Name	GND_SIGNAL

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Object GND_SIGNAL: GND_SIGNAL (Wire ID = 16798801)	Property Name	Property Value
	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
Ohioat	Decreate Name	Draw auto Valora
Object GND_SIGNAL: GND_SIGNAL (Wire ID = 16798959)	Property Name	Property Value
	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	Branarty Value
Object +15V_iso: +15V_ISO (Wire ID = 16801289)	Name	Property Value +15V_ISO
	Name	+137_100
Object	Property Name	Property Value
RPM1P1 : RPM1P1 (Wire ID = 16801922 )	Name	RPM1P1
	-	
Object TM1P1-: TM1P1- (Wire ID = 16801929)	Property Name	Property Value
TWIF 1- (Wile ID = 10001929)	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	Dranavir Nama	Dramarty Value
Object   Iv_con_chk6 : LV_CON_CHK6 (Wire ID = 16801950 )	Property Name	Property Value
200 200 200 200 200 200 200 200 200 200	Name	LV_CON_CHK6
Object	Property Name	Property Value
lv_rpm1p1 : LV_RPM1P1 (Wire ID = 16801957 )	Name	LV_RPM1P1
		_ <del>,</del>
Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16801964 )	Name	LV_TM1P2
Object	Proporty Name	Property Value
Object	Property Name	Property Value
, , , , , , , , , , , , , , , , , , , ,	Name	LV_RPM2P1

Object	Dranauty Navas	Dramarty Value
Object  RPM1P2 : RPM1P2 (Wire ID = 16802003 )	Property Name	Property Value
, 5.2,	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+
	Tamo	111111111111111111111111111111111111111
Object	Property Name	Property Value
TM2P2- : TM2P2- (Wire ID = 16802041 )	Name	TM2P2-
Object	Proporty Name	Proporty Value
Object   Iv_con_chk7 : LV_CON_CHK7 (Wire ID = 16802048)	Property Name	Property Value  LV CON CHK7
	Name	LV_CON_CHK/
Object	Property Name	Property Value
lv_rpm1p2 : LV_RPM1P2 (Wire ID = 16802055 )	Name	LV_RPM1P2
	1=	1-
Object   Iv_tm2p1 : LV_TM2P1 (Wire ID = 16802062 )	Property Name	Property Value
p1tv	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-
		İ =
Object	Property Name	Property Value
RPM2P2 : RPM2P2 (Wire ID = 16802110 )	Name	RPM2P2
Object	Dranauty Navas	Dramarty Value
Object TM2P1- : TM2P1- (Wire ID = 16802117)	Property Name	Property Value
, ,	Name	TM2P1-
Object	Property Name	Property Value
CON_CHK7 : CON_CHK7 (Wire ID = 16802124 )	Name	CON_CHK7
Object   Iv_tm1p1 : LV_TM1P1 (Wire ID = 16802131 )	Property Name	Property Value
W_ump1.Ev_1MIF1 (Wile ID = 10002131)	Name	LV_TM1P1

Object	Property Name	Property Value	
v_tm2p2 : LV_TM2P2 (Wire ID = 16802138 )	Name	LV_TM2P2	
Object	Property Name	Property Value	7
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 CON_CHK7 : CON_CHK7 (Wire ID = 16802159 )	Property Name	Property Value CON_CHK7	4
	Name	CON_CHIN	_
Object	Property Name	Property Value	7
	Name	VCC_15N	
VCC_15N	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\	LIBRARY\CAPSYM.C
	Source Symbol	VCC_BAR	7
		·	<b>-</b>
Object	Property Name	Property Value	7
	Name	VCC_15	
VCC_15	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\	LIBRARY\CAPSYM.C
	Source Symbol	VCC_BAR	
Object	Property Name	Property Value	
	Name	VCC_15N	
VCC_15N	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\	LIBRARY\CAPSYM.C
	Source Symbol	VCC_BAR	J
	15 N	15	7
Object	Property Name	Property Value	+
		VCC_15	
VCC_15	Name Source Library	DATOOLS/CADENCE/SDB 46 6/TOOLS/CADTURE/	I IDDADVICADOVM O
VCC_15	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\	LIBRARY\CAPSYM.O
VCC_15		D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\ VCC_BAR	LIBRARY\CAPSYM.O
	Source Library Source Symbol	VCC_BAR	LIBRARY\CAPSYM.C
VCC_15  Object	Source Library Source Symbol  Property Name	VCC_BAR  Property Value	LBRARY\CAPSYM.C
	Source Library Source Symbol  Property Name Name	Property Value  VCC_15N	]
Object	Source Library Source Symbol  Property Name	VCC_BAR  Property Value	]
Object	Source Library Source Symbol  Property Name Name Source Library	Property Value  VCC_15N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\	]
Object VCC_15N	Source Library Source Symbol  Property Name Name Source Library Source Symbol	Property Value  VCC_15N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\ VCC_BAR	]
Object VCC_15N Object	Source Library Source Symbol  Property Name Name Source Library	Property Value  VCC_15N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\	]
Object VCC_15N	Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name	Property Value  VCC_15N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\  VCC_BAR  Property Value	LIBRARY\CAPSYM.O
Object VCC_15N Object	Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name	Property Value  VCC_15N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\ VCC_BAR  Property Value  VCC_15	LIBRARY\CAPSYM.C
Object VCC_15N Object	Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Library	Property Value  VCC_15N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\  VCC_BAR  Property Value  VCC_15  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\	LIBRARY\CAPSYM.C
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Object  VCC_15N  Object  VCC_15	Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Library Source Symbol	Property Value  VCC_15N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\ VCC_BAR  Property Value  VCC_15  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\ VCC_BAR	LIBRARY\CAPSYM.O
Object VCC_15N  Object VCC_15	Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Library Source Symbol	Property Value  VCC_15N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\ VCC_BAR  Property Value  VCC_15  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\ VCC_BAR  Property Value	LIBRARY\CAPSYM.O

	Name	VCC_5	
VCC_5	Source Library	D:\TOOLS\CADENCE\SPB_15_2\TOOLS\CAP	TURE\LIBRARY\CAPSYM.OI
	Source Symbol	VCC_BAR	
Object	Property Name	Property Value	
	Name	VCC_5	
VCC_5	Source Library	D:\TOOLS\CADENCE\SPB_15_2\TOOLS\CAP	TURE\LIBRARY\CAPSYM.O
	Source Symbol	VCC_BAR	
Object	Property Name	Property Value	
	Name	GND_SIGNAL	
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP	TURE\L <mark>I</mark> BRARY\CAPSYM.OI
	Source Symbol	GND_SIGNAL	
Object	Property Name	Property Value	
CND SICNAL	Name	GND_SIGNAL	
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP	TURE\LIBRARY\CAPSYM.OI
	Source Symbol	GND_SIGNAL	
Ohioat	Dranavir Nama	Dramarty Value	
Object	Property Name	Property Value  GND_SIGNAL	
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP	TUDE/URDADV/CADSVM O
	Source Symbol	GND_SIGNAL	TORE GIBRARTICAF STW.O
Object	Droporty Name	Bronorty Volus	
Object	Property Name	Property Value	
Object VCC_24N	Name	VCC_24N	TUREV BRARVICARSYM O
	Name Source Library	VCC_24N D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP	TURE\LIBRARY\CAPSYM.OI
	Name	VCC_24N	TURE\LIBRARY\CAPSYM.OI
VCC_24N	Name Source Library Source Symbol	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP*  VCC_BAR	TURE\L <mark>i</mark> BRARY\CAPSYM.OI
	Name Source Library Source Symbol  Property Name	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR  Property Value	TURE\L <mark>i</mark> BRARY\CAPSYM.OI
VCC_24N	Name Source Library Source Symbol	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR  Property Value  VCC_24	
VCC_24N  Object	Name Source Library Source Symbol  Property Name Name	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR  Property Value	
VCC_24N  Object	Name Source Library Source Symbol  Property Name Name Source Library	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR  Property Value  VCC_24  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'	
Object VCC_24	Name Source Library Source Symbol  Property Name Name Source Library	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR   Property Value  VCC_24  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR   Property Value	
Object VCC_24 Object	Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Name	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR   Property Value  VCC_24  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR   Property Value  VCC_24N	TURE\L <mark>I</mark> BRARY\CAP\$YM.OI
Object VCC_24	Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Library Source Library Source Library	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR   Property Value  VCC_24  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR   Property Value  VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'	TURE\L <mark>I</mark> BRARY\CAP\$YM.OI
Object VCC_24 Object	Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Name	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR   Property Value  VCC_24  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR   Property Value  VCC_24N	TURE\LIBRARY\CAPSYM.O
Object VCC_24N  Object VCC_24  VCC_24N	Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Library Source Symbol	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR  Property Value  VCC_24  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR  Property Value  VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR	TURE\LIBRARY\CAPSYM.O
Object VCC_24 Object	Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Library Source Symbol	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR   Property Value  VCC_24  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR   Property Value  VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR  Property Value	TURE\L <mark>I</mark> BRARY\CAP\$YM.OI
Object  VCC_24N  Object  VCC_24N  Object	Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Symbol	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR  Property Value  VCC_24  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR  Property Value  VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR  Property Value  VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR	TURE\LIBRARY\CAPSYM.O
Object VCC_24N  Object VCC_24  VCC_24N	Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Symbol  Property Name Source Library Source Symbol	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR  Property Value  VCC_24  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR  Property Value  VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR  Property Value  VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR	TURE\LIBRARY\CAPSYM.O
Object  VCC_24N  Object  VCC_24N  Object	Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Symbol	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR  Property Value  VCC_24  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR  Property Value  VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR  Property Value  VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR	TURE\LIBRARY\CAPSYM.O
Object VCC_24N  Object VCC_24N  Object VCC_24N	Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Symbol  Property Name Source Symbol	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR   Property Value  VCC_24  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR   Property Value  VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR   Property Value  VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR	TURE\LIBRARY\CAPSYM.OI
Object  VCC_24N  Object  VCC_24N  Object	Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Symbol  Property Name Name Source Symbol  Property Name Name Source Symbol	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR  Property Value  VCC_24  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR  Property Value  VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR	TURE\LIBRARY\CAPSYM.OL
Object VCC_24N  Object VCC_24N  Object VCC_24N	Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Symbol  Property Name Name Source Symbol  Property Name Name Source Library Source Symbol	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR   Property Value  VCC_24  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR   Property Value  VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR   Property Value  VCC_BAR  Property Value  VCC_BAR  Property Value  VCC_BAR  Property Value  VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR  Property Value  VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP'  VCC_BAR	TURE\LIBRARY\CAPSYM.OI
Object VCC_24N  Object VCC_24N  Object VCC_24N  Object VCC_24N	Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Library Source Symbol  Property Name Name Source Symbol  Property Name Name Source Symbol  Property Name Name Source Symbol	VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR  Property Value  VCC_24  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR  Property Value  VCC_24N  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAP' VCC_BAR	TURE\LIBRARY\CAPSYM.OL

**Property Value** VCC\_5

**Property Name** 

Object

Object	Property Name	Property Value
	Name	VCC_24
VCC_24	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\L
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	GND_SIGNAL
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LBRARY\CAPSYN
	Source Symbol	GND_SIGNAL
Object	Property Name	Property Value
OND CIONAL	Name	GND_SIGNAL
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\L
	Source Symbol	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL	Name	GND_SIGNAL
0.15_010141E	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\L
	Source Symbol	GND_SIGNAL
Object	Property Name	Property Value
451/ :	Name	+15V_iso
+15V_iso	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\L
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
DDIMADO :	Name	RPM1P2
RPM1P2 :	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
TM4D4	Name	TM1P1-
ГМ1Р1- :	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
Object	Property Name	Property Value
RPM1P1:	Name Source Library	RPM1P1
	· · · · · · · · · · · · · · · · · · ·	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L
Ohioot	Property Name	Property Value
Object		Property Value  CON CHK6
CON_CHK6:	Name Source Library	
	Source Symbol	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB OFFPAGELEFT-R
	Course Cymbol	OTT ( / Market 177)
Ohioat	Dranauty Name	Proporty Volus
Object	Property Name	Property Value
Object TM2P2+:	Property Name Name Source Library	Property Value  TM2P2+  C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB

Object	Property Name	Property Value
ly oon ables:	Name	lv_con_chk6
v_con_chk6 :	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
	Source Symbol	OFFPAGELEFT-L
Ohioat	Droporty Nome	Bronorty Volus
Object	Property Name	Property Value
lv_rpm1p1 :	Name	lv_rpm1p1
-1 1	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRAF\Y\CAPSYM.O OFFPAGELEFT-L
	Source Symbol	OFFFAGELEFT-L
Object	Property Name	Property Value
	Name	lv_tm1p2
lv_tm1p2:	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRAF.Y\CAPSYM.C
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	TM1P2+
TM1P2+:	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	OFFPAGELEFT-R
Object	Property Name	Property Value
	Name	TM1P1+
TM1P1+:	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARYCAPSYM.OL
	Source Symbol	OFFPAGELEFT-R
Object	Property Name	Property Value
TM1P2-:	Name	TM1P2-
TIVITE2	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	OFFPAGELEFT-R
Object	Droporty Nama	Proporty Volus
Object	Property Name	Property Value  RPM2P2
RPM2P2:	Name Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	OFFPAGELEFT-L
	double dynasor	OTT ACCECT FE
Object	Property Name	Property Value
•	Name	TM2P1-
TM2P1-:	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	OFFPAGELEFT-R
	· ·	
Object	Property Name	Property Value
	Name	CON_CHK7
CON_CHK7:	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	OFFPAGELEFT-R
	T-	
	Property Name	Property Value
Object		
	Name	lv_tm1p1
Object lv_tm1p1:	Name Source Library	lv_tm1p1  C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.O

Object	Property Name	Property Value
	Name	lv_tm2p2
lv_tm2p2 :	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	lv_rpm2p2
lv_rpm2p2 :	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLE
	Source Symbol	OFFPAGELEFT-L
	,	
Object	Droporty Namo	Property Value
Object	Property Name	lv_rpm2p1
lv_rpm2p1 :		
-, ,	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	OFFPAGELEFT-L
	15	[5] . w.
Object	Property Name	Property Value
lv_tm2p1 :	Name	lv_tm2p1
iv_unzpi .	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLI
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	lv_rpm1p2
lv_rpm1p2 :	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	lv_con_chk7
lv_con_chk7:	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	TM2P1+
TM2P1+:	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
Object	Property Name	Property Value
	Name	RPM2P1
RPM2P1:	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.OL
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	TM2P2-
TM2P2-:	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
	ecures cyriiso.	G
Ohioot	Dramasti, Nama	Dramarty Value
Object	Property Name	Property Value
i2c_sda:	Name Source Library	
izu_sud .	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R

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

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

Object	Property Name	Property Value	
	Path Name	general	]
	Schematic Path	1	]
	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 DEVI	OPING\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	
general : general	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
_	Name	INS16777475
	ID	43
	Reference	ST1
	Designator	A
	Part Reference	ST1A
INS16777475 : ST1	Value	09036966921
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	32X3_EU_RA_09031966921222

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

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

Object	Property Name	Property Value
	Name	A1
	Number	A1
	Swap Id	-1
A1 : ST1/A1	Туре	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
	Туре	Passive
	Net Name	VCC_15
	Order	3
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	A4
	Number	A4
A4 : ST1/A4	Swap Id	-1
	Туре	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	4
	Туре	Passive
	Net Name	+15V_iso
	Order	6
	Is No Connect	True

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	A21
	Number	A21
	Swap Id	4
A21 : ST1/A21	Туре	Passive
	Net Name	GND_SIGNAL
	Order	22
	Is No Connect	True

Object	Property Name	Property Value
	Name	A22
	Number	A22
A22 : ST1/A22	Swap Id	4
	Туре	Passive
	Net Name	
	Order	23
	Is No Connect	True

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	C7
	Number	C7
C7 : ST1/C7	Swap Id	4
	Туре	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
	Туре	Passive
	Net Name	GND_SIGNAL
	Order	7
	Is No Connect	False

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

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

Object	Property Name	Property Value
	Name	C11
	Number	C11
C11 : ST1/C11	Swap Id	4
	Туре	Passive
	Net Name	TM2P1-
	Order	10
	Is No Connect	True

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

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

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

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

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

Object	Property Name	Property Value
	Name	C17
	Number	C17
C17 : ST1/C17	Swap Id	4
	Туре	Passive
	Net Name	lv_tm2p2
	Order	16
	Is No Connect	True

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

Object	Property Name	Property Value
	Name	C19
	Number	C19
C19 : ST1/C19	Swap Id	4
	Туре	Passive
	Net Name	lv_rpm2p2
	Order	18
	Is No Connect	True

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	C28
	Number	C28
C28 : ST1/C28	Swap Id	-1
	Туре	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	
	Туре	Passive	
	Net Name	GND_SIGNAL	
	Order	28	
	Is No Connect	True	

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

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

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

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

Object	Property Name	Property Value
	Name	B1
	Number	B1
	Swap Id	4
B1 : ST2/B1	Туре	Passive
	Net Name	
	Order	0
	Is No Connect	False

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	B9
	Number	B9
B9 : ST2/B9	Swap Id	4
	Туре	Passive
	Net Name	
	Order	8
	Is No Connect	True

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	B18
	Number	B18
B18 : ST2/B18	Swap Id	4
	Туре	Passive
	Net Name	
	Order	17
	Is No Connect	True

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

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

Object	Property Name	Property Value
	Name	B21
	Number	B21
B21 : ST2/B21	Swap Id	4
	Туре	Passive
	Net Name	
	Order	20
	Is No Connect	True

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

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

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

Object	Property Name	Property Value
	Name	B25
	Number	B25
B25 : ST2/B25	Swap Id	4
	Туре	Passive
	Net Name	
	Order	24
	Is No Connect	True

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	B10
	Number	B10
B10 : ST1/B10	Swap Id	4
	Туре	Passive
	Net Name	GND_SIGNAL
	Order	9
	Is No Connect	True

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

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

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

Object	Property Name	Property Value
	Name	B14
	Number	B14
	Swap Id	4
B14 : ST1/B14	Туре	Passive
	Net Name	GND_SIGNAL
	Order	13
	Is No Connect	False

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	C7
	Number	C7
C7 : ST2/C7	Swap Id	4
	Туре	Passive
	Net Name	
	Order	6
	Is No Connect	True

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

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

Object	Property Name	Property Value
	Name	C10
	Number	C10
C10 : ST2/C10	Swap Id	4
	Туре	Passive
	Net Name	
	Order	9
	Is No Connect	True

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

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

Object	Property Name	Property Value
	Name	C13
	Number	C13
C13 : ST2/C13	Swap Id	4
	Туре	Passive
	Net Name	
	Order	12
	Is No Connect	True

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

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

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

Object	Property Name	Property Value
	Name	C17
	Number	C17
	Swap Id	4
C17 : ST2/C17	Туре	Passive
	Net Name	
	Order	16
	Is No Connect	True

Object	Property Name	Property Value
	Name	C18
	Number	C18
C18 : ST2/C18	Swap Id	4
	Туре	Passive
	Net Name	
	Order	17
	Is No Connect	True

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

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

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

Object	Property Name	Property Value
	Name	C22
	Number	C22
C22 : ST2/C22	Swap Id	4
	Туре	Passive
	Net Name	
	Order	21
	Is No Connect	True

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	C29
	Number	C29
	Swap Id	4
C29 : ST2/C29	Туре	Passive
	Net Name	VCC_24N
	Order	28
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	C31
	Number	C31
	Swap Id	4
C31 : ST2/C31	Туре	Passive
	Net Name	VCC_24
	Order	30
	Is No Connect	False

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value	
	Name	116796889	
	Bounding Box Left	270	
+15V & GND power source will be used for MGFS102-	Bounding Box Right	567	
	Bounding Box Top	410	
	15 Module Bounding Box Bottom	419	
	Text	+15V & GND power source will be used for MGFS1024	15 Module.
	Text Location X-Coordinate	270	
	Text Location Y-Coordinate	410	
	Font	Courier New	

Object	Property Name	Property Value
	Name	l16796890
	Bounding Box Left	270
	Bounding Box Right	567
	Bounding Box Top	420
+24V & -24V power source will be used for MGS104	B15 Module Bounding Box Bottom	429
	Text	+24V & -24V power source will be used for MGS104815 M
	Text Location X-Coordinate	270
	Text Location Y-Coordinate	420
	Font	Courier New
	•	
Object N16796794 : N16796794 (Wire ID = 16796794 )	Property Name	Property Value
N16796794: N16796794 (Wile ID = 16796794)	Name	N16796794
Object	Property Name	Property Value
N16796794 : N16796794 (Wire ID = 16796797 )	Name	N16796794
· · · · · · · · · · · · · · · · · · ·	Name	1110790794
Object	Property Name	Property Value
N16796794 : N16796794 (Wire ID = 16796803 )	Name	N16796794
	Name	1110100101
Object	Property Name	Property Value
N16796794 : N16796794 (Wire ID = 16796805 )	Name	N16796794
Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796812 )	Name	N16796812
	T5	
Object N16796812 : N16796812 (Wire ID = 16796815 )	Property Name	Property Value
1410730012 : 1410730012 (Wile ID = 10730013 )	Name	N16796812
Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796819 )	Name	N16796812
	Name	1410790012
Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796820 )	Name	N16796812
Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796824 )	Name	N16796812
	T=	T=
Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796826 )	Name	N16796812
Obligat	I Brown and a Mari	December Value
Object N16796835 : N16796835 (Wire ID = 16796835 )	Property Name	Property Value
(WIII) = 101 20035 (WIII)	Name	N16796835
Ohioat	Dranauty Name	Dranarty Value
Object N16796812 : N16796812 (Wire ID = 16796838 )	Property Name	Property Value
(WING ID = 10/30000)	Name	N16796812

Ohioot	Proporty Name	Dronorty Volus
Object N16796812 : N16796812 (Wire ID = 16796841 )	Property Name	Property Value N16796812
, , , , ,	Ivaille	1410130012
Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796842 )	Name	N16796812
	1-	
Object N16796847 : N16796847 (Wire ID = 16796847 )	Property Name	Property Value
1410/90047 : 1410/90047 (WIRE ID = 10/90047)	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 )	1	Property Value N16796812
,	Name	1410130012
Object	Property Name	Property Value
N16796812 : N16796812 (Wire ID = 16796858 )	Name	N16796812
Obtact	I Down and a Name	Down anti- Malai
Object VCC_15: VCC_15 (Wire ID = 16799099)	Property Name	Property Value
	Name	VCC_15
Object	Property Name	Property Value
VCC_15 : VCC_15 (Wire ID = 16799100 )	Name	VCC_15
	15	T
Object VCC_24 : VCC_24 (Wire ID = 16799104 )	Property Name	Property Value
100_11.100_11(\text{\tint{\text{\text{\text{\text{\text{\text{\text{\text{\tint{\tintett{\text{\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tint{\tint{\tinte\tint{\text{\tinte\text{\text{\tint{\tint{\tint{\tint{\text{\tint{\text{\text{\text{\tint{\tint{\text{\tint{\text{\tint{\tint{\text{\tint{\tint{\text{\tint{\	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
	150.00	ORD_ORDINE
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16799165	) Name	GND_SIGNAL
	In N	la . v
Object N16796794 : N16796794 (Wire ID = 16799213 )	Property Name	Property Value
(	Name	N16796794

Object	Property Name	Property Value
Object N16796794 : N16796794 (Wire ID = 16799214 )	Name	Property Value N16796794
, ,	Ivaine	1410730734
Object	Property Name	Property Value
+15V_iso : +15V_ISO (Wire ID = 16799241 )	Name	+15V_ISO
	1 -	
Object +15V_iso: +15V_ISO (Wire ID = 16799244)	Property Name	Property Value
+15V_ISO : +15V_ISO (WITE ID = 10799244 )	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	Property Value  GND SIGNAL
,	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16799302 )	Name	GND_SIGNAL
Object	I Burn auto Nam	Down or to Volta
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16799447)	Property Name	Property Value
	Name	GND_SIGNAL
Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16799454 )	Name	VCC_5
	1=	T=
Object VCC_5: VCC_5 (Wire ID = 16799455)	Property Name	Property Value
100_0 . 100_0 (Mile ID = 10/00400 )	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
Ohiost	Duamanto Nama	Duan auto Valor
Object GND_SIGNAL: GND_SIGNAL (Wire ID = 16799473)	Property Name	Property Value
	Name	GND_SIGNAL

Object	Property Name	Property Value	
	Name	VCC_24N	
VCC_24N	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE	E\LIBRARY\CAPSYM.
	Source Symbol	VCC_BAR	
Ohioat	Drawarty Name	I Brown and the Market	_
Object	Property Name	Property Value	-
GND_SIGNAL	Name	GND_SIGNAL	
	Source Library Source Symbol	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURI GND_SIGNAL	ENLIBRARY/CAPSYM.
	Cource Cymbol	OND_OIONAL	_
Object	Property Name	Property Value	٦
	Name	VCC_24	
VCC_24	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURI	E\LIBRARY\CAPSYM.
	Source Symbol	VCC_BAR	
	•	•	_
Object	Property Name	Property Value	
	Name	VCC_15	
VCC_15	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURI	E\LIBRARY\CAPSYM.
	Source Symbol	VCC_BAR	
011	15		_
Object	Property Name	Property Value	-
+15V_iso	Name	+15V_iso	
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURI	ENLIBRARY\CAPSYM
	Source Symbol	VCC_BAR	_
Object	Property Name	Property Value	7
	Name	+15V_iso	
+15V_iso	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURI	E\LIBRARY\CAPSYM
	Source Symbol	VCC_BAR	
Object	Property Name	Property Value	
	Name	+15V_iso	
+15V_iso	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURI	E\LIBRARY\CAPSYM
	Source Symbol	VCC_BAR	
	15		_
Object	Property Name	Property Value	⊣
GND_SIGNAL	Name	GND_SIGNAL	
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURI	- ILIBRARY/CAPSYM
	Source Symbol	GND_SIGNAL	_
Object	Property Name	Property Value	7
- N <sub>1</sub> 001	Name	GND_SIGNAL	┪
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURI	LIBRARY\CAPSYM
	Source Symbol	GND_SIGNAL	
			_
Object	Property Name	Property Value	
GND_SIGNAL	Name	GND_SIGNAL	
GND SIGNAL			
GND_SIGNAL	Source Library Source Symbol	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURI GND_SIGNAL	EILIBRARY(CAPSYM.

Object	Property Name	Property Value	
	Name	GND_SIGNAL	
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\L	IBRARY\CAPSYM.OLE
	Source Symbol	GND_SIGNAL	

 
 Object
 Property Name
 Property Value

 GND\_SIGNAL
 GND\_SIGNAL

 GND\_SIGNAL
 Source Library
 D:\TOOLS\CADENCE\SPB\_16.6\TOOLS\CAPTURE\L Source Symbol

 GND\_SIGNAL
 GND\_SIGNAL

Object	Property Name	Property Value	
	Name	VCC_5	
VCC_5	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\L	IBRARY\CAPSYM.OL
	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	
	Path Name	general	
	Schematic Path	1	
	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 DEV	LOPING\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	
general : general	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
	Name	INS16796706
	ID	1581
	Reference	R83
	Designator	
	Part Reference	R83
INS16796706 : R83	Value	0R-1206
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	ETH_PHY
	PCB Footprint	SM_R_0603

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	INS16796732
	ID	1587
	Reference	R85
	Designator	
	Part Reference	R85
INS16796732 : R85	Value	NL-0R-1206
	Primitive	DEFAULT
	Implementation Type	<none></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
	Туре	Passive
	Net Name	VCC_24N
	Order	0
		Is No Connect

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

Object	Property Name	Property Value
	Name	INS16796745
	ID	1590
	Reference	R86
	Designator	
	Part Reference	R86
INS16796745 : R86	Value	0R-1206
	Primitive	DEFAULT
	Implementation Type	<none></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
	Туре	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
	Туре	Passive
	Net Name	N16796812
	Order	1
	Is No Connect	False

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

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

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

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

Object	Property Name	Property Value	
1 : C42/1	Name	1	
	Number	1	
	Swap Id	4	
	Туре	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
	Туре	Passive
	Net Name	+15V_iso
	Order	1
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C47/1	Swap Id	4
	Туре	Passive
	Net Name	+15V_iso
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	INS16796878
	ID	1608
	Reference	VR1
	Designator	
	Part Reference	VR1
	Value	MCP1700T-3302E_TT
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
INS16796878 : VR1	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=ed
	Description	Linear Voltage Regulator IC Positive Fixed 1 Output 250mA SOT-23-3

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

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

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	NC2
	Number	7
	Swap Id	4
NC2: U14/NC2	Туре	Passive
	Net Name	
	Order	5
	Is No Connect	True

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

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

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C45/1	Swap Id	4
	Туре	Passive
	Net Name	N16796794
	Order	0
	Is No Connect	False

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

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

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

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

Object	Property Name	Property Value
	Name	116795790
	Left	10
Rectangle	Тор	20
	Right	510
	Bottom	460
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	l16795793
	Left	520
Rectangle	Тор	20
	Right	1140
	Bottom	460
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	l16795787
	Bounding Box Left	700
	Bounding Box Right	1022
	Bounding Box Top	60
7 Segment Display connector	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	
	Name	I16796293	
	Bounding Box Left	200	
	Bounding Box Right	400	
	Bounding Box Top	40	
I/O Expander	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

Ohioct	Proporty Name	Proporty Value
Object VCC_3_3: VCC_3_3 (Wire ID = 16795823)	Property Name	Property Value VCC_3_3
,	IVALITIE	V00_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
	Nemic	V00_0_0
Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16795860 )	Name	VCC_3_3
	1=	15
Object   VCC_3_3 : VCC_3_3 (Wire ID = 16795862 )	Property Name	Property Value
VOC_0_0 (VVIIE ID = 10793002 )	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	I Book and a Name	I Burnanta Valua
Object VCC_3_3: VCC_3_3 (Wire ID = 16795868)	Property Name	Property Value
	Name	VCC_3_3
Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16795878 )	Name	VCC_3_3
		1-
Object VCC_3_3: VCC_3_3 (Wire ID = 16795880)	Property Name	Property Value
VOC_3_3 . VOC_3_3 (VVIII8 ID = 10793000)	Name	VCC_3_3
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16795882	Name	GND_SIGNAL
		0.00_0.0.0.0
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16795884	Name	GND_SIGNAL
	15	la .v.
Object N16795886: N16795886 (Wire ID = 16795886)	Property Name	Property Value
1415/35000 . 1416/35000 (WITE ID = 10/35000)	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	Droporty Name	Proporty Value
Object N16795890 : N16795890 (Wire ID = 16795892 )	Property Name	Property Value
, , , , , , , , , , , , , , , , , , , ,	Name	N16795890
Object	Property Name	Property Value
N16795958 : N16795958 (Wire ID = 16795958 )	Name	N16795958
	T=	[-
Object N16795958: N16795958 (Wire ID = 16795960)	Property Name	Property Value
,	Name	N16795958
Object	Property Name	Property Value
N16795962 : N16795962 (Wire ID = 16795962 )	Name	N16795962
	-	•
	_	
Object N16795962 : N16795962 (Wire ID = 16795964 )	Property Name	Property Value
N16795962 : N16795962 (WIIE 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 dsp_intn : DSP_INTN (Wire ID = 16795973 )	Property Name	Property Value
dsp_intn : DSP_int in (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		[05,10,13]
	Name	LPFG_I2C_SDA
Object	Property Name	Property Value
lpfg_i2c_scl : LPFG_I2C_SCL (Wire ID = 16795980		[05,10,13]
	Name	LPFG_I2C_SCL
		1 -
Object c1 : C1 (Wire ID = 16795982 )	Property Name	Property Value
01.01 (WHO ID = 10700002)	Name	C1
Object	Property Name	Property Value
N16795985 : N16795985 (Wire ID = 16795985 )	Name	N16795985

	T	Ta . v.
Object N16795985 : N16795985 (Wire ID = 16795987 )	Property Name	Property Value
(Wile ID = 10/90907)	Name	N16795985
Object	Property Name	Property Value
N16795989 : N16795989 (Wire ID = 16795989 )	Name	N16795989
	Hamo	1110100000
Object	Property Name	Property Value
N16795989 : N16795989 (Wire ID = 16795991 )	Name	N16795989
	_	
Object d1 : D1 (Wire ID = 16796001 )	Property Name	Property Value
d1. D1 (Wile ID = 16796001)	Name	D1
Object	Property Name	Property Value
dsp_intn : DSP_INTN (Wire ID = 16796048 )		DSP_INTN
	Name	DOF_INTIN
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	Duan anti- Nama	Duamanti Valua
Object a1 : A1 (Wire ID = 16796056 )	Property Name	Property Value
2(	Name	A1
Object	Property Name	Property Value
a2 : A2 (Wire ID = 16796059 )	Name	A2
	- <del>-</del>	· -
Object	Property Name	Property Value
dsp_rst_io : DSP_RST_IO (Wire ID = 16796062 )	Name	DSP_RST_IO
Object	I Brown autor Name	I Busineste Value
Object f1 : F1 (Wire ID = 16796065 )	Property Name	Property Value
(*********************************	Name	F1
Object	Property Name	Property Value
b1 : B1 (Wire ID = 16796068 )	Name	B1
		i =.
Object	Property Name	Property Value
N16795958 : N16795958 (Wire ID = 16796071 )	Name	N16795958
	1-	
Object	Property Name	Property Value
N16796073 : N16796073 (Wire ID = 16796073 )	Name	N16796073
Object	Proporty Name	Bronorty Volus
Object N16796073 : N16796073 (Wire ID = 16796075 )	Property Name	Property Value
33333 (1333 - 13333 0)	Name	N16796073

Ohioat	Duamanti Nama	Duo nontre Voltro
Object N16796077: N16796077 (Wire ID = 16796077)	Property Name	Property Value
(	Name	N16796077
Object	Property Name	Property Value
N16796077 : N16796077 (Wire ID = 16796079 )	Name	N16796077
		<u>:</u>
Object	Property Name	Property Value
N16795962 : N16795962 (Wire ID = 16796081 )	Name	N16795962
Object	Property Name	Property Value
<b>Object</b> b2 : B2 (Wire ID = 16796083 )	Name	B2
	Name	UL.
Object	Property Name	Property Value
g1 : G1 (Wire ID = 16796086 )	Name	G1
<del></del>	<del></del>	
	1=	15
Object c1 : C1 (Wire ID = 16796089 )	Property Name	Property Value
5 61 (Mile ID = 10730003)	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	Proporty Namo	Bronorty Value
Object c2 : C2 (Wire ID = 16796096 )	Property Name	Property Value
<u>'</u>	Name	U2
Object	Property Name	Property Value
dp1 : DP1 (Wire ID = 16796104 )	Name	DP1
Obline	I Barranta Na	Descriptor Vol.
Object d1 : D1 (Wire ID = 16796107 )	Property Name	Property Value
2.12. (1.113.12 = 13.133.101.)	Name	D1
Object	Property Name	Property Value
N16796073 : N16796073 (Wire ID = 16796110 )	Name	N16796073
		-
Object N16796077: N16796077 (Wire ID = 16796112)	Property Name	Property Value
(Wile ID = 10/901/2)	Name	N16796077
Object	Property Name	Property Value
d2 : D2 (Wire ID = 16796114 )	Name	D2
		<u>ı</u>
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	IDEE.	[05,10,13]
pig_i26_361. El 1 6_i26_562 (Wile ID = 10/30124	Name	LPFG_I2C_SCL
Object	Property Name	Property Value
a2 : A2 (Wire ID = 16796127 )	Name	A2
	rano	1
Object	Property Name	Property Value
e1 : E1 (Wire ID = 16796130 )	Name	E1
	Name	
Object	Property Name	Droporty Volus
Object N16796133 : N16796133 (Wire ID = 16796133 )	Property Name	Property Value
	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 = 1679614)		[05,10,13]
.p.g25_6dd : 21 : 625_657 (Wile is = 16166 : 1	Name	LPFG_I2C_SDA
	•	•
Object	Property Name	Property Value
lpfg_i2c_sda : LPFG_I2C_SDA (Wire ID = 1679614:	IDEE	[05,10,13]
.p.g20_0dd : 21 : 020_057 (VIII0 : 2 = 10100 : II	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
	•	<u>.</u>
Object	Property Name	Property Value
N16796151 : N16796151 (Wire ID = 16796151 )	Name	N16796151
	Name	WithSold
Object	Bronorty Nome	Bronarty Value
Object N16796151 : N16796151 (Wire ID = 16796153 )	Property Name	Property Value
, , , , , , , , , , , , , , , , , , , ,	Name	N16796151
	Ta	Ta
Object N16796155 : N16796155 (Wire ID = 16796155 )	Property Name	Property Value
(Wile ID = 10/30/33)	Name	N16796155
	I B 4 N	D
<b>Object</b> N16796155 : N16796155 (Wire ID = 16796157 )	Property Name	Property Value N16796155

Ohioot	Dramarty Naves	Dramarty Value
Object f2 : F2 (Wire ID = 16796159 )	Property Name	Property Value
,,	Name	F2
Object	Property Name	Property Value
c2 : C2 (Wire ID = 16796162 )	Name	C2
	-	•
Object g1 : G1 (Wire ID = 16796165 )	Property Name	Property Value
gr. Gr (Wile ID = 16796165)	Name	G1
Object	Property Name	Property Value
N16796168 : N16796168 (Wire ID = 16796168 )	Name	N16796168
		•
Object N40700400 (M/rs ID 40700470)	Property Name	Property Value
N16796168 : N16796168 (Wire ID = 16796170 )	Name	N16796168
Object	Property Name	Property Value
N16796172 : N16796172 (Wire ID = 16796172 )	Name	N16796172
	Ivanic	1410/301/2
Object	Property Name	Property Value
N16796172 : N16796172 (Wire ID = 16796174 )	Name	N16796172
Object	I Burner of the Name	Duran anti- Malian
<b>Object</b> g2 : G2 (Wire ID = 16796176 )	Property Name	Property Value
32.02(	Name	G2
Object	Property Name	Property Value
N16796187 : N16796187 (Wire ID = 16796187 )	Name	N16796187
	T -	T =
Object N16796187: N16796187 (Wire ID = 16796189)	Property Name	Property Value
(Wile ID = 10730103)	Name	N16796187
Object	Property Name	Property Value
d2 : D2 (Wire ID = 16796191 )	Name	D2
	-	<u> </u>
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
	15	[B 4 W]
Object N16796151 : N16796151 (Wire ID = 16796201 )	Property Name	Property Value
(Wild ID = 10100201)	Name	N16796151

Object	Branariy Name	Bronorty Volum
Object N16796155: N16796155 (Wire ID = 16796203)	Property Name	Property Value N16796155
<u> </u>	IVALITE	1410190199
Object	Property Name	Property Value
N16796205 : N16796205 (Wire ID = 16796205 )	Name	N16796205
	-	·
Object dp2 : DP2 (Wire ID = 16796207 )	Property Name	Property Value
upz : BF2 (Wile ID = 10/9020/)	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	Property Value
	IVALITO	L L L
Object	Property Name	Property Value
f2 : F2 (Wire ID = 16796233 )	Name	F2
	15	15
Object g2 : G2 (Wire ID = 16796236 )	Property Name	Property Value
3-1-0-(1	Name	G2
Object	Property Name	Property Value
N16796168 : N16796168 (Wire ID = 16796239 )	Name	N16796168
		•
C	1-	T
Object N16796172 : N16796172 (Wire ID = 16796241 )	Property Name	Property Value
1410730172 : 1410730172 (Wile ID = 10730241)	Name	N16796172
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796243		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
		1 5. 5
Object	Property Name	Property Value
N16796210 : N16796210 (Wire ID = 16796250 )	Name	N16796210
Ohioot	Dramarty Naves	Dramarty Value
Object N16796187 : N16796187 (Wire ID = 16796252 )	Property Name	Property Value
( 1 11-22)	Name	N16796187

Object	Branariy Nama	Proporty Value
Object N16796197: N16796197 (Wire ID = 16796254)	Property Name Name	Property Value N16796197
. , , , , , , , , , , , , , , , , , , ,	Name	1410130131
Object	Property Name	Property Value
N16796205 : N16796205 (Wire ID = 16796256 )	Name	N16796205
Ohioat	I Duamante Nama	Dramanti Value
Object N16796187 : N16796187 (Wire ID = 16796258 )	Property Name	Property Value
	Name	N16796187
Object	Property Name	Property Value
N16796187 : N16796187 (Wire ID = 16796260 )	Name	N16796187
		-
	T	<u></u>
Object N16796210 : N16796210 (Wire ID = 16796264 )	Property Name	Property Value
1410/30210 . 1410/30210 (WIRE ID = 10/30204)	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
· · · · · · · · · · · · · · · · · · ·	Hallo	
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16796303)	Name	GND_SIGNAL
Colling	I Burn anta Nama	I Brown at a Walton
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16796305)	Property Name	Property Value
	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16800734 )	Name	GND_SIGNAL
	I =	1=
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16800736)	Property Name	Property Value
315_31314AL . 315_31314AL (WITE ID = 10000730 )	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	Proporty Namo	Proporty Value
Object VCC_5: VCC_5 (Wire ID = 16802674)	Property Name	Property Value  VCC_5
· · · · · · · · · · · · · · · · · · ·	Name	_ voo_3

Object	Property Name	Bronorty Value
Object VCC_5 : VCC_5 (Wire ID = 16802676 )	Property Name	Property Value
	Namo	100_0
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 GND : GND (Wire ID = 16802722 )	Property Name	Property Value
OND : OND (WITE ID = 10002722)	Name	GND
Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16802724 )	Name	VCC_5
Object	Property Name	Proporty Value
Object i_conchk6: I_CONCHK6 (Wire ID = 16802726)	Name	Property Value
	reality	I_OONOFINO
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 conchk6 : CONCHK6 (Wire ID = 16802732 )	Property Name	Property Value
continue: Gottoffile (Wile ID = 10002702)	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
	133.110	o_concinc
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
Colling	I Book and the Name	I Brown and a Wall
Object i_conchk7 : I_CONCHK7 (Wire ID = 16802764 )	Property Name	Property Value
	Name	I_CONCHK7
Object	Property Name	Property Value
conchk7 : CONCHK7 (Wire ID = 16802766 )	Name	CONCHK7
<del></del>		

Ohioot	Dramanty Names	Dramantis Value
Object i_conchk7 : I_CONCHK7 (Wire ID = 16802776)	Property Name	Property Value
_ , , , , , , , , , , , , , , , , , , ,	Name	I_CONCHK7
Object	Property Name	Property Value
s_conchk7 : S_CONCHK7 (Wire ID = 16802778 )	Name	S_CONCHK7
	1-	15
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16802788)	Property Name	Property Value
GIVE_GIGIVAL : GIVE_GIGIVAL (WIIG ID = 10002100)	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16802790 )	Name	GND_SIGNAL
		•
Object N16802800 : N16802800 (Wire ID = 16802800 )	Property Name	Property Value
N10802800 : N10802800 (Wire ID = 10802800 )	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
	Hamo	N10002014
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16802816)	Name	GND_SIGNAL
Object	Property Name	Property Value
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16802818)	Name	GND_SIGNAL
I.	Name	GND_GIGNAL
Object	Property Name	Property Value
N16802828 : N16802828 (Wire ID = 16802828 )	Name	N16802828
Object	Proporty Name	Property Value
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16802830)	Property Name	Property Value
, , , , , , , , , , , , , , , , , , , ,	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16802832 )	Name	GND_SIGNAL
	Ta	<u> </u>
Object N16802834 : N16802834 (Wire ID = 16802834 )	Property Name	Property Value
	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 = 1680283	Name	GND_SIGNAL
Object	Property Name	Property Value
	Name	VCC_3_3
VCC_3_3	Source Library	E:\DATA_SERVER\LIBRARY\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	VCC_3_3
VCC_3_3	Source Library	E:\DATA_SERVER\LIBRARY\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	VCC_BAR
_	_	<del>_</del>
Object	Property Name	Property Value
	Name	VCC_3_3
VCC_3_3	Source Library	E:\DATA_SERVER\LIBRARY\CAPTURE\SLS_GENEFAL.OLB
	Source Symbol	VCC_BAR
<del></del>		
Object	Property Name	Property Value
	Name	GND_SIGNAL
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LBRARY\CAPSYM
	Source Symbol	GND_SIGNAL
Object	Property Name	Property Value
	Name	VCC_3_3
VCC_3_3	Source Library	E:\DATA_SERVER\LIBRARY\CAPTURE\SLS_GENERAL:OLB
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
-	Name	VCC_3_3
VCC_3_3	Source Library	E:\DATA_SERVER\LIBRARY\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
7177 0101141	Name	GND_SIGNAL
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\L
	Source Symbol	GND_SIGNAL
<u></u>	<u></u>	
Object	Property Name	Property Value
VCC_3_3	Name	VCC_3_3
VCC_3_3	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\L
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	GND_SIGNAL
Object  GND_SIGNAL		

	Property Name	Property Value
	Name	GND_SIGNAL
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LBRARY\CAP
	Source Symbol	GND_SIGNAL
Object	Property Name	Property Value
Object	Name	GND SIGNAL
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPS
	Source Symbol	GND_SIGNAL
	Oburos Cyrinas.	GID_GIGINE
Al. 1 (	Descriptiv Nama	Promonto Volus
Object	Property Name	Property Value
GND_SIGNAL	Name	GND_SIGNAL
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\L
	Source Symbol	GND_SIGNAL
Object	Property Name	Property Value
VCC_5	Name	VCC_5
VCC_5	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LBRARY\CAPS
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	GND
GND	Source Library	C:\CADENCE\SPB_17.2\TOOL\$\CAPTURE\LIBRARY\CAP\$YM.OL
	Source Symbol	GND
Object	Property Name	Property Value
	Name	GND_SIGNAL
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LBRARY\CAPS
	Source Symbol	GND_SIGNAL
Ohiect	Property Name	Property Value
Object	Property Name	Property Value  GND SIGNAL
Object  GND_SIGNAL	Name	GND_SIGNAL
	Name Source Library	GND_SIGNAL D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\L
	Name	GND_SIGNAL
GND_SIGNAL	Name Source Library Source Symbol	GND_SIGNAL  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\L  GND_SIGNAL
	Name Source Library Source Symbol  Property Name	GND_SIGNAL  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\L  GND_SIGNAL  Property Value
GND_SIGNAL  Object	Name Source Library Source Symbol  Property Name IREF	GND_SIGNAL  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\L  GND_SIGNAL  Property Value  [05,10,13]
GND_SIGNAL	Name Source Library Source Symbol  Property Name IREF Name	GND_SIGNAL  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\L  GND_SIGNAL  Property Value  [05,10,13]  lpfg_i2c_scl
GND_SIGNAL  Object	Name Source Library Source Symbol  Property Name IREF Name Source Library	GND_SIGNAL  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\L  BRARY\CAPS  GND_SIGNAL  Property Value  [05.10,13]  lpfg_i2c_scl  C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLI
GND_SIGNAL  Object	Name Source Library Source Symbol  Property Name IREF Name	GND_SIGNAL  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\L  GND_SIGNAL  Property Value  [05,10,13]  lpfg_i2c_scl
GND_SIGNAL  Object  lpfg_i2c_scl:	Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol	GND_SIGNAL  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LBRARY\CAPS GND_SIGNAL  Property Value  [05,10,13]  lpfg_i2c_scl  C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLI OFFPAGELEFT-R
GND_SIGNAL  Object	Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol  Property Name	GND_SIGNAL  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LBRARY\CAPS GND_SIGNAL  Property Value  [05,10,13]  lpfg_i2c_scl  C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLI  OFFPAGELEFT-R  Property Value
Object  Object  Object	Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol  Property Name IREF	GND_SIGNAL  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LBRARY\CAPS GND_SIGNAL  Property Value  [05,10,13]  lpfg_i2c_scl  C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLI  OFFPAGELEFT-R  Property Value  [05,10,13]
GND_SIGNAL  Object  Ipfg_i2c_scl:	Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol  Property Name IREF Name	GND_SIGNAL  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LBRARY\CAPS GND_SIGNAL  Property Value  [05,10,13]  lpfg_i2c_scl  C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLI  OFFPAGELEFT-R  Property Value  [05,10,13]  lpfg_i2c_sda
Object  Object  Object	Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol	GND_SIGNAL  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LBRARY\CAPS GND_SIGNAL  Property Value  [05,10,13]  lpfg_i2c_scl  C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLI  OFFPAGELEFT-R  Property Value  [05,10,13]  lpfg_i2c_sda  E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERA
Object  Object  Object	Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol  Property Name IREF Name	GND_SIGNAL  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LBRARY\CAPS GND_SIGNAL  Property Value  [05,10,13]  lpfg_i2c_scl  C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLI  OFFPAGELEFT-R  Property Value  [05,10,13]  lpfg_i2c_sda
Object  Ipfg_i2c_scl:  Object  Ipfg_i2c_sda:	Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol	GND_SIGNAL  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LBRARY\CAPS GND_SIGNAL  Property Value  [05,10,13]  lpfg_i2c_scl  C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLI  OFFPAGELEFT-R  Property Value  [05,10,13]  lpfg_i2c_sda  E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB  OFFPAGE-BI
Object  Object  Object	Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol	GND_SIGNAL  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LBRARY\CAPS GND_SIGNAL  Property Value  [05,10,13]  lpfg_i2c_scl  C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLI  OFFPAGELEFT-R  Property Value  [05,10,13]  lpfg_i2c_sda  E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB  OFFPAGE-BI  Property Value
Object  Object  Object  Ipfg_i2c_scl:  Object  Object	Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol	GND_SIGNAL  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LBRARY\CAPS GND_SIGNAL  Property Value  [05,10,13]  lpfg_i2c_scl  C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLI OFFPAGELEFT-R  Property Value  [05,10,13]  lpfg_i2c_sda  E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERA CFFPAGE-BI  Property Value  conchk6
Object  Ipfg_i2c_scl:  Object  Ipfg_i2c_sda:	Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol  Property Name IREF Name Source Library Source Symbol	GND_SIGNAL  D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LBRARY\CAPS GND_SIGNAL  Property Value  [05,10,13]  lpfg_i2c_scl  C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLI  OFFPAGELEFT-R  Property Value  [05,10,13]  lpfg_i2c_sda  E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB  OFFPAGE-BI  Property Value

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

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

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

Object	Property Name	Property Value	
	Name	i_conchk7	
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.OLE
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
	Path Name	general	
	Schematic Path	1	
	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 DE\	/LOPING\2023 BHEL\TR
	Design Create Date	Tuesday, December 26, 2023	
	Design Modify Date	Wednesday, December 27, 2023	1
	Design Create Time	11:02:16	
	Design Modify Time	17:51:00	1
	Schematic Name	SCHEMATIC1	7
	Schematic Create Date	Tuesday, December 26, 2023	1
	Schematic Modify Date	Wednesday, December 27, 2023	
general : general	Schematic Create Time	11:02:18	7
	Schematic Modify Time	17:51:02	
	Schematic Page Count	0	
	Schematic Page Number	0	7
	Page Size	A4	
	Page Create Date	Wednesday, December 27, 2023	1
	Page Modify Date	Wednesday, December 27, 2023	7
	Page Create Time	11:21:05	
	Page Modify Time	17:51:00	
	Source Library	C:\VISH RANA\LIB\ORCAD\TEMP1.OLB	7
	Source Symbol	general	1
	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
	Name	INS16795992
	ID	1424
	Reference	R75
	Designator	
	Part Reference	R75
INS16795992 : R75	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : R75/1	Swap Id	4
	Туре	Passive
	Net Name	dsp_intn
	Order	0
	Is No Connect	False

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C39/1	Swap Id	4
	Туре	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

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

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

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

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

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

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C31/1	Swap Id	4
	Туре	Passive
	Net Name	GND
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value	]
	Name	INS16796003	]
	ID	1430	
	Reference	RN1	
	Designator		
	Part Reference	RN1	
	Value	EXB-Q16P681J	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
INS16796003 : RN1	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-Q16P68	1J/?ref=eda
	Price	None	]
	MP	EXB-Q16P681J	]
	Availability	In Stock	]
	OriginalSymbolOrigin	(-30000,40000)	]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	16
	Number	16
16 : RN1/16	Swap Id	4
	Туре	Passive
	Net Name	a1
	Order	15
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	1
	Number	1
1:R74/1	Swap Id	4
	Туре	Passive
	Net Name	lpfg_i2c_scl
	Order	0
	Is No Connect	False

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	INS16802689
	ID	1779
	Reference	U11
	Designator	
	Part Reference	U11
	Value	74HC14D,653
	Primitive	DEFAULT
	Implementation Type	<none></none>
INS16802689 : U11	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
	Package	SOIC-14 Nexperia
	MP	74HC14D,653
	Digi_Key_Purchase_URL	https://www.digikey.ca/product-detail/en/nexperia-usa-

Trigger - SOIC-14

nc/74HC14D,653/1727

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

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

Object	Property Name	Property Value
	Name	2A
	Number	3
2A : U11/2A	Swap Id	4
	Туре	Input
	Net Name	s_conchk7
	Order	2
	Is No Connect	False

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

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value	
	Name	INS16802805	
	ID	1797	
	Reference	R69	
	Designator		
	Part Reference	R69	
INS16802805 : R69	Value	0R-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></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 : R69/1	Туре	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value	
	Name	INS16796025	
	ID	1490	
	Reference	RN2	
	Designator		
	Part Reference	RN2	
	Value	EXB-Q16P681J	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
INS16796025 : RN2	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-Q16P681	J/?ref=eda
	Price	None	
	MP	EXB-Q16P681J	
	Availability	In Stock	
	OriginalSymbolOrigin	(-30000,40000)	

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

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

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

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

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

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

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

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

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

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

Object	Property Name	Property Value
	Name	11
	Number	11
11 : RN2/11	Swap Id	4
	Туре	Passive
	Net Name	f2
	Order	10
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	13
	Number	13
13 : RN2/13	Swap Id	-1
	Туре	Passive
	Net Name	d2
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
	Name	14
	Number	14
14 : RN2/14	Swap Id	-1
	Туре	Passive
	Net Name	c2
	Order	13
	Is No Connect	False

Object	Property Name	Property Value
	Name	15
	Number	15
15 : RN2/15	Swap Id	-1
	Туре	Passive
	Net Name	b2
	Order	14
	Is No Connect	False

Object	Property Name	Property Value
	Name	16
	Number	16
16 : RN2/16	Swap Id	-1
	Туре	Passive
	Net Name	a2
	Order	15
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16802709	
	ID	1776	
	Reference	R65	
	Designator		
	Part Reference	R65	
INS16802709 : R65	Value	10R-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	PCB Footprint	SM_R_0603	
	Room	ETH_PHY	

Object	Property Name	Property Value
	Name	1
	Number	2
1 : R65/1	Swap Id	-1
	Туре	Passive
	Net Name	i_conchk6
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
2 : R65/2	Swap Id	-1
	Туре	Passive
	Net Name	conchk6
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
_	Name	INS16795828
	ID	1394
	Reference	CON1
	Designator	
INS16795828 : CON1	Part Reference	CON1
	Value	7 SEG CONNECTOR
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	17x1_th_header_m

Object	Property Name	Property Value
	Name	A1
	Number	16
	Swap Id	-1
A1 : CON1/A1	Туре	Passive
	Net Name	N16795886
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	B1
	Number	17
	Swap Id	-1
B1 : CON1/B1	Туре	Passive
	Net Name	N16795958
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	C1
	Number	11
C1 : CON1/C1	Swap Id	-1
	Туре	Passive
	Net Name	N16795985
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	D1
	Number	10
	Swap Id	-1
D1 : CON1/D1	Туре	Passive
	Net Name	N16796073
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	E1
	Number	9
	Swap Id	-1
E1 : CON1/E1	Туре	Passive
	Net Name	N16796133
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	F1
	Number	13
	Swap Id	-1
F1 : CON1/F1	Туре	Passive
	Net Name	N16796151
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	G1
	Number	14
G1 : CON1/G1	Swap Id	-1
	Туре	Passive
	Net Name	N16796168
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	DP1
	Number	12
	Swap Id	4
DP1 : CON1/DP1	Туре	Passive
	Net Name	N16796197
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
_	Name	DIG1
	Number	15
DIG1 : CON1/DIG1	Swap Id	-1
	Туре	Passive
	Net Name	VCC_3_3
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
	Name	DP2
	Number	1
DP2 : CON1/DP2	Swap Id	-1
	Туре	Passive
	Net Name	N16796205
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
	Name	G2
	Number	8
	Swap Id	-1
G2 : CON1/G2	Туре	Passive
	Net Name	N16796172
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
	Name	F2
	Number	7
F2 : CON1/F2	Swap Id	-1
	Туре	Passive
	Net Name	N16796155
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
	Name	E2
	Number	4
	Swap Id	-1
E2 : CON1/E2	Туре	Passive
	Net Name	N16796135
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
D2 : CON1/D2	Name	D2
	Number	3
	Swap Id	4
	Туре	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
	Туре	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
	Туре	Passive
	Net Name	N16795962
	Order	15
	Is No Connect	False

Object	Property Name	Property Value
	Name	A2
	Number	6
	Swap Id	-1
A2 : CON1/A2	Туре	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></none>
	Implementation	
	Implementation Path	
	PCB Footprint	tssop_24

Object	Property Name	Property Value
	Name	INT_N
	Number	1
INT_N: U13/INT_N	Swap Id	-1
	Туре	Passive
	Net Name	N16796051
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	A1
	Number	2
A1 : U13/A1	Swap Id	4
	Туре	Passive
	Net Name	N16796210
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	RESET_N
	Number	3
RESET_N: U13/RESET_N	Swap Id	-1
	Туре	Passive
	Net Name	dsp_rst_io
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	P00
	Number	4
P00 : U13/P00	Swap Id	-1
	Туре	Passive
	Net Name	a1
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	P01
	Number	5
P01 : U13/P01	Swap Id	-1
	Туре	Passive
	Net Name	b1
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
_	Name	P02
	Number	6
P02 : U13/P02	Swap Id	-1
	Туре	Passive
	Net Name	c1
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	P03
	Number	7
P03 : U13/P03	Swap Id	4
	Туре	Passive
	Net Name	d1
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	P04
	Number	8
P04 : U13/P04	Swap Id	-1
	Туре	Passive
	Net Name	e1
	Order	7
	Is No Connect	True

Object	Property Name	Property Value
	Name	P05
	Number	9
P05 : U13/P05	Swap Id	-1
	Туре	Passive
	Net Name	f1
	Order	8
	Is No Connect	True

Object	Property Name	Property Value
	Name	P06
	Number	10
P06 : U13/P06	Swap Id	-1
	Туре	Passive
	Net Name	g1
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
	Name	P07
	Number	11
P07 : U13/P07	Swap Id	-1
	Туре	Passive
	Net Name	dp1
	Order	10
	Is No Connect	True

Object	Property Name	Property Value
	Name	GND
	Number	12
GND: U13/GND	Swap Id	-1
	Туре	Passive
	Net Name	GND_SIGNAL
	Order	11
	Is No Connect	False

Object	Property Name	Property Value	
	Name	P10	
	Number	13	
P10 : U13/P10	Swap Id	-1	
	Туре	Passive	
	Net Name	a2	
	Order	12	
	Is No Connect	True	

Object	Property Name	Property Value
	Name	P11
	Number	14
	Swap Id	-1
P11 : U13/P11	Туре	Passive
	Net Name	b2
	Order	13
	Is No Connect	True

Object	Property Name	Property Value
	Name	P12
	Number	15
P12 : U13/P12	Swap Id	-1
	Туре	Passive
	Net Name	c2
	Order	14
	Is No Connect	True

Object	Property Name	Property Value
	Name	P13
	Number	16
	Swap Id	-1
P13 : U13/P13	Туре	Passive
	Net Name	d2
	Order	15
	Is No Connect	True

Object	Property Name	Property Value
	Name	P14
	Number	17
	Swap Id	-1
P14 : U13/P14	Туре	Passive
	Net Name	e2
	Order	16
	Is No Connect	True

Object	Property Name	Property Value
	Name	P15
	Number	18
P15 : U13/P15	Swap Id	-1
	Туре	Passive
	Net Name	f2
	Order	17
	Is No Connect	True

Object	Property Name	Property Value
	Name	P16
	Number	19
	Swap Id	4
P16 : U13/P16	Туре	Passive
	Net Name	g2
	Order	18
	Is No Connect	True

Object	Property Name	Property Value
	Name	P17
	Number	20
	Swap Id	-1
P17 : U13/P17	Туре	Passive
	Net Name	dp2
	Order	19
	Is No Connect	True

Object	Property Name	Property Value
	Name	A0
	Number	21
A0 : U13/A0	Swap Id	-1
	Туре	Passive
	Net Name	N16796187
	Order	20
	Is No Connect	False

Object	Property Name	Property Value
	Name	SCL
	Number	22
	Swap Id	-1
SCL: U13/SCL	Туре	Passive
	Net Name	lpfg_i2c_scl
	Order	21
	Is No Connect	False

Object	Property Name	Property Value
	Name	SDA
	Number	23
	Swap Id	-1
SDA: U13/SDA	Туре	Passive
	Net Name	lpfg_i2c_sda
	Order	22
	Is No Connect	False

Object	Property Name	Property Value
	Name	VCC
	Number	24
VCC : U13/VCC	Swap Id	4
	Туре	Passive
	Net Name	VCC_3_3
	Order	23
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16802819
	ID	1770
	Reference	R70
	Designator	
	Part Reference	R70
INS16802819 : R70	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none></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 : R70/1	Туре	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
	Swap Id	-1
2 : R70/2	Туре	Passive
	Net Name	N16802834
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16795869
	ID	1421
	Reference	C40
	Designator	
	Part Reference	C40
INS16795869 : C40	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : C40/1	Туре	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2:C40/2	Туре	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16796275
	ID	1427
	Reference	R78
	Designator	
	Part Reference	R78
INS16796275 : R78	Value	1K-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value	
	Name	1	
1 : R78/1	Number	1	
	Swap Id	-1	
	Туре	Passive	
	Net Name	GND_SIGNAL	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2:R78/2	Туре	Passive
	Net Name	N16796210
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16800723
	ID	1644
	Reference	LED1
	Designator	
	Part Reference	LED1
INS16800723 : LED1	Value	5530113200F
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	led_553

Object	Property Name	Property Value
	Name	C1
	Number	1
	Swap Id	-1
C1 : LED1/C1	Туре	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	A1
	Number	2
	Swap Id	-1
A1 : LED1/A1	Туре	Passive
	Net Name	
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	C2
	Number	3
C2 : LED1/C2	Swap Id	4
	Туре	Passive
	Net Name	GND_SIGNAL
	Order	2
	Is No Connect	True

Object	Property Name	Property Value
	Name	A2
	Number	4
A2 : LED1/A2	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
	Name	INS16802745
	ID	1803
	Reference	R66
	Designator	
	Part Reference	R66
INS16802745 : R66	Value	10R-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
	Name	1
	Number	2
1:R66/1	Swap Id	4
	Туре	Passive
	Net Name	i_conchk7
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
2:R66/2	Swap Id	-1
	Туре	Passive
	Net Name	conchk7
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16796283	
	ID	1475	
	Reference	R79	
	Designator		
INS16796283 : R79	Part Reference	R79	
	Value	1K-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	PCB Footprint	SM_R_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
1:R79/1	Swap Id	-1
	Туре	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R79/2	Swap Id	-1
	Туре	Passive
	Net Name	N16796187
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16796294
	ID	1481
	Reference	C41
	Designator	
	Part Reference	C41
INS16796294 : C41	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C41/1	Swap Id	-1
	Туре	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : C41/2	Swap Id	-1
	Туре	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	l16799525
	Left	10
Rectangle	Тор	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	Dranauty Nama	Dramarty Value
Object N16787965 : N16787965 (Wire ID = 16787966 )	Property Name	Property Value
.,	Name	N16787965
Object	Property Name	Property Value
N16787970 : N16787970 (Wire ID = 16787970 )	Name	N16787970
Obline	I Burnanta P	I Brown and a V. J.
Object N16787970 : N16787970 (Wire ID = 16787971 )	Property Name	Property Value
	Name	N16787970
Object	Property Name	Property Value
N16787975 : N16787975 (Wire ID = 16787975 )	Name	N16787975
	15	1
Object N16787975 : N16787975 (Wire ID = 16787978 )	Property Name	Property Value
	Name	N16787975
Object	Property Name	Property Value
N16787975 : N16787975 (Wire ID = 16787979 )	Name	N16787975
		F
Object N16787975 : N16787975 (Wire ID = 16787985 )	Property Name	Property Value
(Wile ID = 10/0/965)	Name	N16787975
Object	Property Name	Property Value
N16787975 : N16787975 (Wire ID = 16787993 )	Name	N16787975
,	•	·
Object N16788002 : N16788002 (Wire ID = 16788002 )	Property Name	Property Value
1410700002 . 1410700002 (WHE ID = 10700002)	Name	N16788002
Object	Property Name	Property Value
N16788002 : N16788002 (Wire ID = 16788005 )	Name	N16788002
		<u> </u>
		T-
Object N16788002 : N16788002 (Wire ID = 16788009 )	Property Name	Property Value
11.57.00002 . 14107.00002 (WITE ID = 107.00009)	Name	N16788002
Object	Property Name	Property Value
N16788002 : N16788002 (Wire ID = 16788014 )	Name	N16788002
	•	•
	12	F_
Object N16788002 : N16788002 (Wire ID = 16788015 )	Property Name	Property Value
	Name	N16788002
Object	Property Name	Property Value
N16788002 : N16788002 (Wire ID = 16788023 )	Name	N16788002
	-	
	1-	
Object	Property Name	Property Value
0:0 (Wire ID = 16788032)	NODENAME	GND_ISO
	Name	0

Property Value  GND_ISO  O  Ame  Property Value  I_RPM1P1
Property Value  GND_ISO  O  Property Value  I_RPM1P1
GND_ISO   0   0
GND_ISO   0   0
GND_ISO   0   0
Property Value  GND_ISO  0  Property Value  I_RPM1P1
Property Value  GND_ISO  O  Property Value  GND_ISO  O  Property Value  GND_ISO  O  Property Value  I_RPM1P1  Ame  Property Value
Property Value  GND_ISO  O  Property Value  GND_ISO  O  Property Value  GND_ISO  O  Property Value  I_RPM1P1  Ame  Property Value
Property Value  GND_ISO  O  Property Value  GND_ISO  O  Property Value  GND_ISO  O  Property Value  I_RPM1P1  Ame  Property Value
Property Value  GND_ISO 0  Property Value  GND_ISO 0  Property Value  GND_ISO 0  Property Value  I_RPM1P1  Ame Property Value
Property Value  GND_ISO  O  Property Value  GND_ISO  O  Property Value  I_RPM1P1  Ame  Property Value
Property Value  GND_ISO  O  Property Value  GND_ISO  O  Property Value  I_RPM1P1  Ame  Property Value
Property Value  GND_ISO  O  Property Value  GND_ISO  O  Property Value  I_RPM1P1  Ame  Property Value
Property Value  GND_ISO 0  Property Value  I_RPM1P1  Ame Property Value
GND_ISO  0  Property Value  I_RPM1P1  ame Property Value
GND_ISO  0  Property Value  I_RPM1P1  ame Property Value
GND_ISO  0  Property Value  I_RPM1P1  ame Property Value
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I_RPM1P1  ame Property Value
I_RPM1P1  ame Property Value
I_RPM1P1  ame Property Value
ame Property Value
I_IXI WITE I
Down anti- Malica
Property Value  I_RPM1P2
I_RFWIF2
12
ame Property Value
I_RPM1P2
ame Property Value
I_RPM1P1
ame Property Value
I_RPM1P2
ame Property Value
VCC_5
VCC_5
vcc_5  ame Property Value
vcc_5  ame Property Value
-

Object	Proporty Name	Proporty Volum
Object VCC_5 : VCC_5 (Wire ID = 16788132 )	Property Name	Property Value  VCC_5
· · · · · · · · · · · · · · · · · · ·	IVALITO	V00_3
Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16788134 )	Name	VCC_5
Ohioat	Duamanto Nacco	Duamanto Valor
Object VCC_5 : VCC_5 (Wire ID = 16788167)	Property Name	Property Value
100_01100_0(1110101011)	Name	VCC_5
Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16788176 )	Name	VCC_5
	T=	
Object VCC_5 : VCC_5 (Wire ID = 16788185 )	Property Name	Property Value
VOC_5 : VCC_5 (WHE ID = 10700105)	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
	reamo	TA WITZ
Object	Property Name	Property Value
N16788481 : N16788481 (Wire ID = 16788481 )	Name	N16788481
Object	Proporty Nama	Proporty Volus
Object N16787975 : N16787975 (Wire ID = 16788484 )	Property Name Name	Property Value N16787975
	Name	MIOTOTATO
Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16788751 )	Name	VCC_5
Ohioot	Dramarty Name	Drawerty Value
Object VCC_5: VCC_5 (Wire ID = 16789104)	Property Name	Property Value
2. 1.2. ( 1.1. 1.1. 1.1. 1.1. 1.1. 1.1.	Name	VCC_5
Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16789106 )	Name	VCC_5
	T	12
Object VCC_5 : VCC_5 (Wire ID = 16789108)	Property Name	Property Value
VOC_5 . VOC_5 (WITE ID = 10/08/100)	Name	VCC_5
Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16789110 )	Name	VCC_5
	-	<del>-</del>

Ohinet	Bronorty Nome	Proporty Value
Object VCC_5 : VCC_5 (Wire ID = 16789112 )	Property Name Name	Property Value  VCC_5
	IVALITO	
Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16789114 )	Name	VCC_5
Object	Duamanto Navi -	Dramantu Valus
Object VCC_5 : VCC_5 (Wire ID = 16789116 )	Property Name	Property Value
100_01100_0 (1111010110)	Name	VCC_5
Object	Property Name	Property Value
N16789126 : N16789126 (Wire ID = 16789126 )	Name	N16789126
	1=	15
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789144)	Property Name	Property Value
20.0.0.12. 0.10_0.0001E (VIII0.16 = 10/00144)	Name	GND_SIGNAL
Object	Property Name	Property Value
N16789126 : N16789126 (Wire ID = 16789162 )	Name	N16789126
		•
Object VCC_5 : VCC_5 (Wire ID = 16789164 )	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
	, rame	- Carrier -
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
	Hamo	TO THE T
Object	Property Name	Property Value
N16789192 : N16789192 (Wire ID = 16789192 )	Name	N16789192
Object	Property Name	Property Value
N16789192 : N16789192 (Wire ID = 16789194 )	Name	N16789192
	- Canto	1110100102
Object	Property Name	Property Value
N16789192 : N16789192 (Wire ID = 16789196 )	Name	N16789192
Object	Bronorty Nome	Proporty Volus
Object N16789198: N16789198 (Wire ID = 16789198)	Property Name	Property Value
( 1 11 55)	Name	N16789198
Object	Property Name	Property Value
i_RPM2P1 : I_RPM2P1 (Wire ID = 16789200 )	Name	I_RPM2P1

Ohiost	Duamante Nama	Drawarty Value
Object i_RPM2P1 : I_RPM2P1 (Wire ID = 16789202 )	Property Name	Property Value
	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
	Name	WOODE
Object	Property Name	Property Value
N16789226 : N16789226 (Wire ID = 16789230 )	Name	N16789226
Object	Dronorty Nama	Property Value
Object N16789232 : N16789232 (Wire ID = 16789232 )	Property Name Name	Property Value N16789232
` '	INATHE	N10109292
Object	Property Name	Property Value
i_RPM2P2 : I_RPM2P2 (Wire ID = 16789234 )	Name	I_RPM2P2
		15
Object i_RPM2P2 : I_RPM2P2 (Wire ID = 16789236 )	Property Name	Property Value
	Name	I_RPM2P2
Object	Property Name	Property Value
N16789238 : N16789238 (Wire ID = 16789238 )	Name	N16789238
	-	
	r=	T=
Object N16789238: N16789238 (Wire ID = 16789240)	Property Name	Property Value
()	Name	N16789238
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16789242 )	Name	GND_SIGNAL
	-	
	<u> </u>	15
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789244)	Property Name	Property Value
5.15_516141E . 5115_516147E (WIFE ID = 10709244)	Name	GND_SIGNAL
Object	Property Name	Property Value
N16789192 : N16789192 (Wire ID = 16789246 )	Name	N16789192
Object N16789192 : N16789192 (Wire ID = 16789248 )	Property Name	Property Value
M10/09192 . M10/09192 (WIIE ID = 10/09248)	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	Branarty Nama	Bronorty Volus
Object N16789226 : N16789226 (Wire ID = 16789254 )	Property Name	Property Value
, , , , , , , , , , , , , , , , , , ,	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
0.0 (Wile ID = 16769300 )	Name	0
	-	•
	1	15
Object	Property Name	Property Value
0 : 0 (Wire ID = 16789302 )	NODENAME Name	GND_ISO 0
	ivallic	<u> </u>
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
0:0 (wile ID = 16789310)	Name	0
Obligat	I Book and a Name	Down auto Walter
Object	Property Name  NODENAME	Property Value GND_ISO
0:0 (Wire ID = 16789312)	Name	0
		1.5
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
0.0 (WHE ID = 10/3/3003)	Name	0
Ohioat	Duamanti: Nama	I Duamanto Valina
Object	Property Name	Property Value
0 : 0 (Wire ID = 16791905 )	NODENAME Name	GND_ISO 0
	radiio	<u> </u>
Object	Property Name	Property Value
	NODENIAME	GND_ISO
0 : 0 (Wire ID = 16791912 )	NODENAME Name	0

Object	Property Name	Property Value
	NODENAME	GND_ISO
0 : 0 (Wire ID = 16791914 )	Name	0
Object	Property Name	Property Value
0 : 0 (Wire ID = 16791927 )	NODENAME	GND_ISO
(Wile ib = 10/3/32/ )	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
0:0 (Wile iD = 10/91950)	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
	Name	VCC_5
VCC_5	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSY
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	VCC_5
VCC_5	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\L
	Source Symbol	VCC_BAR
	Source Symbol	
	Source Symbol	
Object	Property Name	Property Value
	Property Name	VCC_5
Object VCC_5	Property Name	

Object	Property Name	Property Value
	Name	+15V_ISO
+15V_ISO	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	+15V_ISO
+15V_ISO	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\L
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	+15V_ISO
+15V_ISO	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\L
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	VCC_5
VCC_5	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\L
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	VCC_5
VCC_5	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	VCC_5
VCC_5	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\L
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	Name	+15V_ISO
+15V_ISO	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\L
	Source Symbol	VCC_BAR
Object	Property Name	Property Value
	NODENAME	GND_ISO
-	Name	0
0	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE
	•	Property Value
Object	Property Name	
Object	NODENAME	GND_ISO
	NODENAME Name	GND_ISO 0
Object 0	NODENAME Name Source Library	GND_ISO  0  C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY CAPSYM.OLB
	NODENAME Name	GND_ISO 0

Object	Property Name	Property Value
<u> </u>	NODENAME	GND_ISO
	Name	0
0	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE
		<del></del>
Object	Property Name	Property Value
	NODENAME	GND_ISO
	Name	0
0	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	0
	PSpiceOnly	TRUE
Object	Property Name	Property Value
OND GIONAL	Name	GND_SIGNAL
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\L
	Source Symbol	GND_SIGNAL
Object	Property Name	Property Value
OND CIONAL	Name	GND_SIGNAL
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\L
	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\CAPSY
	Source Symbol	GND_SIGNAL
Object	Property Name	Property Value
ONJUGE	Name	GND_SIGNAL
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE\LBRARY\CAPSY
	Source Symbol	GND_SIGNAL
	- Course Cymbol	5110_5131111
Object	Property Name	Property Value
<del>-</del>	Name	RPM1P1
RPM1P1:	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R
Object	Property Name	Property Value
	Name	RPM1P2
RPM1P2:	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.OLB
RPM1P2:		OFFPAGELEFT-R
RPMTP2:	Source Symbol	OTTAGEETTA
RPW1F2:	Source Symbol	OTTACLETTA
	Property Name	Property Value
Object		
Object  RPM2P1:	Property Name	Property Value

	Object	Property Name	Property Value	
		Name	RPM2P2	
RPM2P2:	RPM2P2:	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLB
		Source Symbol	OFFPAGELEFT-R	

Object	Property Name	Property Value	
	Name	i_RPM1P1	
i_RPM1P1 :	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\C	CAPSYM
	Source Symbol	OFFPAGELEFT-R	

Object	Property Name	Property Value	
	Name	i_RPM1P2	
i_RPM1P2:	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CA	APSYM.
	Source Symbol	OFFPAGELEFT-R	

Object	Property Name	Property Value	
	Name	i_RPM2P1	
i_RPM2P1:	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY	CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-R	

Object	Property Name	Property Value	
	Name	i_RPM2P2	
i_RPM2P2 :	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\C	APSYM.OL
	Source Symbol	OFFPAGELEFT-R	

Object	Property Name	Property Value	
	Path Name	general	]
	Schematic Path	1	]
	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 DEVL	OPING\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	
general : general	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
	Name	INS16789127
	ID	1178
	Reference	R50
	Designator	
	Part Reference	R50
INS16789127 : R50	Value	2K2-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
	Name	1
	Number	2
	Swap Id	4
1 : R50/1	Туре	Passive
	Net Name	i_RPM2P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
	Swap Id	-1
2 : R50/2	Туре	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16787718	
	ID	1088	
	Reference	R42	
	Designator		
	Part Reference	R42	
INS16787718 : R42	Value	470R-TH-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></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 : R42/1	Туре	Passive
	Net Name	RPM1P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
2 : R42/2	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	N16787975
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16789135
	ID	1169
	Reference	R51
	Designator	
	Part Reference	R51
INS16789135 : R51	Value	2K2-0603
	Primitive	DEFAULT
	Implementation Type	<none></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 : R51/1	Туре	Passive
	Net Name	i_RPM2P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
	Swap Id	-1
2:R51/2	Туре	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16787926
	ID	1125
	Reference	R46
	Designator	
	Part Reference	R46
INS16787926 : R46	Value	2K2-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
	Name	1
	Number	2
1 : R46/1	Swap Id	-1
	Туре	Passive
	Net Name	i_RPM1P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
	Swap Id	-1
2 : R46/2	Туре	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16792377
	ID	1333
	Reference	TP5
	Designator	
	Part Reference	TP5
INS16792377 : TP5	Value	i_RPM1P1
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : TP5/1	Туре	Passive
	Net Name	i_RPM1P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16787733
	ID	1091
	Reference	R43
	Designator	
	Part Reference	R43
INS16787733 : R43	Value	470R-1206
	Primitive	DEFAULT
	Implementation Type	<none></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 : R43/1	Туре	Passive
	Net Name	N16788002
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
	Swap Id	-1
2 : R43/2	Туре	Passive
	Net Name	N16787962
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16789145
	ID	1184
	Reference	U10
	Designator	
	Part Reference	U10
INS16789145 : U10	Value	VO2630-X009T
	Primitive	DEFAULT
	Implementation Type	<none></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 : U10/A1	Туре	Passive
	Net Name	N16789126
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	C1
	Number	2
	Swap Id	-1
C1 : U10/C1	Туре	Passive
	Net Name	N16789198
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	C2
C2:U10/C2	Number	3
	Swap Id	-1
	Туре	Passive
	Net Name	N16789232
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	A2
	Number	4
	Swap Id	-1
A2: U10/A2	Туре	Passive
	Net Name	N16789238
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	GND
	Number	5
	Swap Id	-1
GND: U10/GND	Туре	Power
	Net Name	GND_SIGNAL
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	VO2
	Number	6
VO2 : U10/VO2	Swap Id	-1
	Туре	Output
	Net Name	i_RPM2P2
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	VO1
	Number	7
VO1 : U10/VO1	Swap Id	-1
	Туре	Output
	Net Name	i_RPM2P1
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	VCC
	Number	8
	Swap Id	-1
VCC : U10/VCC	Туре	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></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
	Name	1
	Number	2
1 : R48/1	Swap Id	-1
	Туре	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	Туре	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></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
	Name	1
	Number	2
1 : R47/1	Swap Id	-1
	Туре	Passive
	Net Name	+15V_ISO
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
2:R47/2	Swap Id	-1
	Туре	Passive
	Net Name	N16787970
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16792391
	ID	1335
	Reference	TP6
	Designator	
	Part Reference	TP6
INS16792391 : TP6	Value	i_RPM1P2
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value	
	Name	1	
	Number	1	
1 : TP6/1	Swap Id	-1	
	Туре	Passive	
	Net Name	i_RPM1P2	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	INS16789259
	ID	1148
	Reference	R56
	Designator	
	Part Reference	R56
INS16789259 : R56	Value	470R-1206
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
	Name	1
	Number	2
1 : R56/1	Swap Id	-1
	Туре	Passive
	Net Name	+15V_ISO
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
2:R56/2	Swap Id	-1
	Туре	Passive
	Net Name	N16789238
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16787746
	ID	1094
	Reference	R44
	Designator	
	Part Reference	R44
INS16787746 : R44	Value	470R-1206
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
	Name	1
	Number	2
1:R44/1	Swap Id	-1
	Туре	Passive
	Net Name	N16787975
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
2:R44/2	Swap Id	-1
	Туре	Passive
	Net Name	N16788481
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16789267
	ID	1151
	Reference	D23
	Designator	
	Part Reference	D23
INS16789267 : D23	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	do_214ab
	Room	Temp_CH3

Object	Property Name	Property Value
	Name	ANODE
	Number	1
ANODE : D23/ANODE	Swap Id	-1
	Туре	Passive
	Net Name	0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	2
CATHODE : D23/CATHODE	Swap Id	-1
	Туре	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></none>	
	Implementation		
	Implementation Path		
	PCB Footprint		

Object	Property Name	Property Value
	Name	1
	Number	1
1:TP7/1	Swap Id	-1
	Туре	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></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
	Name	1
	Number	2
1 : R52/1	Swap Id	-1
	Туре	Passive
	Net Name	RPM2P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
2 : R52/2	Swap Id	-1
	Туре	Passive
	Net Name	N16789192
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16789275	
	ID	1172	
	Reference	D24	
	Designator		
	Part Reference	D24	
INS16789275 : D24	Value	SMDJ18CA-DO-214AB	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	PCB Footprint	do_214ab	
	Room	Temp_CH3	

Object	Property Name	Property Value
	Name	ANODE
	Number	1
ANODE : D24/ANODE	Swap Id	-1
	Туре	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
	Туре	Passive
	Net Name	N16789226
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16787861
	ID	1110
	Reference	C25
	Designator	
	Part Reference	C25
INS16787861 : C25	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C25/1	Swap Id	-1
	Туре	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value	
	Name	2	
2 : C25/2	Number	2	
	Swap Id	-1	
	Туре	Passive	
	Net Name	VCC_5	
	Order	1	•
	Is No Connect	False	

Object	Property Name	Property Value
	Name	INS16789181
	ID	1145
	Reference	R53
	Designator	
	Part Reference	R53
INS16789181 : R53	Value	470R-1206
	Primitive	DEFAULT
	Implementation Type	<none></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 : R53/1	Туре	Passive
	Net Name	N16789192
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
	Swap Id	-1
2 : R53/2	Туре	Passive
	Net Name	N16789198
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16789283
	ID	1163
	Reference	C29
	Designator	
	Part Reference	C29
INS16789283 : C29	Value	10n-1206
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value	
	Name	1	
1 : C29/1	Number	1	
	Swap Id	-1	
	Туре	Passive	
	Net Name	0	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : C29/2	Туре	Passive
	Net Name	N16789192
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16792419
	ID	1339
	Reference	TP8
	Designator	
	Part Reference	TP8
INS16792419 : TP8	Value	i_RPM2P2
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	4
1 : TP8/1	Туре	Passive
	Net Name	i_RPM2P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16787873
	ID	1113
	Reference	C26
	Designator	
	Part Reference	C26
INS16787873 : C26	Value	10n-1206
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value	
	Name	1	
1 : C26/1	Number	1	
	Swap Id	-1	
	Туре	Passive	
	Net Name	0	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
2: C26/2	Swap Id	-1
	Туре	Passive
	Net Name	N16788002
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16789291
	ID	1175
	Reference	C30
	Designator	
	Part Reference	C30
INS16789291 : C30	Value	10n-1206
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C30/1	Name	1
	Number	1
	Swap Id	-1
	Туре	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
	Туре	Passive
	Net Name	N16789226
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16789095	
	ID	1157	
	Reference	R49	
	Designator		
	Part Reference	R49	
INS16789095 : R49	Value	470R-1206	
	Primitive	DEFAULT	
	Implementation Type	<none></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
	Туре	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
	Туре	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></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C27/1	Swap Id	-1
	Туре	Passive
	Net Name	0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value	
	Name	2	
2 : C27/2	Number	2	
	Swap Id	-1	
	Туре	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></none>
	Implementation	
	Implementation Path	
	PCB Footprint	COUPL_VO2630-X009T
	OriginalSymbolOrigin	(-20000,40000)

Object	Property Name	Property Value
	Name	A1
	Number	1
A1 : U9/A1	Swap Id	-1
	Туре	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
	Туре	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
	Туре	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
	Туре	Passive
	Net Name	N16787970
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	GND
	Number	5
	Swap Id	-1
GND: U9/GND	Туре	Power
	Net Name	GND_SIGNAL
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	VO2
	Number	6
	Swap Id	-1
VO2 : U9/VO2	Туре	Output
	Net Name	i_RPM1P2
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	VO1
	Number	7
	Swap Id	-1
VO1 : U9/VO1	Туре	Output
	Net Name	i_RPM1P1
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	VCC
	Number	8
VCC : U9/VCC	Swap Id	-1
	Туре	Power
	Net Name	VCC_5
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16789207
	ID	1154
	Reference	R54
	Designator	
	Part Reference	R54
INS16789207 : R54	Value	470R-TH-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
	Name	1
	Number	2
1:R54/1	Swap Id	-1
	Туре	Passive
	Net Name	RPM2P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
2:R54/2	Swap Id	-1
	Туре	Passive
	Net Name	N16789226
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16787897
	ID	1119
	Reference	D21
	Designator	
INS16787897 : D21	Part Reference	D21
	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	do_214ab
	Room	Temp_CH3

Object	Property Name	Property Value
	Name	ANODE
	Number	1
ANODE : D21/ANODE	Swap Id	-1
	Туре	Passive
	Net Name	0
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	2
CATHODE : D21/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N16788002
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16787799	
	ID	1101	
	Reference	R45	
	Designator		
INS16787799 : R45	Part Reference	R45	
	Value	470R-1206	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	PCB Footprint	SM_R_0603	
	Room	ETH_PHY	

Object	Property Name	Property Value
	Name	1
	Number	2
1 : R45/1	Swap Id	-1
	Туре	Passive
	Net Name	N16787965
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
2 : R45/2	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	+15V_ISO
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16789215
	ID	1160
	Reference	R55
	Designator	
	Part Reference	R55
INS16789215 : R55	Value	470R-1206
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
	Name	1
	Number	2
1 : R55/1	Swap Id	-1
	Туре	Passive
	Net Name	N16789226
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
2:R55/2	Swap Id	-1
	Туре	Passive
	Net Name	N16789232
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16789117
	ID	1166
	Reference	C28
	Designator	
	Part Reference	C28
INS16789117 : C28	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
1 : C28/1	Name	1
	Number	1
	Swap Id	-1
	Туре	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
	Туре	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16787705
	ID	1085
	Reference	R41
	Designator	
	Part Reference	R41
INS16787705 : R41	Value	470R-TH-0603
	Primitive	DEFAULT
	Implementation Type	<none></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 : R41/1	Туре	Passive
	Net Name	RPM1P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
2 : R41/2	Swap Id	-1
	Туре	Passive
	Net Name	N16788002
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16787909
	ID	1122
	Reference	D22
	Designator	
	Part Reference	D22
INS16787909 : D22	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	do_214ab
	Room	Temp_CH3

Object	Property Name	Property Value
	Name	ANODE
	Number	1
	Swap Id	-1
ANODE : D22/ANODE	Туре	Passive
	Net Name	0
	Order	0
	Is No Connect	False
Object	Property Name	Property Value
	Name	CATHODE
	Number	2
	Swap Id	-1
CATHODE : D22/CATHODE	Туре	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
	r <u>-</u>	r =
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789816)	Property Name	Property Value
GND_GIGNAL : GND_GIGNAL (WITE ID = 10703010)	Name	GND_SIGNAL
Object	Property Name	Property Value
Object	i roperty Haine	I I TOPOLLY VALUE
VCC_5 : VCC_5 (Wire ID = 16789856 )	Namo	VCC 5
VCC_5 : VCC_5 (Wire ID = 16789856 )	Name	VCC_5
VCC_5 : VCC_5 (Wire ID = 16789856 )	Name	VCC_5
VCC_5 : VCC_5 (Wire ID = 16789856 )  Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )	Property Name	Property Value
Object		
Object	Property Name	Property Value
Object GND_SIGNAL: GND_SIGNAL (Wire ID = 16789866)	Property Name Name	Property Value  GND_SIGNAL
Object	Property Name	Property Value
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object	Property Name Name Property Name	Property Value  GND_SIGNAL  Property Value
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object	Property Name Name Property Name Name	Property Value GND_SIGNAL  Property Value +3.3V
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )  Object	Property Name Name Property Name	Property Value  GND_SIGNAL  Property Value
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )	Property Name Name Property Name Name	Property Value GND_SIGNAL  Property Value +3.3V
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )  Object	Property Name Name Property Name Name Property Name	Property Value GND_SIGNAL  Property Value +3.3V  Property Value
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )  Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789912 )	Property Name Name  Property Name Name  Property Name Name	Property Value GND_SIGNAL  Property Value +3.3V  Property Value GND_SIGNAL
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )  Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789912 )  Object	Property Name Name  Property Name Name  Property Name Name  Property Name Name	Property Value GND_SIGNAL  Property Value +3.3V  Property Value GND_SIGNAL  Property Value
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )  Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789912 )	Property Name Name  Property Name Name  Property Name Name	Property Value GND_SIGNAL  Property Value +3.3V  Property Value GND_SIGNAL
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )  Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789912 )  Object	Property Name Name  Property Name Name  Property Name Name  Property Name Name	Property Value GND_SIGNAL  Property Value +3.3V  Property Value GND_SIGNAL  Property Value
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )  Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789912 )  Object +3.3V : +3.3V (Wire ID = 16789950 )	Property Name Name  Property Name Name  Property Name Name  Property Name Name  Name	Property Value GND_SIGNAL  Property Value +3.3V  Property Value GND_SIGNAL  Property Value +3.3V
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )  Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789912 )  Object +3.3V : +3.3V (Wire ID = 16789950 )	Property Name Name Property Name	Property Value GND_SIGNAL  Property Value +3.3V  Property Value GND_SIGNAL  Property Value +3.3V  Property Value +3.3V
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )  Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789912 )  Object +3.3V : +3.3V (Wire ID = 16789950 )	Property Name Name  Property Name Name  Property Name Name  Property Name Name  Name	Property Value GND_SIGNAL  Property Value +3.3V  Property Value GND_SIGNAL  Property Value +3.3V
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )  Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789912 )  Object +3.3V : +3.3V (Wire ID = 16789950 )	Property Name Name Property Name	Property Value GND_SIGNAL  Property Value +3.3V  Property Value GND_SIGNAL  Property Value +3.3V  Property Value +3.3V
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )  Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789912 )  Object +3.3V : +3.3V (Wire ID = 16789950 )  Object VCC_5 : VCC_5 (Wire ID = 16789957 )	Property Name Name  ame	Property Value GND_SIGNAL  Property Value +3.3V  Property Value GND_SIGNAL  Property Value +3.3V  Property Value +3.3V
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )  Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789912 )  Object +3.3V : +3.3V (Wire ID = 16789950 )	Property Name Name   Property Value GND_SIGNAL  Property Value +3.3V  Property Value GND_SIGNAL  Property Value +3.3V  Property Value +3.3V  Property Value  Property Value  Property Value VCC_5	
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )  Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789912 )  Object +3.3V : +3.3V (Wire ID = 16789950 )  Object VCC_5 : VCC_5 (Wire ID = 16789957 )	Property Name Name  ame	Property Value GND_SIGNAL  Property Value +3.3V  Property Value GND_SIGNAL  Property Value +3.3V  Property Value +3.3V
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )  Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789912 )  Object +3.3V : +3.3V (Wire ID = 16789950 )  Object VCC_5 : VCC_5 (Wire ID = 16789957 )	Property Name Name   Property Value GND_SIGNAL  Property Value +3.3V  Property Value GND_SIGNAL  Property Value +3.3V  Property Value +3.3V  Property Value  Property Value  Property Value VCC_5	
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )  Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789912 )  Object +3.3V : +3.3V (Wire ID = 16789950 )  Object VCC_5 : VCC_5 (Wire ID = 16789957)  Object VCC_5 : VCC_5 (Wire ID = 16790988 )	Property Name Name Name	Property Value GND_SIGNAL  Property Value +3.3V  Property Value GND_SIGNAL  Property Value +3.3V  Property Value  VCC_5  Property Value VCC_5
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789866 )  Object +3.3V : +3.3V (Wire ID = 16789902 )  Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16789912 )  Object +3.3V : +3.3V (Wire ID = 16789950 )  Object VCC_5 : VCC_5 (Wire ID = 16789957 )	Property Name Name   Property Value GND_SIGNAL  Property Value +3.3V  Property Value GND_SIGNAL  Property Value +3.3V  Property Value +3.3V  Property Value  Property Value  Property Value VCC_5	

Object	Dranauty Nama	Dramarty Value
Object T_RPM1P2: T_RPM1P2 (Wire ID = 16791014)	Property Name	Property Value
_	Name	T_RPM1P2
Object	Property Name	Property Value
T_RPM2P1 : T_RPM2P1 (Wire ID = 16791017 )	Name	T_RPM2P1
	-	
	<u> </u>	1=
Object T_RPM2P2 : T_RPM2P2 (Wire ID = 16791020 )	Property Name	Property Value
1_10 M21 2 . 1_10 M21 2 (Wile IB = 10701020)	Name	T_RPM2P2
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791023 )	Name	GND_SIGNAL
		•
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16791024 )	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (WITE ID = 10/91024)	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
	Name	OND_ONOTIVE
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791044 )	Name	GND_SIGNAL
Object	Property Name	Proporty Volus
Object GND_SIGNAL: GND_SIGNAL (Wire ID = 16791055)	Name	Property Value  GND_SIGNAL
	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791057 )	Name	GND_SIGNAL
Object	Duam outs Nome	Duamante Value
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16791070)	Property Name	Property Value
(	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791072 )	Name	GND_SIGNAL
	r_	
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16791090 )	Property Name	Property Value
GIVE_SIGNAL : GIVE_SIGNAL (WITE ID = 10791090)	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791092 )	Name	GND_SIGNAL

Ohioot	Duamantu Narra	Dramauty Value
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16791115)	Property Name	Property Value
	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
Ohioat	Duamanti Nama	Drawarts Value
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16791143)	Property Name	Property Value
,	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
Ohiost	Duamantii Nama	Drawanti Value
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16791196)	Property Name Name	Property Value GND_SIGNAL
,	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791198)	Name	GND_SIGNAL
		1
Object GND_SIGNAL: GND_SIGNAL (Wire ID = 16791223)	Property Name	Property Value
GND_GIGINAL : GND_GIGINAL (WITE ID = 10791223)	Name	GND_SIGNAL
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791225 )	Name	GND_SIGNAL
		2.3_0.0.0.2
Object	Property Name	Property Value
N16791252 : N16791252 (Wire ID = 16791252 )	Name	N16791252
Object	D No	I Bus in out of Value
Object N16791255 : N16791255 (Wire ID = 16791255 )	Property Name	Property Value
(Villa 15 = 10101250)	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
Ohioat	Duamanto Nama	Duamanti Value
Object N16791264 : N16791264 (Wire ID = 16791264 )	Property Name	Property Value
(1.12.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	Name	N16791264

Object	Proporty Name	Proporty Value
Object N16791264: N16791264 (Wire ID = 16791267)	Property Name Name	Property Value N16791264
, , , , , , , , , , , , , , , , , , , ,	Ivallie	1410731204
Object	Property Name	Property Value
N16791264 : N16791264 (Wire ID = 16791268 )	Name	N16791264
	T	
<b>Object</b>   Iv_RPM1P1 : LV_RPM1P1 (Wire ID = 16791337 )	Property Name	Property Value
IV_REWIFT . LV_REWIFT (WIIE ID = 10/9155/)	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
	Hamo	EV_IXI WITE 1
Object	Property Name	Property Value
lv_RPM1P2 : LV_RPM1P2 (Wire ID = 16791493 )	Name	LV_RPM1P2
Object	Proporty Name	Proporty Value
Object   V_RPM1P2 : LV_RPM1P2 (Wire ID = 16791495 )	Property Name	Property Value  LV_RPM1P2
, , , , , , , , , , , , , , , , , , , ,	Ivalie	LV_RFIVITZ
Object	Property Name	Property Value
lv_RPM1P2 : LV_RPM1P2 (Wire ID = 16791497 )	Name	LV_RPM1P2
	L	In
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16791507 )	Property Name	Property Value
	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
Iv_RPM2P1 : LV_RPM2P1 (Wire ID = 16791593 )	Name	LV_RPM2P1
		1
Object	Property Name	Property Value
GND_SIGNAL : GND_SIGNAL (Wire ID = 16791603 )	Name	GND_SIGNAL
Ohiost	Dunan auto Nama -	Dramanti Valu
Object   V_RPM2P2 : LV_RPM2P2 (Wire ID = 16791687 )	Property Name	Property Value
	Name	LV_RPM2P2

VCC_5	Source Symbol	VCC_BAR	ARY/CAPSYM.O
VCC_5			ARY WAPSYN O
	Name Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRA	ADV40AD0V44.0
Object	Property Name	Property Value  VCC_5	
Object	Dramanty Name	Dramautic Value	
	•		
	Source Symbol	VCC_BAR	
VCC_5	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRA	ARY\CAPSYM.C
Object	Property Name	VCC_5	
Ohioat	Dranauty Nama	Property Value	
T_RPM2P1 : T_RPM2P1 (Wire ID = 16792201 )	Name	T_RPM2P1	
Object	Property Name	Property Value	
T_RPM2P2 : T_RPM2P2 (Wire ID = 16792165 )	Name	T_RPM2P2	
Object	Property Name	Property Value	
1_10 W1172.1_10 W1172 (WIIE ID = 10/92140)	Name	T_RPM1P2	
Object T_RPM1P2 : T_RPM1P2 (Wire ID = 16792148 )	Property Name	Property Value	
	1	1=	
	•		
T_RPM1P1 : T_RPM1P1 (Wire ID = 16792141 )	Name	T_RPM1P1	
Object	Property Name	Property Value	
i_RPM2P2 : I_RPM2P2 (Wire ID = 16792098 )	Name	I_RPM2P2	
Object	Property Name	Property Value	
	Name	I_RPM2P1	
Object i_RPM2P1 : I_RPM2P1 (Wire ID = 16792095 )	Property Name	Property Value	
Ohioat	Dramanti Navi	Dramanti Value	
i_RPM1P2 : I_RPM1P2 (Wire ID = 16792092 )	Name	I_RPM1P2	
Object	Property Name	Property Value	
i_RPM1P1 : I_RPM1P1 (Wire ID = 16792089 )	Name	I_RPM1P1	
Object	Property Name	Property Value	
·	Hallo	OND_GIGINAL	
Object GND_SIGNAL : GND_SIGNAL (Wire ID = 16791701	Property Name	Property Value  GND_SIGNAL	
Ohioat	Dramanti Navi	Dramanti Value	
lv_RPM2P2 : LV_RPM2P2 (Wire ID = 16791691 )	Name	LV_RPM2P2	
Object	Property Name	Property Value	
V_RFMIZEZ . LV_RFMIZEZ (WITE ID = 10791009)	Name	LV_RPM2P2	
lv_RPM2P2 : LV_RPM2P2 (Wire ID = 16791689 )	Property Name	Property Value	

Object	Property Name	Property Value	
CC_5	Name	VCC_5	
CO_5	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE	LIBRARY\CAPSYM.0
	Source Symbol	VCC_BAR	_
Object	Property Name	Property Value	٦
00,000	Name	+3.3V	-
+3.3V	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE	LIBRARY/CAPSYM (
	Source Symbol	VCC BAR	EDITORICI COM COMMIS
			<b>-</b>
Object	Property Name	Property Value	]
	Name	GND_SIGNAL	
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE	LIBRARY\CAPSYM.
	Source Symbol	GND_SIGNAL	
Object	Property Name	Property Value	
	Name	GND_SIGNAL	
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE	LIBRARY\CAPSYM.
	Source Symbol	GND_SIGNAL	
Object	Property Name	Property Value	
	Name	GND_SIGNAL	
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE	LIBRARY\CAPSYM
	Source Symbol	GND_SIGNAL	_
			_
Object	Property Name	Property Value	4
GND_SIGNAL	Name	GND_SIGNAL	
	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE	\u BRARY\CAPSYM
	Source Symbol	GND_SIGNAL	_
Object	Property Name	Property Value	٦
<u>Object</u>	Name	GND_SIGNAL	-
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE	UBRARY/CAPSYM
	Source Symbol	GND_SIGNAL	
			<b>-</b>
Object	Property Name	Property Value	]
OND CIONAL	Name	GND_SIGNAL	_
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE	LIBRARY\CAPSYM
	Source Symbol	GND_SIGNAL	
Object	Property Name	Property Value	
OND CIONAL	Name	GND_SIGNAL	_
GND_SIGNAL	Source Library	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE	LIBRARY\CAPSYM.
	Source Symbol	GND_SIGNAL	_
		In and	7
Object	Property Name	Property Value	-
	Name	GND_SIGNAL	
GND_SIGNAL	Course I thrown		
GND_SIGNAL	Source Library Source Symbol	D:\TOOLS\CADENCE\SPB_16.6\TOOLS\CAPTURE  GND_SIGNAL	\LIBRARY\CAPSYM.

Object	Property Name	Property Value
-	Name	i_RPM1P1
i_RPM1P1 :	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
		·
Object	Property Name	Property Value
	Name	i_RPM1P2
i_RPM1P2 :	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	i_RPM2P1
i_RPM2P1 :	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	i_RPM2P2
i_RPM2P2 :	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM.
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
	Name	lv_RPM1P1
lv_RPM1P1 :	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
	Source Symbol	OFFPAGELEFT-R
Object	Property Name	Property Value
	Name	lv_RPM1P2
lv_RPM1P2 :	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
	Source Symbol	OFFPAGELEFT-R
Object	Property Name	Property Value
	Name	lv_RPM2P1
lv_RPM2P1 :	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.O
	Source Symbol	OFFPAGELEFT-R
Object	Property Name	Property Value
	Name	lv_RPM2P2
lv_RPM2P2 :	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.O

**Property Name** 

Source Library

Source Symbol

Name

Object

GND\_SIGNAL

Property Value

D:\TOOLS\CADENCE\SPB\_16.6\TOOLS\CAPTURE\LBRARY\CAPSYM.OLE

GND\_SIGNAL

GND\_SIGNAL

Object	Property Name	Property Value	
	Path Name	general	]
	Schematic Path	1	7
	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 DE\	LOPING\2023 BHEL\TR.
	Design Create Date	Tuesday, December 26, 2023	7
	Design Modify Date	Wednesday, December 27, 2023	7
	Design Create Time	11:02:16	7
	Design Modify Time	17:51:00	7
	Schematic Name	SCHEMATIC1	7
	Schematic Create Date	Tuesday, December 26, 2023	7
	Schematic Modify Date	Wednesday, December 27, 2023	7
general : general	Schematic Create Time	11:02:18	7
	Schematic Modify Time	17:51:02	7
	Schematic Page Count	0	7
	Schematic Page Number	0	7
	Page Size	A4	7
	Page Create Date	Tuesday, December 26, 2023	7
	Page Modify Date	Wednesday, December 27, 2023	7
	Page Create Time	18:27:49	7
	Page Modify Time	17:49:58	7
	Source Library	C:\VISH RANA\LIB\ORCAD\TEMP1.OLB	7
	Source Symbol	general	7
	Page Name	s_09_level_translator	7
	RevCode	1A	7
	Verified Date	27-SEP-23	7
	Designed Date	27-SEP-23	
	Drawn Date	27-SEP-23	
	Verified By	CKR,HS	
	Drawn By	KSB	] '
	Designed By	KSB	1

Object	Property Name	Property Value	
	Name	INS16789857	
	ID	1241	
	Reference	C33	
	Designator		
INS16789857 : C33	Part Reference	C33	
	Value	1u-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	PCB Footprint	SM_C_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C33/1	Swap Id	4
	Туре	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : C33/2	Swap Id	-1
	Туре	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16791678	
	ID	1294	
	Reference	R64	
	Designator		
	Part Reference	R64	
INS16791678 : R64	Value	22R-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></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 : R64/1	Туре	Passive
	Net Name	T_RPM2P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
2 : R64/2	Number	1
	Swap Id	-1
	Туре	Passive
	Net Name	lv_RPM2P2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16789739
	ID	1211
	Reference	U12
	Designator	
	Part Reference	U12
INS16789739 : U12	Value	SN74LVC8T245MPWREP
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SOP65P640X120-24N
	OriginalSymbolOrigin	(-50000,90000)

Object	Property Name	Property Value
	Name	VCCA
	Number	1
	Swap Id	-1
VCCA : U12/VCCA	Туре	Power
	Net Name	+3.3V
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	DIR
	Number	2
DIR: U12/DIR	Swap Id	-1
	Туре	Input
	Net Name	N16791264
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	A1
	Number	3
A1 : U12/A1	Swap Id	-1
	Туре	Bidirectional
	Net Name	T_RPM1P1
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	A2
A2 : U12/A2	Number	4
	Swap Id	-1
	Туре	Bidirectional
	Net Name	T_RPM1P2
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	A3
	Number	5
A3 : U12/A3	Swap Id	4
	Туре	Bidirectional
	Net Name	T_RPM2P1
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	A4
	Number	6
A4 : U12/A4	Swap Id	4
	Туре	Bidirectional
	Net Name	T_RPM2P2
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	A5
	Number	7
A5 : U12/A5	Swap Id	-1
	Туре	Bidirectional
	Net Name	GND_SIGNAL
	Order	6
	Is No Connect	False

Object	Property Name	Property Value	
	Name	A6	
	Number	8	
A6: U12/A6	Swap Id	-1	
	Туре	Bidirectional	
	Net Name	GND_SIGNAL	
	Order	7	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	A7
	Number	9
A7 : U12/A7	Swap Id	-1
	Туре	Bidirectional
	Net Name	GND_SIGNAL
	Order	8
	Is No Connect	False

Object	Property Name	Property Value
	Name	A8
	Number	10
A8: U12/A8	Swap Id	-1
	Туре	Bidirectional
	Net Name	GND_SIGNAL
	Order	9
	Is No Connect	False

Object	Property Name	Property Value
	Name	GND
	Number	11
GND: U12/GND	Swap Id	-1
	Туре	Power
	Net Name	GND_SIGNAL
	Order	10
	Is No Connect	False

Object	Property Name	Property Value
	Name	GND
	Number	12
GND : U12/GND	Swap Id	-1
	Туре	Power
	Net Name	GND_SIGNAL
	Order	11
	Is No Connect	False

Object	Property Name	Property Value
	Name	GND
	Number	13
GND : U12/GND	Swap Id	-1
	Туре	Power
	Net Name	GND_SIGNAL
	Order	12
	Is No Connect	False

Object	Property Name	Property Value
	Name	B8
	Number	14
	Swap Id	-1
B8 : U12/B8	Туре	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
	Туре	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
	Туре	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
	Туре	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
	Туре	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
	Туре	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
	Туре	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
	Туре	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
	Туре	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
	Туре	Power
	Net Name	VCC_5
	Order	22
	Is No Connect	False

Object	Property Name	Property Value
	Name	VCCB
VCCB: U12/VCCB	Number	24
	Swap Id	-1
	Туре	Power
	Net Name	VCC_5
	Order	23
	Is No Connect	False

Object	Property Name	Property Value	
_	Name	INS16791580	
	ID	1284	
	Reference	R63	
	Designator		
	Part Reference	R63	
INS16791580 : R63	Value	22R-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	PCB Footprint	SM_R_0603	
	Room	ETH_PHY	

Object	Property Name	Property Value
	Name	1
	Number	2
1 : R63/1	Swap Id	-1
	Туре	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
	Туре	Passive
	Net Name	lv_RPM2P1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16791484
	ID	1277
	Reference	R62
	Designator	
	Part Reference	R62
INS16791484 : R62	Value	22R-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
	Name	1
	Number	2
1:R62/1	Swap Id	-1
	Туре	Passive
	Net Name	T_RPM1P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
2 : R62/2	Swap Id	-1
	Туре	Passive
	Net Name	lv_RPM1P2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16791692
	ID	1291
	Reference	C38
	Designator	
INS16791692 : C38	Part Reference	C38
	Value	10n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C38/1	Swap Id	-1
	Туре	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2: C38/2	Swap Id	-1
	Туре	Passive
	Net Name	lv_RPM2P2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16791594
	ID	1287
	Reference	C37
	Designator	
	Part Reference	C37
INS16791594 : C37	Value	10n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value	
1 : C37/1	Name	1	
	Number	1	
	Swap Id	-1	
	Туре	Passive	
	Net Name	GND_SIGNAL	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
2:C37/2	Swap Id	-1
	Туре	Passive
	Net Name	lv_RPM2P1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16789980
	ID	1248
	Reference	R57
	Designator	
	Part Reference	R57
INS16789980 : R57	Value	100R-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
	Name	1
	Number	2
1 : R57/1	Swap Id	-1
	Туре	Passive
	Net Name	i_RPM1P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
2 : R57/2	Swap Id	4
	Туре	Passive
	Net Name	N16791252
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16791498	
	ID	1280	
	Reference	C36	
	Designator		
INS16791498 : C36	Part Reference	C36	
	Value	10n-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	PCB Footprint	SM_C_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
1: C36/1	Swap Id	-1
	Туре	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : C36/2	Swap Id	-1
	Туре	Passive
	Net Name	lv_RPM1P2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16791400
	ID	1274
	Reference	R61
	Designator	
	Part Reference	R61
INS16791400 : R61	Value	22R-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
	Name	1
	Number	2
1 : R61/1	Swap Id	-1
	Туре	Passive
	Net Name	T_RPM1P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
2:R61/2	Swap Id	-1
	Туре	Passive
	Net Name	lv_RPM1P1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16789993
	ID	1251
	Reference	R58
	Designator	
	Part Reference	R58
INS16789993 : R58	Value	100R-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_R_0603
	Room	ETH_PHY

Object	Property Name	Property Value
	Name	1
	Number	2
1 : R58/1	Swap Id	-1
	Туре	Passive
	Net Name	i_RPM1P2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
2:R58/2	Swap Id	-1
	Туре	Passive
	Net Name	N16791255
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16789903
	ID	1244
	Reference	C34
	Designator	
	Part Reference	C34
INS16789903 : C34	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value	
1 : C34/1	Name	1	
	Number	1	
	Swap Id	-1	
	Туре	Passive	
	Net Name	GND_SIGNAL	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2: C34/2	Туре	Passive
	Net Name	+3.3V
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16790006
	ID	1254
	Reference	R59
	Designator	
	Part Reference	R59
INS16790006 : R59	Value	100R-0603
	Primitive	DEFAULT
	Implementation Type	<none></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 : R59/1	Туре	Passive
	Net Name	i_RPM2P1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	1
	Swap Id	-1
2 : R59/2	Туре	Passive
	Net Name	N16791258
	Order	1
		Is No Connect

Object	Property Name	Property Value	
	Name	INS16789807	
	ID	1238	
	Reference	C32	
	Designator		
INS16789807 : C32	Part Reference	C32	
	Value	100n-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	PCB Footprint	SM_C_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C32/1	Swap Id	-1
	Туре	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value	
	Name	2	
	Number	2	
	Swap Id	-1	
2 : C32/2	Туре	Passive	
	Net Name	VCC_5	
	Order	1	
		Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16790019	
	ID	1257	
	Reference	R60	
	Designator		
	Part Reference	R60	
INS16790019 : R60	Value	100R-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></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 : R60/1	Туре	Passive	
	Net Name	i_RPM2P2	
	Order	0	
			Is No Connect

Object	Property Name	Property Value
	Name	2
	Number	1
	Swap Id	-1
2 : R60/2	Туре	Passive
	Net Name	N16791261
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16791338
	ID	1270
	Reference	C35
	Designator	
INS16791338 : C35	Part Reference	C35
	Value	10n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C35/1	Swap Id	-1
	Туре	Passive
	Net Name	GND_SIGNAL
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:C35/2	Swap Id	-1
	Туре	Passive
	Net Name	lv_RPM1P1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	116783997
	Left	20
Rectangle	Тор	2
	Right	1140
	Bottom	326
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	116784000
	Left	20
	Тор	340
Rectangle	Right	1138
	Bottom	660
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	116783994
	Bounding Box Left	500
	Bounding Box Right	520
R1	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
	Name	116784003
	Bounding Box Left	540
	Bounding Box Right	560
R1	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
•	Name	116784375
	Bounding Box Left	430
	Bounding Box Right	694
	Bounding Box Top	10
Temperature CH 1	Bounding Box Bottom	37
	Text	Temperature CH 1
	Text Location X-Coordinate	430
	Text Location Y-Coordinate	10
	Font	Courier New
Obligat	I Burnanta Nama	I Burn out a Malana
Object	Property Name	Property Value
	Name Paul off	116784414
	Bounding Box Left	460
	Bounding Box Right	724 340
Temperature CH 2	Bounding Box Top	•
	Bounding Box Bottom	367
	Text Location X-Coordinate	Temperature CH 2 460
	Text Location Y-Coordinate  Text Location Y-Coordinate	340
	Font	Courier New
	Tont	Council 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
Obline	I Burnanta Nama	Duran auto Malon
Object TM1P1-: TM1P1- (Wire ID = 16784039)	Property Name	Property Value
	Name	TM1P1-
Object	Property Name	Property Value
TM1P1- : TM1P1- (Wire ID = 16784041 )		TM1P1-
·	Name	TWITE IT
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		
Colect	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16784047 )	Property Name Name	VCC_5
VCC_5 : VCC_5 (Wire ID = 16784047 )		1
VCC_5 : VCC_5 (Wire ID = 16784047 )	Name	VCC_5
VCC_5 : VCC_5 (Wire ID = 16784047 )  Object		1
VCC_5 : VCC_5 (Wire ID = 16784047 )	Name	VCC_5

Object	Dramanty Names	Dramarty Value
Object N16784051 : N16784051 (Wire ID = 16784051 )	Property Name	Property Value
( 3 3 3 3 3 3 3 )	Name	N16784051
Object	Property Name	Property Value
N16784051 : N16784051 (Wire ID = 16784053 )	Name	N16784051
		•
	15 . N	In and
Object AGND : AGND (Wire ID = 16784055 )	Property Name	Property Value
	Name	AGND
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784057 )	Name	AGND
Object	I Burnanta Nama	I Brown and a Malara
Object AGND : AGND (Wire ID = 16784059 )	Property Name	Property Value
1 ( 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Name	AGND
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784061 )	Name	AGND
		T
Object AGND : AGND (Wire ID = 16784063 )	Property Name	Property Value
AGND : AGND (WIFE ID = 10704003)	Name	AGND
Object	Property Name	Property Value
VCC_3_3 : VCC_3_3 (Wire ID = 16784080 )	Name	VCC_3_3
		<u> </u>
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-
·	Harito	TIVITI 1-
Object	Property Name	Property Value
TM1P1- : TM1P1- (Wire ID = 16784154)	Name	TM1P1-

Ohioot	Dramarty Name	Dramarty Value
Object TM1P1-: TM1P1- (Wire ID = 16784156)	Property Name	Property Value
, 22 32,	Name	TM1P1-
Object	Property Name	Property Value
TM1P1-: TM1P1- (Wire ID = 16784158)	Name	TM1P1-
		•
	_	
Object TM1P1-: TM1P1- (Wire ID = 16784160)	Property Name	Property Value
TWIF1 TWIF1- (WITE ID = 10784100)	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	Droporty Name	Proporty Value
Object N16784130 : N16784130 (Wire ID = 16784167 )	Property Name	Property Value N16784130
,	Name	N10764130
Object	Property Name	Property Value
N16784130 : N16784130 (Wire ID = 16784169 )	Name	N16784130
	T =	
Object N16784130 : N16784130 (Wire ID = 16784171 )	Property Name	Property Value
1110704100: 1110704100 (VIIIC ID = 10704171)	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
	1	
Object	Property Name	Property Value
lv_tm1p1 : LV_TM1P1 (Wire ID = 16784221 )	Name	LV_TM1P1
Ohioot	Droposty Norse	Drawarty Value
Object VCC_5 : VCC_5 (Wire ID = 16784227 )	Property Name	Property Value
. ,	Name	VCC_5
Object	Property Name	Property Value
N16784237 : N16784237 (Wire ID = 16784237 )	Name	N16784237
	_	
Object	Property Name	Property Value
W_MITPLEV_TWITT (VVIII ID = 10/04239)	Name	LV_TM1P1

Object	Proporty Name	Proporty Value
Object   Iv_tm1p1 : LV_TM1P1 (Wire ID = 16784241 )	Property Name	Property Value  LV_TM1P1
,	ivalle	LV_IMIF1
Object	Property Name	Property Value
lv_tm1p1 : LV_TM1P1 (Wire ID = 16784243 )	Name	LV_TM1P1
	-	•
Object	I Burn and a Name	I Decrease Wales
Object   v_tm1p1 : LV_TM1P1 (Wire ID = 16784245 )	Property Name	Property Value
	Name	LV_TM1P1
Object	Property Name	Property Value
lv_tm1p1 : LV_TM1P1 (Wire ID = 16784247 )	Name	LV_TM1P1
Ohioat	Duamantu Nama	Dramanto Valor
Object   lv_tm1p1 : LV_TM1P1 (Wire ID = 16784249 )	Property Name	Property Value
(	Name	LV_TM1P1
Object	Property Name	Property Value
lv_tm1p1 : LV_TM1P1 (Wire ID = 16784251 )	Name	LV_TM1P1
Carr	T	Γ=
Object   Iv_tm1p1 : LV_TM1P1 (Wire ID = 16784253 )	Property Name	Property Value
10_0111p1 . EV_1W1F1 (Wile ID = 10704255)	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
	Talle 1	1110701250
Object	Property Name	Property Value
TM1P1+ : TM1P1+ (Wire ID = 16784282 )	Name	TM1P1+
Object	Property Name	Property Value
Object TM1P1+: TM1P1+ (Wire ID = 16784284)	Name	Property Value TM1P1+
·	ivalle	I IWITE I +
Object	Property Name	Property Value
TM1P1+ : TM1P1+ (Wire ID = 16784318)	Name	TM1P1+
·		
Oltra	I Brown and a Nov	I Brown autor Well
Object TM1P1+ : TM1P1+ (Wire ID = 16784320 )	Property Name	Property Value
(1113 15 - 1010-1020)	Name	TM1P1+
Object	Property Name	Property Value
TM1P1+ : TM1P1+ (Wire ID = 16784322 )	Name	TM1P1+

Object	Proporty Name	Proporty Value
Object temp2_I : TEMP2_I (Wire ID = 16784324 )	Property Name	Property Value  TEMP2_I
<u> </u>	INGILIE	I LIVIT Z_I
Object	Property Name	Property Value
N16784263 : N16784263 (Wire ID = 16784327 )	Name	N16784263
	-	•
		•
Object N16784263: N16784263 (Wire ID = 16784329)	Property Name	Property Value
1410704203 : 1410704203 (WIIE ID = 10704323 )	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	Property Value N16784349
<u> </u>	INGILIE	1410704040
Object	Property Name	Property Value
N16784359 : N16784359 (Wire ID = 16784359 )	Name	N16784359
	15 / N	15 4 4 1
Object N16784361 : N16784361 (Wire ID = 16784361 )	Property Name	Property Value
	Name	N16784361
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784363 )	Name	AGND
	•	•
C		1 -
Object AGND : AGND (Wire ID = 16784365)	Property Name	Property Value
7616 : 7616 (Wile ib = 10704000)	Name	AGND
Object	Property Name	Property Value
temp1_I : TEMP1_I (Wire ID = 16784367 )	Name	TEMP1_I
		<del>-</del>
Object	Property Name	Property Value
N16784349 : N16784349 (Wire ID = 16784370 )	Name	N16784349
Object	Property Name	Property Value
N16784349 : N16784349 (Wire ID = 16784372 )	Name	N16784349
		1110101010
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784377 )	Name	AGND
Ohioat	December Nove	Duamanto Valera
Object temp2_I : TEMP2_I (Wire ID = 16784379 )	Property Name	Property Value
, = = = ( ) := ::::::::::::::::::::::::::	Name	TEMP2_I

Ohioot	Dramarty Naves	Dranarty Value
Object N16784349 : N16784349 (Wire ID = 16784382 )	Property Name	Property Value N16784349
, , , , , , , , , , , , , , , , , , ,	Name	1410104043
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784384 )	Name	AGND
	-	
	1-	T
Object N16784361 : N16784361 (Wire ID = 16784409 )	Property Name	Property Value
1410704301 : 1410704301 (WIIE ID = 10704409 )	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 AGND
<u> </u>	INGITIO	AGIND
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784448 )	Name	AGND
	15	15
Object TM1P2- : TM1P2- (Wire ID = 16784450 )	Property Name	Property Value
2 (2 (	Name	TM1P2-
Object	Property Name	Property Value
TM1P2- : TM1P2- (Wire ID = 16784452 )	Name	TM1P2-
	-	•
Object AGND : AGND (Wire ID = 16784454)	Property Name	Property Value
AGND : AGND (Wife ID = 10704434 )	Name	AGND
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784456 )	Name	AGND
	•	1 -
Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16784458)	Name	VCC_5
Object	Proporty Name	Proporty Value
Object   VCC_5 : VCC_5 (Wire ID = 16784460 )	Property Name	Property Value  VCC_5
<u> </u>	INGITIO	V00_0
Object	Property Name	Property Value
N16784462 : N16784462 (Wire ID = 16784462 )	Name	N16784462
C	T=	<u></u>
Object N16784462 (Wire ID = 16784464 )	Property Name	Property Value
(WIIE ID = 10704404)	Name	N16784462

Ohioot	Droporty Name	Proporty Value
Object AGND : AGND (Wire ID = 16784466 )	Property Name Name	Property Value  AGND
	Hallie	AGIND
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784468 )	Name	AGND
Object	I Baranata Nama	Down and a Value
Object AGND: AGND (Wire ID = 16784470)	Property Name	Property Value
	Name	AGND
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784472 )	Name	AGND
	T=	1-
Object AGND : AGND (Wire ID = 16784474 )	Property Name	Property Value
ACIND : ACIND (WITE ID = 10/044/4)	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
	Tallo	110101102
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784508 )	Name	AGND
Object	Proporty Name	Proporty Value
Object AGND : AGND (Wire ID = 16784510 )	Property Name Name	Property Value  AGND
	Name	AGNU
Object	Property Name	Property Value
N16784548 : N16784548 (Wire ID = 16784548 )	Name	N16784548
Ohioot	Dramanti, Name	Dramastic Value
Object TM1P2- : TM1P2- (Wire ID = 16784561)	Property Name	Property Value
, 12 (3)3(3)1)	Name	TM1P2-
Object	Property Name	Property Value
TM1P2- : TM1P2- (Wire ID = 16784563 )	Name	TM1P2-
	T=	15
Object TM1P2- : TM1P2- (Wire ID = 16784565)	Property Name	Property Value
2 . Timin 2 (Timo ID = 10704000)	Name	TM1P2-
Object	Property Name	Property Value
TM1P2- : TM1P2- (Wire ID = 16784567 )	Name	TM1P2-
-	-	•

Object	Proporty Name	Proporty Value
Object TM1P2-: TM1P2- (Wire ID = 16784569)	Property Name	Property Value TM1P2-
	IVALITO	TWITE Z-
Object	Property Name	Property Value
TM1P2- : TM1P2- (Wire ID = 16784571 )	Name	TM1P2-
	-	•
Object N16784573: N16784573 (Wire ID = 16784573)	Property Name	Property Value
(Wile ID = 10704373)	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 )	Property Name	Property Value N16784548
` '	IVAILIO	1810704040
Object	Property Name	Property Value
N16784548 : N16784548 (Wire ID = 16784582 )	Name	N16784548
	15	In
Object N16784548 : N16784548 (Wire ID = 16784584 )	Property Name	Property Value
	Name	N16784548
Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16784586 )	Name	LV TM1P2
	•	•
Object N16784548: N16784548 (Wire ID = 16784618)	Property Name	Property Value
10704340 : 10704340 (WITE ID = 10704010 )	Name	N16784548
Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16784628 )	Name	LV_TM1P2
	•	<del>! -</del>
Object	Property Name	Property Value
N16784646 : N16784646 (Wire ID = 16784646 )	Name	N16784646
Object	Property Name	Proporty Value
Object   Iv_tm1p2 : LV_TM1P2 (Wire ID = 16784648 )	Property Name	Property Value LV_TM1P2
, , , , , , , , , , , , , , , , , , , ,	Name	LV_IIVIITZ
Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16784650 )	Name	LV_TM1P2
	1=	1=
Object   Iv_tm1p2 : LV_TM1P2 (Wire ID = 16784652 )	Property Name	Property Value
W_0111P2 . EV_1W11 2 (WIIG ID = 10704002)	Name	LV_TM1P2

Ohioot	Dramarty Naves	Dranariy Value
Object   Iv_tm1p2 : LV_TM1P2 (Wire ID = 16784654 )	Property Name	Property Value
, _ , , , , , , , , , , , , , , , , , ,	Name	LV_TM1P2
Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16784656 )	Name	LV_TM1P2
		·
Object 100 100 100 100 100 100 100 100 100 10	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
	Name	
Object	Property Name	Property Value
lv_tm1p2 : LV_TM1P2 (Wire ID = 16784662 )	Name	LV_TM1P2
Object	Droporty Name	Bronorty Volus
Object   VCC_5 : VCC_5 (Wire ID = 16784664 )	Property Name	Property Value
_ , _ , ,	Name	VCC_5
Object	Property Name	Property Value
N16784666 : N16784666 (Wire ID = 16784666 )	Name	N16784666
	T =	1-
Object N16784666 : N16784666 (Wire ID = 16784668 )	Property Name	Property Value
(1110 1000 1110 1000 (11110 12 = 1010 1000 )	Name	N16784666
Object	Property Name	Property Value
N16784666 : N16784666 (Wire ID = 16784670 )	Name	N16784666
	•	•
	-	
Object TM1P2+ : TM1P2+ (Wire ID = 16784693)	Property Name	Property Value
TWITF2+ . TWITF2+ (WITE ID = 10704093 )	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+
		1 2.
Object	Property Name	Property Value
TM1P2+ : TM1P2+ (Wire ID = 16784733 )	Name	TM1P2+
Ohioat	Duamante Navi	Duamantu Valira
Object temp4_I : TEMP4_I (Wire ID = 16784735 )	Property Name	Property Value
	Name	TEMP4_I

Ohioot	Dramarty Naves	Dramarky Value
Object N16784666: N16784666 (Wire ID = 16784738)	Property Name	Property Value
.,	Name	N16784666
Object	Property Name	Property Value
N16784666 : N16784666 (Wire ID = 16784740 )	Name	N16784666
	-	•
Object N16784666: N16784666 (Wire ID = 16784742)	Property Name	Property Value
1010704000 : 1010704000 (WITE ID = 10704742 )	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	Droporty Name	Bronorty Volum
Object N16784756 : N16784756 (Wire ID = 16784756 )	Property Name	Property Value
( 1 1100)	Name	N16784756
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16784758 )	Name	AGND
	T =	<u> </u>
Object AGND : AGND (Wire ID = 16784760 )	Property Name	Property Value
Tells Hells (Hile is a left field)	Name	AGND
Object	Property Name	Property Value
N16784776 : N16784776 (Wire ID = 16784776 )	Name	N16784776
	-	
Object AGND : AGND (Wire ID = 16784778)	Property Name	Property Value
AGND : AGND (WIFE ID = 10704776)	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
Ohioat	Duamantu Nass	Drawarts Valor
Object temp4_I : TEMP4_I (Wire ID = 16784806 )	Property Name	Property Value
	Name	TEMP4_I

Droporty Namo	Property Value	
Property Name		
Name	N10784776	
Proporty Namo	Proporty Value	
Name	N16784756	
Bronorty Name	Proporty Value	
Name	N16784756	
Property Name	Property Value	
Ivaille	TWITE	
Property Name	Property Value	
		ARVICAPSVM OF
		ALCHOPH STWI.OLE
Course Symbol	VOO_DAIX	
Property Name	Property Value	
Source Symbol	V00_D/4/	
Property Name	Property Value	
		LB
, , , , , , , , , , , , , , , , , , , ,		
Property Name	Property Value	
Name	AGND	
Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OI	LB
Source Symbol	GND_SIGNAL	
Property Name	Property Value	
Name	AGND	
Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OL	LB
Source Symbol	GND_SIGNAL	
Property Name	Property Value	
Property Name	Property Value  VCC_5	
		ARY\CAPSYM.OLE
Name	VCC_5	ARY\CAPSYM.OLE
Name Source Library	VCC_5 D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LBRA	ARY\CAPSYM.OLI
Name Source Library	VCC_5 D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LBRA	ARY\CAPSYM.OLE
Name Source Library	VCC_5 D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LBRA	ARY\CAPSYM.OLE
Name Source Library Source Symbol	VCC_5 D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRA VCC_BAR	ARY/CAPSYM.OLE
Name Source Library Source Symbol  Property Name	VCC_5  D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIBRAVIOLS\CAPTURE\LIBR	
	Source Library Source Symbol  Property Name Name Source Library	Property Name

Object	Property Name	Property Value	7
	Name	AGND	٦
AGND	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENER	RAL.OLB
	Source Symbol	GND_SIGNAL	
			_
Object	Property Name	Property Value	
	Name	AGND	
AGND	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENER	RAL.OLB
	Source Symbol	GND_SIGNAL	
Object	Property Name	Property Value	コ
Object	Name	AGND	-
AGND	Source Library	E:\PCB DEV\GLOBAL LIB\CAPTURE\SLS GENER	RAL.OLB
	Source Symbol	GND_SIGNAL	1
		,	_
Object	Property Name	Property Value	
	Name	AGND	7
AGND	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENER	RAL.OLB
	Source Symbol	GND_SIGNAL	
			7
Object	Property Name	Property Value	_
	Property Name Name	Property Value  VCC_5	_
Object VCC_5			:\LIBRARY\CAPSYN

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

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.
	Source Symbol	GND SIGNAL

	Object	Property Name	Property Value	
	AGND	Name	AGND	
		Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERA	L.OLB
		Source Symbol	GND_SIGNAL	

Object	Property Name	Property Value	
	Name	AGND	
AGND	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERA	L.OLI
	Source Symbol	GND_SIGNAL	

Object	Property Name	Property Value
VCC_5	Name	VCC_5
	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\LIB
	Source Symbol	VCC BAR

LIBRARY\CAPSYM.OLE

Object	Property Name	Property Value
AGND	Name	AGND
AOND	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL
Object	Property Name	Property Value
Object	Name	AGND
AGND	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL
Object	Property Name	Property Value
	Name	AGND
AGND	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OLB
	Source Symbol	GND_SIGNAL
Object	Property Name	Property Value
ACND	Name	AGND
AGND	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERA
	Source Symbol	GND_SIGNAL
<b></b>	1	1-
Object	Property Name	Property Value
AGND	Name	AGND
AGND	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERA
	Source Symbol	GND_SIGNAL
Object	I Brown auto Norma	Down out - Value
Object	Property Name	Property Value
v_tm1p1 :	Name	lv_tm1p1
_ '	Source Library Source Symbol	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\CAPSYM.C
	Source Symbol	OTTAGELLIFIC
Object	Property Name	Property Value
j	Name	TM1P1+
TM1P1+:	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRAF.Y\CAPSYM
	Source Symbol	OFFPAGELEFT-L
Object	Property Name	Property Value
TM1D1	Name	TM1P1-
IM1P1- :	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
	15	
Object	Property Name	Property Value
TM1P2- :	Name	TM1P2-
(19(1) Z <sup>2</sup> .	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM
	Source Symbol	OFFPAGELEFT-L
Ohioot	Duamento Nama	Dronowty Volus
Object	Property Name	Property Value
TM1P2+ :	Name	TM1P2+
WTP2+:	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAPSYM
11111 21 .	Source Symbol	OFFPAGELEFT-L

Object	Property Name	Property Value	
lv_tm1p2 :	Name	lv_tm1p2	
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\C	CAPSYM.OL
	Source Symbol	OFFPAGELEFT-R	

Object **Property Name Property Value** Path Name Schematic Path ID TEMPRATURE CH1 & CH2 Title Page Count 12 SCH-BH-MST219-2341-1A-01 Page content Page Number 10 Motor Speed & Temperature card (BH-MST-219) **Document Name** BH-MST-219-2352-1A-01 C:\VISH RANA\PROJECT\BHEL METRO\BHEL DEVLOPING\2023 BHEL\TR Design File Name **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 SCHEMATIC1 Schematic Name Schematic Create Date Tuesday, December 26, 2023 Wednesday, December 27, 2023 general : general Schematic Modify Time 17:51:02 Schematic Page Count Schematic Page Number Page Size A4 Page Create Date Tuesday, December 26, 2023 Page Modify Date Wednesday, December 27, 2023 Page Create Time 12:42:22 C:\VISH RANA\LIB\ORCAD\TEMP1.OLB Source Symbol general s\_10\_ temp1&2 Page Name RevCode 1A Verified Date 27-SEP-23 **Designed Date** 27-SEP-23 27-SEP-23 Drawn Date CKR,HS Verified By KSB Drawn By KSB Designed By

Object	Property Name	Property Value	
	Name	INS16784482	
	ID	833	
	Reference	R32	
	Designator		
	Part Reference	R32	
INS16784482 : R32	Value	330K-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH2	
	PCB Footprint	SM_R_0603	Ü

Object	Property Name	Property Value
	Name	1
	Number	1
1:R32/1	Swap Id	-1
	Туре	Passive
	Net Name	N16784462
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R32/2	Swap Id	-1
	Туре	Passive
	Net Name	AGND
	Order	1
		Is No Connect

Object	Property Name	Property Value
	Name	INS16784174
	ID	869
	Reference	U5
	Designator	
	Part Reference	U5
INS16784174 : U5	Value	INA326EA/250-VSSOP8
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	vssop_8

Object	Property Name	Property Value
	Name	R1_8
	Number	8
	Swap Id	-1
R1_8 : U5/R1_8	Туре	Passive
	Net Name	N16784361
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	-V
-V : U5/-V	Number	4
	Swap Id	-1
	Туре	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	VOUT	
	Number	6	
VOUT: U5/VOUT	Swap Id	-1	
	Туре	Passive	
	Net Name	N16784237	
	Order	2	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	+VIN
	Number	3
	Swap Id	-1
+VIN: U5/+VIN	Туре	Passive
	Net Name	N16784263
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	-VIN
	Number	2
-VIN : U5/-VIN	Swap Id	-1
	Туре	Passive
	Net Name	N16784130
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	R2
	Number	5
	Swap Id	-1
R2: U5/R2	Туре	Passive
	Net Name	N16784051
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	+V
	Number	7
	Swap Id	-1
+V : U5/+V	Туре	Passive
	Net Name	VCC_5
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	R1_1
	Number	1
R1_1 : U5/R1_1	Swap Id	-1
	Туре	Passive
	Net Name	N16784359
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784788
	ID	788
	Reference	R40
	Designator	
	Part Reference	R40
INS16784788 : R40	Value	2K-0603
	Primitive	DEFAULT
	Implementation Type	<none></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 : R40/1	Туре	Passive
	Net Name	N16784756
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2:R40/2	Туре	Passive
	Net Name	N16784754
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16784385	
	ID	818	
	Reference	R30	
	Designator		
	Part Reference	R30	
INS16784385 : R30	Value	2K-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH1	
	PCB Footprint	SM_R_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
1 : R30/1	Swap Id	-1
	Туре	Passive
	Net Name	N16784361
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R30/2	Swap Id	-1
	Туре	Passive
	Net Name	N16784359
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784285
	ID	898
	Reference	R28
	Designator	
	Part Reference	R28
INS16784285 : R28	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R28/1	Туре	Passive
	Net Name	temp2_l
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R28/2	Туре	Passive
	Net Name	TM1P1+
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784084
	ID	812
	Reference	C15
	Designator	
	Part Reference	C15
INS16784084 : C15	Value	1n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
	Name	2
	Number	2
2 : C15/2	Swap Id	-1
	Туре	Passive
	Net Name	N16784130
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784587
	ID	860
	Reference	U7
	Designator	
	Part Reference	U7
INS16784587 : U7	Value	INA326EA/250-VSSOP8
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	vssop_8

Object	Property Name	Property Value
	Name	R1_8
	Number	8
	Swap Id	-1
R1_8 : U7/R1_8	Туре	Passive
	Net Name	N16784756
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	-V
-V : U7/-V	Number	4
	Swap Id	-1
	Туре	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	VOUT	
	Number	6	
VOUT: U7/VOUT	Swap Id	-1	
	Туре	Passive	
	Net Name	N16784646	
	Order	2	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	+VIN
	Number	3
	Swap Id	-1
+VIN: U7/+VIN	Туре	Passive
	Net Name	N16784666
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	-VIN
	Number	2
-VIN : U7/-VIN	Swap Id	-1
	Туре	Passive
	Net Name	N16784548
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	R2
	Number	5
R2: U7/R2	Swap Id	-1
	Туре	Passive
	Net Name	N16784462
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	+V
	Number	7
	Swap Id	-1
+V : U7/+V	Туре	Passive
	Net Name	VCC_5
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	R1_1
	Number	1
R1_1:U7/R1_1	Swap Id	-1
	Туре	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></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	Туре	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	Туре	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></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : R38/1	Swap Id	-1
	Туре	Passive
	Net Name	temp4_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R38/2	Туре	Passive
	Net Name	TM1P2+
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784293
	ID	881
	Reference	R29
	Designator	
	Part Reference	R29
INS16784293 : R29	Value	10K-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1:R29/1	Swap Id	-1
	Туре	Passive
	Net Name	N16784263
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R29/2	Swap Id	-1
	Туре	Passive
	Net Name	temp2_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784495
	ID	915
	Reference	C21
	Designator	
	Part Reference	C21
INS16784495 : C21	Value	1n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C21/1	Swap Id	4
	Туре	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : C21/2	Swap Id	-1
	Туре	Passive
	Net Name	N16784548
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16784601	
	ID	854	
	Reference	D17	
	Designator		
	Part Reference	D17	
INS16784601 : D17	Value	SMDJ18CA-DO-214AB	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH2	
	PCB Footprint	do_214ab	

Object	Property Name	Property Value
	Name	ANODE
	Number	1
ANODE : D17/ANODE	Swap Id	-1
	Туре	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
	Туре	Passive
	Net Name	TM1P2-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784198
	ID	821
	Reference	D13
	Designator	
	Part Reference	D13
INS16784198 : D13	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	do_214ab

Object	Property Name	Property Value
	Name	ANODE
	Number	1
ANODE : D13/ANODE	Swap Id	-1
	Туре	Passive
	Net Name	TM1P1+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	2
CATHODE : D13/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	TM1P1-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784704
	ID	815
	Reference	R39
	Designator	
	Part Reference	R39
INS16784704 : R39	Value	10K-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
_	Name	1
	Number	1
1 : R39/1	Swap Id	-1
	Туре	Passive
	Net Name	N16784666
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R39/2	Swap Id	-1
	Туре	Passive
	Net Name	temp4_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784301
	ID	948
	Reference	C17
	Designator	
	Part Reference	C17
INS16784301 : C17	Value	1u-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C17/1	Swap Id	-1
	Туре	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : C17/2	Swap Id	-1
	Туре	Passive
	Net Name	lv_tm1p1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784609
	ID	892
	Reference	D18
	Designator	
	Part Reference	D18
INS16784609 : D18	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	do_214ab

Object	Property Name	Property Value
	Name	ANODE
	Number	1
ANODE : D18/ANODE	Swap Id	-1
	Туре	Passive
	Net Name	TM1P2+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	2
CATHODE : D18/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	TM1P2-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16784105	
	ID	904	
	Reference	R23	
	Designator		
INS16784105 : R23	Part Reference	R23	
	Value	91R-0603-0.1%	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH1	, and the second
	PCB Footprint	SM_R_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
1:R23/1	Swap Id	-1
	Туре	Passive
	Net Name	N16784162
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R23/2	Swap Id	-1
	Туре	Passive
	Net Name	TM1P1-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16784511	
	ID	913	
	Reference	TP4	
	Designator		
	Part Reference	TP4	
	Value	TP	
INS16784511 : TP4	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH2	
	PCB Footprint	TP_20D_40A	
	Filename		

Object	Property Name	Property Value
	Name	TP
	Number	1
	Swap Id	-1
TP : TP4/TP	Туре	Passive
	Net Name	lv_tm1p2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16784712	
	ID	809	
	Reference	C23	
	Designator		
INS16784712 : C23	Part Reference	C23	
	Value	1u-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></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 : C23/1	Туре	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : C23/2	Swap Id	-1
	Туре	Passive
	Net Name	lv_tm1p2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784309
	ID	901
	Reference	D15
	Designator	
	Part Reference	D15
INS16784309 : D15	Value	SD103AW-13-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SOD_123

Object	Property Name	Property Value
	Name	Α
	Number	1
	Swap Id	-1
A : D15/A	Туре	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	K
	Number	2
	Swap Id	-1
K: D15/K	Туре	Passive
	Net Name	lv_tm1p1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784008
	ID	839
	Reference	R21
	Designator	
	Part Reference	R21
INS16784008 : R21	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : R21/1	Swap Id	-1
	Туре	Passive
	Net Name	TM1P1-
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R21/2	Туре	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784212
	ID	794
	Reference	R26
	Designator	
	Part Reference	R26
INS16784212 : R26	Value	100R-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : R26/1	Swap Id	-1
	Туре	Passive
	Net Name	N16784237
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R26/2	Swap Id	-1
	Туре	Passive
	Net Name	lv_tm1p1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784113
	ID	857
	Reference	R24
	Designator	
	Part Reference	R24
INS16784113 : R24	Value	5R9-0603-0.1%
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : R24/1	Swap Id	-1
	Туре	Passive
	Net Name	temp1_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R24/2	Swap Id	-1
	Туре	Passive
	Net Name	N16784162
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16784619	
	ID	918	
	Reference	R36	
	Designator		
	Part Reference	R36	
INS16784619 : R36	Value	100R-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH2	
	PCB Footprint	SM_R_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
1:R36/1	Swap Id	-1
	Туре	Passive
	Net Name	N16784646
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R36/2	Swap Id	-1
	Туре	Passive
	Net Name	lv_tm1p2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784720
	ID	800
	Reference	D20
	Designator	
	Part Reference	D20
INS16784720 : D20	Value	SD103AW-13-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SOD_123

Object	Property Name	Property Value
	Name	Α
	Number	1
A : D20/A	Swap Id	-1
	Туре	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	K
	Number	2
K : D20/K	Swap Id	-1
	Туре	Passive
	Net Name	lv_tm1p2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784419
	ID	827
	Reference	R31
	Designator	
	Part Reference	R31
INS16784419 : R31	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : R31/1	Swap Id	-1
	Туре	Passive
	Net Name	TM1P2-
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R31/2	Туре	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784016
	ID	842
	Reference	C13
	Designator	
	Part Reference	C13
INS16784016 : C13	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : C13/2	Туре	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784523
	ID	924
	Reference	R33
	Designator	
INS16784523 : R33	Part Reference	R33
	Value	91R-0603-0.1%
	Primitive	DEFAULT
	Implementation Type	<none></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 : R33/1	Туре	Passive
	Net Name	N16784573
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R33/2	Swap Id	-1
	Туре	Passive
	Net Name	TM1P2-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
_	Name	INS16784121	
	ID	939	
	Reference	R25	
	Designator		
	Part Reference	R25	
INS16784121 : R25	Value	10K-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH1	·
	PCB Footprint	SM_R_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R25/1	Туре	Passive
	Net Name	N16784130
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R25/2	Swap Id	-1
	Туре	Passive
	Net Name	temp1_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784427
	ID	797
	Reference	C19
	Designator	
	Part Reference	C19
INS16784427 : C19	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C19/1	Swap Id	-1
	Туре	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:C19/2	Swap Id	-1
	Туре	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16784026	
	ID	942	
	Reference	C14	
	Designator		
	Part Reference	C14	
INS16784026 : C14	Value	500p-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH1	
	PCB Footprint	SM_C_0603	

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

Object	Property Name	Property Value
	Name	2
	Number	2
2:C14/2	Swap Id	-1
	Туре	Passive
	Net Name	N16784051
	Order	1
		Is No Connect

Object	Property Name	Property Value
	Name	INS16784228
	ID	803
	Reference	C16
	Designator	
	Part Reference	C16
INS16784228 : C16	Value	10n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C16/1	Swap Id	-1
	Туре	Passive
	Net Name	N16784130
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:C16/2	Swap Id	-1
	Туре	Passive
	Net Name	N16784263
	Order	1
		Is No Connect

Object	Property Name	Property Value
	Name	INS16784531
	ID	785
	Reference	R34
	Designator	
	Part Reference	R34
INS16784531 : R34	Value	5R9-0603-0.1%
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1:R34/1	Swap Id	-1
	Туре	Passive
	Net Name	temp3_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R34/2	Swap Id	-1
	Туре	Passive
	Net Name	N16784573
	Order	1
		Is No Connect

Object	Property Name	Property Value	
	Name	INS16784637	
	ID	791	
	Reference	C22	
	Designator		
	Part Reference	C22	
INS16784637 : C22	Value	10n-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH2	
	PCB Footprint	SM_C_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C22/1	Swap Id	-1
	Туре	Passive
	Net Name	N16784548
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
2 : C22/2	Number	2
	Swap Id	-1
	Туре	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></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	SOD_123

Object	Property Name	Property Value
	Name	A
	Number	1
A : D11/A	Swap Id	-1
	Туре	Passive
	Net Name	lv_tm1p1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	K
	Number	2
K: D11/K	Swap Id	-1
	Туре	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></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C20/1	Swap Id	-1
	Туре	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:C20/2	Swap Id	-1
	Туре	Passive
	Net Name	N16784462
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784539
	ID	945
	Reference	R35
	Designator	
	Part Reference	R35
INS16784539 : R35	Value	10K-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : R35/1	Swap Id	-1
	Туре	Passive
	Net Name	N16784548
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R35/2	Swap Id	-1
	Туре	Passive
	Net Name	temp3_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784334
	ID	845
	Reference	U6
	Designator	
	Part Reference	U6
INS16784334 : U6	Value	REF200AU/2K5-SOIC8
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	soic_8

Object	Property Name	Property Value
	Name	I1_L
	Number	1
11_L: U6/11_L	Swap Id	4
	Туре	Passive
	Net Name	temp1_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	I2_L
	Number	2
I2_L: U6/I2_L	Swap Id	-1
	Туре	Passive
	Net Name	temp2_l
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	MIR_COM
	Number	3
	Swap Id	4
MIR_COM : U6/MIR_COM	Туре	Passive
	Net Name	
	Order	2
	Is No Connect	True

Object	Property Name	Property Value
	Name	MIR_O/P
	Number	4
MIR_O/P : U6/MIR_O/P	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
	Name	MIR_I/P
	Number	5
MIR_I/P: U6/MIR_I/P	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
	Name	SUBTRATE
	Number	6
SUBTRATE: U6/SUBTRATE	Swap Id	4
	Туре	Passive
	Net Name	
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
	Name	I2_H
	Number	7
	Swap Id	-1
I2_H : U6/I2_H	Туре	Passive
	Net Name	N16784349
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	I1_H
	Number	8
I1_H: U6/I1_H	Swap Id	-1
	Туре	Passive
	Net Name	N16784349
	Order	7
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16784745	
	ID	806	
	Reference	C24	
	Designator		
	Part Reference	C24	
INS16784745 : C24	Value	1n-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH2	
	PCB Footprint	SM_C_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C24/1	Swap Id	-1
	Туре	Passive
	Net Name	N16784666
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : C24/2	Swap Id	-1
	Туре	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784142
	ID	884
	Reference	TP3
	Designator	
	Part Reference	TP3
	Value	TP
INS16784142 : TP3	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH1
	PCB Footprint	TP_20D_40A
	Filename	

Object	Property Name	Property Value
_	Name	TP
	Number	1
TP : TP3/TP	Swap Id	-1
	Туре	Passive
	Net Name	lv_tm1p1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784552
	ID	836
	Reference	D16
	Designator	
INS16784552 : D16	Part Reference	D16
	Value	SD103AW-13-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SOD 123

Object	Property Name	Property Value
	Name	Α
	Number	1
	Swap Id	-1
A : D16/A	Туре	Passive
	Net Name	lv_tm1p2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	K
	Number	2
K : D16/K	Swap Id	-1
	Туре	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16784350	
	ID	889	
	Reference	C18	
	Designator		
	Part Reference	C18	
INS16784350 : C18	Value	1n-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH1	
	PCB Footprint	SM_C_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : C18/1	Туре	Passive
	Net Name	N16784263
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : C18/2	Туре	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16784254	
	ID	910	
	Reference	D14	
	Designator		
	Part Reference	D14	
INS16784254 : D14	Value	1N4148W-7-F-SOD123	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH1	
	PCB Footprint	SOD_123	

Object	Property Name	Property Value
	Name	ANODE
	Number	1
ANODE : D14/ANODE	Swap Id	-1
	Туре	Passive
	Net Name	VCC_5
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	2
	Swap Id	-1
CATHODE : D14/CATHODE	Туре	Passive
	Net Name	N16784349
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784761
	ID	930
	Reference	U8
	Designator	
	Part Reference	U8
INS16784761 : U8	Value	REF200AU/2K5-SOIC8
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	soic_8

Object	Property Name	Property Value
	Name	I1_L
	Number	1
	Swap Id	-1
I1_L : U8/I1_L	Туре	Passive
	Net Name	temp3_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	12_L
	Number	2
12_L : U8/12_L	Swap Id	-1
	Туре	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	4
	Туре	Passive
	Net Name	
	Order	2
	Is No Connect	True

Object	Property Name	Property Value
	Name	MIR_O/P
	Number	4
MIR_O/P : U8/MIR_O/P	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
	Name	MIR_I/P
	Number	5
MIR_I/P: U8/MIR_I/P	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
	Name	SUBTRATE
	Number	6
SUBTRATE: U8/SUBTRATE	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
	Name	I2_H
	Number	7
I2_H: U8/I2_H	Swap Id	-1
	Туре	Passive
	Net Name	N16784776
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	H_H
	Number	8
I1_H: U8/I1_H	Swap Id	-1
	Туре	Passive
	Net Name	N16784776
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16784671
	ID	886
	Reference	R37
	Designator	
	Part Reference	R37
INS16784671 : R37	Value	100K-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1:R37/1	Swap Id	-1
	Туре	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R37/2	Swap Id	-1
	Туре	Passive
	Net Name	lv_tm1p2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16784268	
	ID	830	
	Reference	R27	
	Designator		
	Part Reference	R27	
INS16784268 : R27	Value	100K-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH1	
	PCB Footprint	SM_R_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
1 : R27/1	Swap Id	-1
	Туре	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
	Туре	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></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
	Туре	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
	Туре	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></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH2
	PCB Footprint	SOD_123

Object	Property Name	Property Value
	Name	ANODE
	Number	1
	Swap Id	-1
ANODE : D19/ANODE	Туре	Passive
	Net Name	VCC_5
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	2
CATHODE : D19/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	N16784776
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	116781596
	Left	20
Rectangle	Тор	12
	Right	1140
	Bottom	336
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	I16781599
	Left	20
	Тор	390
Rectangle	Right	28
	Bottom	670
	Fill Style	Hollow Fill
	Hatch Style	Horizontal Hatch

Object	Property Name	Property Value
	Name	l16781581
	Bounding Box Left	460
	Bounding Box Right	724
	Bounding Box Top	350
Temperature CH 4	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	
	Name	I16781584	
	Bounding Box Left	430	
Temperature CH 3	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
	Name	116781587
	Bounding Box Left	700
	Bounding Box Right	720
R2	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	
	Name	I16781590	
	Bounding Box Left	550	
	Bounding Box Right	570	
R1	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
	Name	116781593
	Bounding Box Left	700
	Bounding Box Right	720
C2	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
	Name	I16781632
	Bounding Box Left	670
	Bounding Box Right	690
C2	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
	Name	I16781635
	Bounding Box Left	670
	Bounding Box Right	690
	Bounding Box Top	120
R2	Bounding Box Bottom	133
	Text	R2
	Text Location X-Coordinate	670
	Text Location Y-Coordinate	120
	Font	Courier New
		•
Object	Property Name	Property Value
	Name	I16781638
	Bounding Box Left	520
	Bounding Box Right	540
	Bounding Box Top	270
R1	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
Ohioot	Property Name	Property Value
UDIECT		
Object AGND : AGND (Wire ID = 16781642 )		
	Name	AGND
AGND : AGND (Wire ID = 16781642 )	Name	AGND
	Name Property Name	AGND Property Value
AGND : AGND (Wire ID = 16781642 ) <b>Object</b>	Name	AGND
AGND : AGND (Wire ID = 16781642 ) <b>Object</b>	Name Property Name	AGND Property Value
AGND : AGND (Wire ID = 16781642 )  Object  TM2P1-: TM2P1- (Wire ID = 16781644 )	Property Name Name	Property Value TM2P1-
AGND : AGND (Wire ID = 16781642 ) <b>Object</b>	Property Name Name Property Name	Property Value TM2P1- Property Value
AGND : AGND (Wire ID = 16781642 )  Object TM2P1-: TM2P1- (Wire ID = 16781644 )  Object	Property Name Name	Property Value TM2P1-
AGND : AGND (Wire ID = 16781642 )  Object TM2P1-: TM2P1- (Wire ID = 16781644 )  Object	Property Name Name Property Name	Property Value TM2P1- Property Value
Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781644)	Property Name Name Property Name Name Name	Property Value TM2P1-  Property Value TM2P1-
AGND : AGND (Wire ID = 16781642 )  Object TM2P1-: TM2P1- (Wire ID = 16781644 )  Object	Property Name Name Property Name Name Property Name Name Property Name	Property Value TM2P1-  Property Value TM2P1-  Property Value
Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781646)	Property Name Name Property Name Name Name	Property Value TM2P1-  Property Value TM2P1-
Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781646)	Property Name Name Property Name Name Property Name Name Property Name	Property Value TM2P1-  Property Value TM2P1-  Property Value
Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781646)  Object AGND: AGND (Wire ID = 16781648)	Property Name Name Property Name Name Property Name Name Name	Property Value TM2P1-  Property Value TM2P1-  Property Value AGND
Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781646)	Property Name Name	Property Value TM2P1-  Property Value TM2P1-  Property Value AGND  Property Value
Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781646)  Object AGND: AGND (Wire ID = 16781648)	Property Name Name Property Name Name Property Name Name Name	Property Value TM2P1-  Property Value TM2P1-  Property Value AGND
Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781646)  Object AGND: AGND (Wire ID = 16781648)	Property Name Name	Property Value TM2P1-  Property Value TM2P1-  Property Value AGND  Property Value
Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object AGND: AGND (Wire ID = 16781648)  Object AGND: AGND (Wire ID = 16781648)	Property Name Name Property Name Name Property Name Name Property Name Name Name	Property Value TM2P1-  Property Value TM2P1-  Property Value AGND  Property Value AGND
Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object AGND: AGND (Wire ID = 16781648)  Object AGND: AGND (Wire ID = 16781648)  Object AGND: AGND (Wire ID = 16781650)	Property Name Name	Property Value TM2P1-  Property Value TM2P1-  Property Value AGND  Property Value AGND  Property Value AGND
Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object AGND: AGND (Wire ID = 16781648)  Object AGND: AGND (Wire ID = 16781648)	Property Name Name Property Name Name Property Name Name Property Name Name Name	Property Value TM2P1-  Property Value TM2P1-  Property Value AGND  Property Value AGND
Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object AGND: AGND (Wire ID = 16781648)  Object AGND: AGND (Wire ID = 16781648)  Object AGND: AGND (Wire ID = 16781650)	Property Name Name	Property Value TM2P1-  Property Value TM2P1-  Property Value AGND  Property Value AGND  Property Value AGND
Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object AGND: AGND (Wire ID = 16781648)  Object AGND: AGND (Wire ID = 16781648)  Object AGND: AGND (Wire ID = 16781650)	Property Name Name  Name  Name	Property Value TM2P1-  Property Value TM2P1-  Property Value AGND  Property Value AGND  Property Value AGND  Property Value AGND
Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object TM2P1-: TM2P1- (Wire ID = 16781644)  Object AGND: AGND (Wire ID = 16781646)  Object AGND: AGND (Wire ID = 16781648)  Object Object Object Object Object	Property Name Name	Property Value TM2P1-  Property Value TM2P1-  Property Value AGND  Property Value AGND  Property Value AGND

Object	Droporty Name	Branarty Value
Object N16781656: N16781656 (Wire ID = 16781656)	Property Name	Property Value N16781656
, , , , ,	ivallit	1110701000
Object	Property Name	Property Value
N16781656 : N16781656 (Wire ID = 16781658 )	Name	N16781656
	-	•
	15 ( )	15 4 4 1
Object AGND: AGND (Wire ID = 16781660)	Property Name	Property Value
Helib Helib (Hille ID = Helicioso)	Name	AGND
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781662 )	Name	AGND
	_	
Object AGND : AGND (Wire ID = 16781664)	Property Name	Property Value
7010 . 7010 (Wile ID - 10701004)	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
	reamo	700_0_0
Object	Property Name	Property Value
N16781656 : N16781656 (Wire ID = 16781698 )	Name	N16781656
Object	Property Name	Property Value
Object N16781656: N16781656 (Wire ID = 16781700)	Name	N16781656
,	HATTO	NIO/O1000
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781702 )	Name	AGND
Object	Droporty Nome	Property Value
Object AGND : AGND (Wire ID = 16781704 )	Property Name	
, , , , , , , , , , , , , , , , , , , ,	Name	AGND
Object	Property Name	Property Value
N16781735 : N16781735 (Wire ID = 16781735 )	Name	N16781735
	15 / 1	15 4 4 1
Object TM2P1-: TM2P1- (Wire ID = 16781748)	Property Name	Property Value
1 . 1 (WILL I (WILL ID = 10/01/40)	Name	TM2P1-
Object	Property Name	Property Value
TM2P1-: TM2P1- (Wire ID = 16781750 )	Name	TM2P1-

Object	Duamanti, Narra	Dramarty Value
Object TM2P1-: TM2P1- (Wire ID = 16781752)	Property Name	Property Value
, , , , , , , , , , , , , , , , , , , ,	Name	TM2P1-
Object	Property Name	Property Value
TM2P1- : TM2P1- (Wire ID = 16781754 )	Name	TM2P1-
		•
Carr	1-	T=
Object TM2P1-: TM2P1- (Wire ID = 16781756)	Property Name	Property Value
11WZF 1 11WZF 1- (WHE ID = 10701730 )	Name	TM2P1-
Object	Property Name	Property Value
TM2P1- : TM2P1- (Wire ID = 16781758 )	Name	TM2P1-
		<u> </u>
Object	Property Name	Property Value
N16781760 : N16781760 (Wire ID = 16781760 )	Name	N16781760
Object	Property Namo	Property Value
temp5_I : TEMP5_I (Wire ID = 16781762 )	Property Name	Property Value  TEMP5_I
<u> </u>	INGITIO	LEIME 2_1
Object	Property Name	Property Value
N16781735 : N16781735 (Wire ID = 16781765 )	Name	N16781735
	15	I Day VI
Object N16781735 : N16781735 (Wire ID = 16781767 )	Property Name	Property Value
	Name	N16781735
Object	Property Name	Property Value
N16781735 : N16781735 (Wire ID = 16781769 )	Name	N16781735
	•	
Object N16781735 : N16781735 (Wire ID = 16781771 )	Property Name	Property Value
N10701735 . N10701735 (WIIE ID = 10701771)	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
		E-V_1190E-1
Object	Property Name	Property Value
N16781840 : N16781840 (Wire ID = 16781840 )	Name	N16781840
Obline	I Bassanta Na	I Burn anto Mal
Object	Property Name	Property Value
	Name	LV_TM2P1

Object	Dranauty Name	Dramarty Value
Object   Iv_tm2p1 : LV_TM2P1 (Wire ID = 16781844 )	Property Name	Property Value
, = , , , , , , , , , , , , , , , , , ,	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
	Tamb	
Object	Property Name	Property Value
lv_tm2p1 : LV_TM2P1 (Wire ID = 16781852 )	Name	LV_TM2P1
Object	Droporty Name	Proporty Value
Object   Iv_tm2p1 : LV_TM2P1 (Wire ID = 16781854 )	Property Name	Property Value
, = , , , , , , , , , , , , , , , , , ,	Name	LV_TM2P1
Object	Property Name	Property Value
lv_tm2p1 : LV_TM2P1 (Wire ID = 16781856 )	Name	LV_TM2P1
		12
Object VCC_5 : VCC_5 (Wire ID = 16781858 )	Property Name	Property Value
VOC_0 : VOC_0 (Wild ID = 10701000)	Name	VCC_5
Object	Property Name	Property Value
N16781860 : N16781860 (Wire ID = 16781860 )	Name	N16781860
	•	•
Object N16781860 : N16781860 (Wire ID = 16781862 )	Property Name	Property Value
(Wile ID = 10781802)	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 )	Property Name Name	Property Value TM2P1+
· · · · · · · · · · · · · · · · · · ·	Harrie	TIVIZI IT
Object	Property Name	Property Value
TM2P1+ : TM2P1+ (Wire ID = 16781923 )	Name	TM2P1+
	1=	T =
Object TM2P1+ : TM2P1+ (Wire ID = 16781925 )	Property Name	Property Value
11. 11021 11 (VIII D = 10701020)	Name	TM2P1+

Object	Property Name	Proporty Value
Object TM2P1+: TM2P1+ (Wire ID = 16781927)	Property Name	Property Value TM2P1+
· · · · · · · · · · · · · · · · · · ·	INCHIE	TIVIZE IT
Object	Property Name	Property Value
temp6_I : TEMP6_I (Wire ID = 16781929 )	Name	TEMP6_I
Ohiost	Duamante Nama	Duamanto Valua
Object N16781860 : N16781860 (Wire ID = 16781932 )	Property Name	Property Value
, , ,	Name	N16781860
Object	Property Name	Property Value
N16781860 : N16781860 (Wire ID = 16781934 )	Name	N16781860
	15	I Day W.
Object N16781860 : N16781860 (Wire ID = 16781936 )	Property Name	Property Value
(	Name	N16781860
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16781952 )	Name	AGND
Object temp5_1: TEMP5_1 (Wire ID = 16781954 )	Property Name	Property Value
temp5_1. TEMP5_1 (Wife ID = 10701954)	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	Proporty Name	Proporty Volus
Object temp6_I : TEMP6_I (Wire ID = 16781977 )	Property Name	Property Value  TEMP6_I
, , , , , , , , , , , , , , , , , , , ,	Name	I EWFO_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 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
<u> </u>	radiio	MODIST
Object	Property Name	Property Value
N16781971 : N16781971 (Wire ID = 16782011 )	Name	N16781971
Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16782033 )		VCC_5
<u> </u>	Name	VCC_5
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782043 )	Name	AGND
C	T=	15
Object  AGND : AGND (Wire ID = 16782045)	Property Name	Property Value
7,015 . 7,016 (Wile ID = 10702040 )	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	Proporty Value
Object AGND : AGND (Wire ID = 16782051 )	Property Name	Property Value  AGND
· · · · · · · · · · · · · · · · · · ·	INGILIE	AGNU
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782053 )	Name	AGND
Object	Duamantu Nassa	Duamanti Vales
Object VCC_5 : VCC_5 (Wire ID = 16782055 )	Property Name	Property Value
	Name	VCC_5
Object	Property Name	Property Value
VCC_5 : VCC_5 (Wire ID = 16782057 )	Name	VCC_5
		T =
Object N16782059 : N16782059 (Wire ID = 16782059 )	Property Name	Property Value
1410/02009 . 1410/02009 (WIIE ID = 10/02009)	Name	N16782059
Object	Property Name	Property Value
N16782059 : N16782059 (Wire ID = 16782061 )	Name	N16782059
	INGINO	1410702000

Object	Proporty Name	Property Value
Object AGND : AGND (Wire ID = 16782063)	Property Name	Property Value
<u>'</u>	IVALITO	NOIND
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782065 )	Name	AGND
	-	
Obligat	I Business Manua	I Burner of the Veller
Object AGND : AGND (Wire ID = 16782067)	Property Name	Property Value
1 1 1 1 1 1	Name	AGND
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782069 )	Name	AGND
C =	15	15
Object AGND : AGND (Wire ID = 16782071 )	Property Name	Property Value
7.010 . AOIND (WIIC ID - 10/020/1)	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
	Name	1010702039
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782105 )	Name	AGND
	In . N	Ta . v.
Object AGND : AGND (Wire ID = 16782107)	Property Name	Property Value
	Name	AGND
Object	Property Name	Property Value
N16782138 : N16782138 (Wire ID = 16782138 )	Name	N16782138
	-	<u>-</u>
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-
	15 ( )	[B 4 W]
Object TM2P2-: TM2P2- (Wire ID = 16782164)	Property Name	Property Value
- · · · · · · · · · · · · · · · · · · ·	Name	TM2P2-

Object	Proporty Name	Proporty Value
Object TM2P2-: TM2P2- (Wire ID = 16782166)	Property Name	Property Value TM2P2-
· , , , , , , , , , , , , , , , , , , ,	IVAIIIE	IWIZFZ-
Object	Property Name	Property Value
TM2P2- : TM2P2- (Wire ID = 16782168 )	Name	TM2P2-
Object	I Barranta Nama	I Busin auto Value
Object N16782170 : N16782170 (Wire ID = 16782170 )	Property Name	Property Value
	Name	N16782170
Object	Property Name	Property Value
temp7_I : TEMP7_I (Wire ID = 16782172 )	Name	TEMP7_I
		1-
Object N16782138 : N16782138 (Wire ID = 16782175 )	Property Name	Property Value
(Wile ID = 10/02/175)	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
•	reamo	1110102100
Object	Property Name	Property Value
lv_tm2p2 : LV_TM2P2 (Wire ID = 16782197 )	Name	LV_TM2P2
Object	Property Name	Proporty Value
Object N16782138 : N16782138 (Wire ID = 16782215 )	Name	Property Value N16782138
	Name	1410702130
Object	Property Name	Property Value
lv_tm2p2 : LV_TM2P2 (Wire ID = 16782229 )	Name	LV_TM2P2
Ohioot	Dramarty Name	Drawarts Value
Object N16782243 : N16782243 (Wire ID = 16782243 )	Property Name	Property Value
7(	Name	N16782243
Object	Property Name	Property Value
lv_tm2p2 : LV_TM2P2 (Wire ID = 16782245 )	Name	LV_TM2P2
	T	1-
Object   Iv_tm2p2 : LV_TM2P2 (Wire ID = 16782247 )	Property Name	Property Value
10/02247)	Name	LV_TM2P2
Object	Property Name	Property Value
lv_tm2p2 : LV_TM2P2 (Wire ID = 16782249 )	Name	LV_TM2P2
	-	

Object	Proporty Name	Property Value
Object   Iv_tm2p2 : LV_TM2P2 (Wire ID = 16782251 )	Property Name	Property Value  LV_TM2P2
, , , , , , , , , , , , , , , , , , , ,	INGING	LV_INIZFZ
Object	Property Name	Property Value
lv_tm2p2 : LV_TM2P2 (Wire ID = 16782253 )	Name	LV_TM2P2
	-	
Object   Iv_tm2p2 : LV_TM2P2 (Wire ID = 16782255 )	Property Name	Property Value
1v_u112p2 : Lv_11v12F2 (vviie ib = 10702233)	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	Property Value N16782269
<u> </u>	INGING	1410102203
Object	Property Name	Property Value
N16782269 : N16782269 (Wire ID = 16782271 )	Name	N16782269
Object N16782269 : N16782269 (Wire ID = 16782273 )	Property Name	Property Value
(1110102200 (1110102	Name	N16782269
Object	Property Name	Property Value
TM2P2+ : TM2P2+ (Wire ID = 16782288 )	Name	TM2P2+
	•	•
Object TM2P2+ : TM2P2+ (Wire ID = 16782290 )	Property Name	Property Value
TIMIZEZ+ : TIMIZEZ+ (WITE ID = 10702290 )	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
Col.:	I Basan satur Nas	Down auto Vale
Object N16782269 : N16782269 (Wire ID = 16782347 )	Property Name	Property Value
11 11 (11 (11 12 12 12 11 )	Name	N16782269

Ohioot	Dramarty Name	Dramarty Value
Object N16782269 : N16782269 (Wire ID = 16782349 )	Property Name	Property Value
, , , , , , , , , , , , , , , , , , , ,	Name	N16782269
Object	Property Name	Property Value
N16782269 : N16782269 (Wire ID = 16782351 )	Name	N16782269
		•
Object 1000000000000000000000000000000000000	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	Droporty Name	Bronorty Volus
Object AGND : AGND (Wire ID = 16782360)	Property Name	Property Value  AGND
,	Name	AGND
Object	Property Name	Property Value
temp8_I : TEMP8_I (Wire ID = 16782362 )	Name	TEMP8_I
	T =	12
Object N16782356: N16782356 (Wire ID = 16782365)	Property Name	Property Value
(1110102000 (11110102000 (1111010	Name	N16782356
Object	Property Name	Property Value
N16782375 : N16782375 (Wire ID = 16782375 )	Name	N16782375
	•	•
Object N16782377: N16782377 (Wire ID = 16782377)	Property Name	Property Value
N10702377 : N10702377 (WITE ID = 10702377)	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
		1
Object	Property Name	Property Value
AGND : AGND (Wire ID = 16782385 )	Name	AGND
Ohioat	Duamante Nacco	Duamantu Valira
Object N16782377 : N16782377 (Wire ID = 16782410 )	Property Name	Property Value
( 15 = 10.02.10)	Name	N16782377

Property Name	Property Value	
Name	VCC_5	
Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\L	JBRARY\CAPSYM.O
Source Symbol	VCC_BAR	]
Property Name	Property Value	1
Name	VCC_3_3	1
Source Library	E:\PCB_DEV\LIBRARY\CAPTURE\SLS_GENERAL.O	В
Source Symbol	VCC_BAR	]
		-
Property Name	Property Value	1
Name	AGND	1
Source Library		AL.OLB
Source Symbol	GND_SIGNAL	1
•		•
Property Name	Property Value	1
		1
		AL.OLB
		1
		•
Property Name	Property Value	1
Name	AGND	]
Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERA	L.OLB
Source Symbol	GND_SIGNAL	]
Property Name	Property Value	1
Name	VCC_5	]
Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\L	JBRARY\CAPSYM.C
Source Symbol	VCC_BAR	]
Property Name	Property Value	1
Name	AGND	1
Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERA	L.OLB
Source Symbol	GND_SIGNAL	]
		-
Property Name	Property Value	1
Property Name	Property Value	]
Property Name Name Source Library	Property Value  AGND  E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERA	L.OLB
	Name Source Library Source Symbol  Property Name Name Source Symbol  Property Name Name Source Library Source Symbol	Name

**Property Value** 

Property Value

E:\PCB\_DEV\GLOBAL\_LIB\CAPTURE\SLS\_GENERAL.OLB

AGND

GND\_SIGNAL

N16782377

Property Name

**Property Name** 

Source Symbol

Name

**Object** N16782377 : N16782377 (Wire ID = 16782412 )

Object

AGND

Object	Property Name	Property Value	1
	Name	AGND	j
AGND	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERA	L.OLB
	Source Symbol	GND_SIGNAL	j
Object	Property Name	Property Value	1
	Name	AGND	_
AGND	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERA	L.OLB
	Source Symbol	GND_SIGNAL	1
Object	Property Name	Property Value	1
<u> </u>	Name	VCC_5	1
VCC_5	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\L	IBRARY\CAPSYM
	Source Symbol	VCC BAR	1

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

Object	Property Name	Property Value
	Name	AGND
AGND	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.C
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
	Name	AGND
AGND	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.OL
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL
	Source Symbol	GND SIGNAL

Object	Property Name	Property Value	
	Name	VCC_5	
VCC_5	Source Library	D:\TOOLS\CADENCE\SPB_15.2\TOOLS\CAPTURE\L	IBRARY\CAPSYM.OLE
	Source Symbol	VCC_BAR	

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL
	Source Symbol	GND_SIGNAL

Object	Property Name	Property Value
AGND	Name	AGND
	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL
	Source Symbol	GND SIGNAL

Object	Property Name	Property Value
	Name	AGND
AGND	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.C
	Source Symbol	GND_SIGNAL
Object	Property Name	Property Value
Object	Name	AGND
AGND	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.
	Source Symbol	GND_SIGNAL
Object	Property Name	Property Value
	Name	AGND
AGND	Source Library	E:\PCB_DEV\GLOBAL_LIB\CAPTURE\SLS_GENERAL.(

Object	Property Name	Property Value	
	Name	TM2P1+	
TM2P1+:	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRAF	Y\CAPSYM.OLE
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
	Name	TM2P1-	
TM2P1-:	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRAF	Y\CAPSYM.OI
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
	Name	TM2P2+	
TM2P2+:	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRAF	Y\CAPSYM.OLB
	Source Symbol	OFFPAGELEFT-L	

Object	Property Name	Property Value	
	Name	TM2P2-	
TM2P2-:	Source Library	C:\CADENCE\SPB_15.5.1\TOOLS\CAPTURE\LIBRARY\CAF	PSYM.OL
	Source Symbol	OFFPAGEL FET-L	

Object	Property Name	Property Value
lv_tm2p1 :	Name	lv_tm2p1
	Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\C
	Source Symbol	OFFPAGELEFT-R

	Object	Property Name	Property Value	
	lv_tm2p2 :	Name	lv_tm2p2	
		Source Library	C:\CADENCE\SPB_17.2\TOOLS\CAPTURE\LIBRARY\C	CAPSYN
		Source Symbol	OFFPAGELEFT-R	

Object	Property Name	Property Value	1
	Path Name	general	7
	Schematic Path	1	1
	ID	1635	1
	Title	TEMPRATURE CH3 & CH4	7
	Page Count	12	1
	Page content	SCH-BH-MST219-2341-1A-01	
	Page Number	11	]
	Document Name	Motor Speed & Temperature card (BH-MST-219)	7
	Name	general	]
	Design Name	BH-MST-219-2352-1A-01	]
	Design File Name	C:\VISH RANA\PROJECT\BHEL METRO\BHEL DEV	LOPING\2023 BHEL\TR
	Design Create Date	Tuesday, December 26, 2023	]
	Design Modify Date	Wednesday, December 27, 2023	7
	Design Create Time	11:02:16	1
	Design Modify Time	17:51:00	7
	Schematic Name	SCHEMATIC1	7
	Schematic Create Date	Tuesday, December 26, 2023	1
	Schematic Modify Date	Wednesday, December 27, 2023	
general : general	Schematic Create Time	11:02:18	]
	Schematic Modify Time	17:51:02	7
	Schematic Page Count	0	
	Schematic Page Number	0	1
	Page Size	A4	7
	Page Create Date	Tuesday, December 26, 2023	7
	Page Modify Date	Wednesday, December 27, 2023	7
	Page Create Time	12:38:00	7
	Page Modify Time	17:49:58	7
	Source Library	C:\VISH RANA\LIB\ORCAD\TEMP1.OLB	7
	Source Symbol	general	
	Page Name	s_11_temp3 & 4	
	RevCode	1A	1
	Verified Date	27-SEP-23	7
	Designed Date	27-SEP-23	
	Drawn Date	27-SEP-23	1
	Verified By	CKR,HS	
	Drawn By	KSB	
	Designed By	KSB	1

Object	Property Name	Property Value
	Name	INS16782260
	ID	695
	Reference	D9
	Designator	
	Part Reference	D9
INS16782260 : D9	Value	1N4148W-7-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SOD_123

Object	Property Name	Property Value
	Name	ANODE
	Number	1
	Swap Id	-1
ANODE : D9/ANODE	Туре	Passive
	Net Name	VCC_5
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	2
	Swap Id	4
CATHODE : D9/CATHODE	Туре	Passive
	Net Name	N16782356
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16781960	
	ID	635	
	Reference	C6	
	Designator		
INS16781960 : C6	Part Reference	C6	
	Value	1n-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH3	
	PCB Footprint	SM_C_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : C6/1	Туре	Passive
	Net Name	N16781860
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	INS16782366
	ID	604
	Reference	C12
	Designator	
	Part Reference	C12
INS16782366 : C12	Value	1n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : C12/1	Туре	Passive
	Net Name	N16782269
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	INS16781865
	ID	641
	Reference	R7
	Designator	
	Part Reference	R7
INS16781865 : R7	Value	100K-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

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

Object	Property Name	Property Value
	Name	2
	Number	2
2:R7/2	Swap Id	-1
	Туре	Passive
	Net Name	lv_tm2p1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16782274
	ID	680
	Reference	R17
	Designator	
	Part Reference	R17
INS16782274 : R17	Value	100K-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

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

Object	Property Name	Property Value
	Name	2
	Number	2
2:R17/2	Swap Id	-1
	Туре	Passive
	Net Name	lv_tm2p2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781772
	ID	618
	Reference	TP1
	Designator	
	Part Reference	TP1
	Value	TP
INS16781772 : TP1	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	TP_20D_40A
	Filename	

Object	Property Name	Property Value
	Name	TP
	Number	1
TP:TP1/TP	Swap Id	-1
	Туре	Passive
	Net Name	lv_tm2p1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781873
	ID	725
	Reference	D4
	Designator	
	Part Reference	D4
INS16781873 : D4	Value	1N4148W-7-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SOD_123

Object	Property Name	Property Value
	Name	ANODE
	Number	1
	Swap Id	-1
ANODE : D4/ANODE	Туре	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
	Туре	Passive
	Net Name	N16781957
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16782079
	ID	620
	Reference	R12
	Designator	
	Part Reference	R12
INS16782079 : R12	Value	330K-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1:R12/1	Swap Id	4
	Туре	Passive
	Net Name	N16782059
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value	
	Name	INS16781676	
	ID	731	
	Reference	R2	
	Designator		
	Part Reference	R2	
INS16781676: R2	Value	330K-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH3	
	PCB Footprint	SM_R_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R2/1	Туре	Passive
	Net Name	N16781656
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
_	Name	INS16782386
	ID	647
	Reference	R20
	Designator	
	Part Reference	R20
INS16782386 : R20	Value	2K-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R20/1	Туре	Passive
	Net Name	N16782377
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R20/2	Туре	Passive
	Net Name	N16782375
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781985
	ID	644
	Reference	R10
	Designator	
	Part Reference	R10
INS16781985 : R10	Value	2K-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1:R10/1	Swap Id	-1
	Туре	Passive
	Net Name	N16781971
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R10/2	Туре	Passive
	Net Name	N16781969
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16782182
	ID	686
	Reference	U3
	Designator	
	Part Reference	U3
INS16782182 : U3	Value	INA326EA/250-VSSOP8
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	vssop_8

Object	Property Name	Property Value
	Name	R1_8
	Number	8
	Swap Id	-1
R1_8 : U3/R1_8	Туре	Passive
	Net Name	N16782377
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	-V
	Number	4
	Swap Id	-1
-V : U3/-V	Туре	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	VOUT
VOUT : U3/VOUT	Number	6
	Swap Id	-1
	Туре	Passive
	Net Name	N16782243
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	+VIN
	Number	3
	Swap Id	-1
+VIN: U3/+VIN	Туре	Passive
	Net Name	N16782269
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	-VIN
	Number	2
-VIN : U3/-VIN	Swap Id	-1
	Туре	Passive
	Net Name	N16782138
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	R2
	Number	5
	Swap Id	-1
R2: U3/R2	Туре	Passive
	Net Name	N16782059
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	+V
	Number	7
	Swap Id	-1
+V : U3/+V	Туре	Passive
	Net Name	VCC_5
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	R1_1
	Number	1
	Swap Id	-1
R1_1 : U3/R1_1	Туре	Passive
	Net Name	N16782375
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781779
	ID	746
	Reference	U1
	Designator	
	Part Reference	U1
INS16781779 : U1	Value	INA326EA/250-VSSOP8
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	vssop_8

Object	Property Name	Property Value
	Name	R1_8
	Number	8
	Swap Id	-1
R1_8 : U1/R1_8	Туре	Passive
	Net Name	N16781971
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	-V
	Number	4
	Swap Id	-1
-V : U1/-V	Туре	Passive
	Net Name	AGND
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	VOUT
	Number	6
	Swap Id	-1
VOUT : U1/VOUT	Туре	Passive
	Net Name	N16781840
	Order	2
	Is No Connect	False

Object	Property Name	Property Value
	Name	+VIN
+VIN : U1/+VIN	Number	3
	Swap Id	-1
	Туре	Passive
	Net Name	N16781860
	Order	3
	Is No Connect	False

Object	Property Name	Property Value
	Name	-VIN
	Number	2
	Swap Id	-1
-VIN : U1/-VIN	Туре	Passive
	Net Name	N16781735
	Order	4
	Is No Connect	False

Object	Property Name	Property Value
	Name	R2
	Number	5
R2: U1/R2	Swap Id	-1
	Туре	Passive
	Net Name	N16781656
	Order	5
	Is No Connect	False

Object	Property Name	Property Value
	Name	+V
	Number	7
+V: U1/+V	Swap Id	-1
	Туре	Passive
	Net Name	VCC_5
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	R1_1
	Number	1
	Swap Id	-1
R1_1: U1/R1_1	Туре	Passive
	Net Name	N16781969
	Order	7
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16782291
	ID	734
	Reference	R18
	Designator	
	Part Reference	R18
INS16782291 : R18	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R18/1	Туре	Passive
	Net Name	temp8_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R18/2	Swap Id	-1
	Туре	Passive
	Net Name	TM2P2+
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16781890	
	ID	629	
	Reference	R8	
	Designator		
	Part Reference	R8	
INS16781890 : R8	Value	0R-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH3	Ü
	PCB Footprint	SM_R_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R8/1	Туре	Passive
	Net Name	temp6_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : R8/2	Swap Id	-1
	Туре	Passive
	Net Name	TM2P1+
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16782092	
	ID	595	
	Reference	C9	
	Designator		
	Part Reference	C9	
INS16782092 : C9	Value	1n-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH3	
	PCB Footprint	SM_C_0603	

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

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2:C9/2	Туре	Passive
	Net Name	N16782138
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781689
	ID	719
	Reference	C3
	Designator	
	Part Reference	C3
INS16781689 : C3	Value	1n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
	Name	2
	Number	2
2:C3/2	Swap Id	-1
	Туре	Passive
	Net Name	N16781735
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781793
	ID	598
	Reference	D2
	Designator	
	Part Reference	D2
INS16781793 : D2	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	do_214ab

Object	Property Name	Property Value
	Name	ANODE
	Number	1
	Swap Id	-1
ANODE : D2/ANODE	Туре	Passive
	Net Name	TM2P1+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	2
	Swap Id	-1
CATHODE : D2/CATHODE	Туре	Passive
	Net Name	TM2P1-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16782198
	ID	704
	Reference	D7
	Designator	
	Part Reference	D7
INS16782198 : D7	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	do_214ab

Object	Property Name	Property Value
	Name	ANODE
	Number	1
ANODE : D7/ANODE	Swap Id	-1
	Туре	Passive
	Net Name	TM2P2+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	2
CATHODE : D7/CATHODE	Swap Id	-1
	Туре	Passive
	Net Name	TM2P2-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16782299	
	ID	632	
	Reference	R19	
	Designator		
INS16782299 : R19	Part Reference	R19	
	Value	10K-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH3	
	PCB Footprint	SM_R_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
1:R19/1	Swap Id	-1
	Туре	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
	Туре	Passive
	Net Name	temp8_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781898
	ID	674
	Reference	R9
	Designator	
	Part Reference	R9
INS16781898 : R9	Value	10K-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1:R9/1	Swap Id	-1
	Туре	Passive
	Net Name	N16781860
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2:R9/2	Туре	Passive
	Net Name	temp6_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781801
	ID	662
	Reference	D3
	Designator	
	Part Reference	D3
INS16781801 : D3	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	do_214ab

Object	Property Name	Property Value
	Name	ANODE
	Number	1
ANODE : D3/ANODE	Swap Id	-1
	Туре	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
	Туре	Passive
	Net Name	TM2P1-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16782206
	ID	650
	Reference	D8
	Designator	
	Part Reference	D8
INS16782206 : D8	Value	SMDJ18CA-DO-214AB
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	do_214ab

Object	Property Name	Property Value
	Name	ANODE
	Number	1
	Swap Id	-1
ANODE : D8/ANODE	Туре	Passive
	Net Name	TM2P2+
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	CATHODE
	Number	2
	Swap Id	-1
CATHODE : D8/CATHODE	Туре	Passive
	Net Name	TM2P2-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16782307
	ID	668
	Reference	C11
	Designator	
	Part Reference	C11
INS16782307 : C11	Value	1u-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
	Name	2
	Number	2
2 : C11/2	Swap Id	-1
	Туре	Passive
	Net Name	lv_tm2p2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16781906	
	ID	626	
	Reference	C5	
	Designator		
INS16781906 : C5	Part Reference	C5	
	Value	1u-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH3	
	PCB Footprint	SM_C_0603	

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

Object	Property Name	Property Value
	Name	2
	Number	2
2:C5/2	Swap Id	-1
	Туре	Passive
	Net Name	lv_tm2p1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781604
	ID	671
	Reference	R1
	Designator	
	Part Reference	R1
INS16781604 : R1	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R1/1	Туре	Passive
	Net Name	TM2P1-
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	INS16782113
	ID	592
	Reference	R13
	Designator	
	Part Reference	R13
INS16782113 : R13	Value	91R-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1 : R13/1	Swap Id	-1
	Туре	Passive
	Net Name	N16782170
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R13/2	Туре	Passive
	Net Name	TM2P2-
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16782315
	ID	701
	Reference	D10
	Designator	
	Part Reference	D10
INS16782315 : D10	Value	SD103AW-13-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	PCB Footprint	SOD_123
	Room	Temp_CH3

Object	Property Name	Property Value
	Name	A
	Number	1
	Swap Id	-1
A: D10/A	Туре	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	K
	Number	2
	Swap Id	-1
K : D10/K	Туре	Passive
	Net Name	lv_tm2p2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781710
	ID	665
	Reference	R3
	Designator	
	Part Reference	R3
INS16781710 : R3	Value	91R-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R3/1	Туре	Passive
	Net Name	N16781760
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R3/2	Туре	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></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH3	
	PCB Footprint	SM_R_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R6/1	Туре	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
	Туре	Passive
	Net Name	lv_tm2p1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781914
	ID	656
	Reference	D5
	Designator	
	Part Reference	D5
INS16781914 : D5	Value	SD103AW-13-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SOD_123

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

Object	Property Name	Property Value
	Name	K
	Number	2
	Swap Id	-1
K: D5/K	Туре	Passive
	Net Name	lv_tm2p1
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781612
	ID	722
	Reference	C1
	Designator	
	Part Reference	C1
INS16781612 : C1	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : C1/2	Туре	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16782016
	ID	623
	Reference	R11
	Designator	
	Part Reference	R11
INS16782016 : R11	Value	0R-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1:R11/1	Туре	Passive
	Net Name	TM2P2-
	Order	0
	Is No Connect	False

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

Object	Property Name	Property Value
	Name	INS16782220
	ID	615
	Reference	R16
	Designator	
	Part Reference	R16
INS16782220 : R16	Value	100R-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value	
	Name	1	
	Number	1	
1:R16/1	Swap Id	-1	
	Туре	Passive	
	Net Name	N16782243	
	Order	0	
	Is No Connect	False	

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : R16/2	Туре	Passive
	Net Name	lv_tm2p2
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16782121	
	ID	601	
	Reference	R14	
	Designator		
	Part Reference	R14	
INS16782121 : R14	Value	5R9-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH3	
	PCB Footprint	SM_R_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R14/1	Туре	Passive
	Net Name	temp7_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R14/2	Swap Id	-1
	Туре	Passive
	Net Name	N16782170
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781718
	ID	707
	Reference	R4
	Designator	
	Part Reference	R4
INS16781718 : R4	Value	5R9-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_R_0603

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R4/1	Туре	Passive
	Net Name	temp5_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2:R4/2	Туре	Passive
	Net Name	N16781760
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16782024
	ID	589
	Reference	C7
	Designator	
	Part Reference	C7
INS16782024 : C7	Value	100n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : C7/2	Туре	Passive
	Net Name	VCC_5
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781622
	ID	612
	Reference	C2
	Designator	
	Part Reference	C2
INS16781622 : C2	Value	500p-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

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

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : C2/2	Туре	Passive
	Net Name	N16781656
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16782323
	ID	737
	Reference	U4
	Designator	
	Part Reference	U4
INS16782323 : U4	Value	REF200AU/2K5-SOIC8
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	soic_8

Object	Property Name	Property Value
	Name	I1_L
	Number	1
	Swap Id	4
I1_L : U4/I1_L	Туре	Passive
	Net Name	temp7_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	12_L
	Number	2
12_L : U4/I2_L	Swap Id	-1
	Туре	Passive
	Net Name	temp8_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	MIR_COM
	Number	3
MIR_COM: U4/MIR_COM	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	2
	Is No Connect	True

Object	Property Name	Property Value
	Name	MIR_O/P
	Number	4
	Swap Id	-1
MIR_O/P : U4/MIR_O/P	Туре	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
	Name	MIR_I/P
	Number	5
	Swap Id	-1
MIR_I/P : U4/MIR_I/P	Туре	Passive
	Net Name	
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
	Name	SUBTRATE
	Number	6
SUBTRATE: U4/SUBTRATE	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
	Name	I2_H
	Number	7
	Swap Id	-1
I2_H : U4/I2_H	Туре	Passive
	Net Name	N16782356
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
	Name	I1_H
	Number	8
	Swap Id	-1
I1_H : U4/I1_H	Туре	Passive
	Net Name	N16782356
	Order	7
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16782129	
	ID	653	
	Reference	R15	
	Designator		
INS16782129 : R15	Part Reference	R15	
	Value	10K-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH3	
	PCB Footprint	SM_R_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : R15/1	Туре	Passive
	Net Name	N16782138
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2:R15/2	Swap Id	-1
	Туре	Passive
	Net Name	temp7_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16781726	
	ID	728	
	Reference	R5	
	Designator		
	Part Reference	R5	
INS16781726 : R5	Value	10K-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH3	
	PCB Footprint	SM_R_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1: R5/1	Туре	Passive
	Net Name	N16781735
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2:R5/2	Туре	Passive
	Net Name	temp5_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value	
	Name	INS16782234	
	ID	638	
	Reference	C10	
	Designator		
	Part Reference	C10	
INS16782234 : C10	Value	10n-0603	
	Primitive	DEFAULT	
	Implementation Type	<none></none>	
	Implementation		
	Implementation Path		
	Room	Temp_CH3	Ĩ
	PCB Footprint	SM_C_0603	

Object	Property Name	Property Value
	Name	1
	Number	1
1 : C10/1	Swap Id	-1
	Туре	Passive
	Net Name	N16782138
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : C10/2	Туре	Passive
	Net Name	N16782269
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781831
	ID	677
	Reference	C4
	Designator	
	Part Reference	C4
INS16781831 : C4	Value	10n-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
	Name	1
	Number	1
	Swap Id	-1
1 : C4/1	Туре	Passive
	Net Name	N16781735
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
	Swap Id	-1
2 : C4/2	Туре	Passive
	Net Name	N16781860
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16782034
	ID	683
	Reference	C8
	Designator	
	Part Reference	C8
INS16782034 : C8	Value	500p-0603
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SM_C_0603

Object	Property Name	Property Value
	Name	1
	Number	1
1: C8/1	Swap Id	4
	Туре	Passive
	Net Name	AGND
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	2
	Number	2
2 : C8/2	Swap Id	-1
	Туре	Passive
	Net Name	N16782059
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
-	Name	INS16782142
	ID	698
	Reference	D6
	Designator	
INS16782142 : D6	Part Reference	D6
	Value	SD103AW-13-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SOD_123

Object	Property Name	Property Value
	Name	Α
	Number	1
	Swap Id	-1
A : D6/A	Туре	Passive
	Net Name	lv_tm2p2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	K
	Number	2
K : D6/K	Swap Id	-1
	Туре	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781739
	ID	609
	Reference	D1
	Designator	
	Part Reference	D1
INS16781739 : D1	Value	SD103AW-13-F-SOD123
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	SOD_123

Object	Property Name	Property Value
	Name	Α
	Number	1
	Swap Id	-1
A : D1/A	Туре	Passive
	Net Name	lv_tm2p1
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	K
	Number	2
	Swap Id	-1
K : D1/K	Туре	Passive
	Net Name	VCC_3_3
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	INS16781937
	ID	710
	Reference	U2
	Designator	
	Part Reference	U2
INS16781937 : U2	Value	REF200AU/2K5-SOIC8
	Primitive	DEFAULT
	Implementation Type	<none></none>
	Implementation	
	Implementation Path	
	Room	Temp_CH3
	PCB Footprint	soic_8

Object	Property Name	Property Value
	Name	I1_L
	Number	1
	Swap Id	-1
I1_L : U2/I1_L	Туре	Passive
	Net Name	temp5_I
	Order	0
	Is No Connect	False

Object	Property Name	Property Value
	Name	12_L
	Number	2
	Swap Id	-1
I2_L : U2/I2_L	Туре	Passive
	Net Name	temp6_I
	Order	1
	Is No Connect	False

Object	Property Name	Property Value
	Name	MIR_COM
	Number	3
	Swap Id	-1
MIR_COM : U2/MIR_COM	Туре	Passive
	Net Name	
	Order	2
	Is No Connect	True

Object	Property Name	Property Value
	Name	MIR_O/P
	Number	4
MIR_O/P : U2/MIR_O/P	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	3
	Is No Connect	True

Object	Property Name	Property Value
	Name	MIR_I/P
	Number	5
	Swap Id	-1
MIR_I/P : U2/MIR_I/P	Туре	Passive
	Net Name	
	Order	4
	Is No Connect	True

Object	Property Name	Property Value
SUBTRATE : U2/SUBTRATE	Name	SUBTRATE
	Number	6
	Swap Id	-1
	Туре	Passive
	Net Name	
	Order	5
	Is No Connect	True

Object	Property Name	Property Value
I2_H: U2/I2_H	Name	12_H
	Number	7
	Swap Id	-1
	Туре	Passive
	Net Name	N16781957
	Order	6
	Is No Connect	False

Object	Property Name	Property Value
11_H: U2/I1_H	Name	И_H
	Number	8
	Swap Id	-1
	Туре	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></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	4
	Туре	Passive
	Net Name	lv_tm2p2
	Order	0
	Is No Connect	False

Object	Property Name	Property Value	
	Path Name	general	
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	Drawn By	KSB	
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