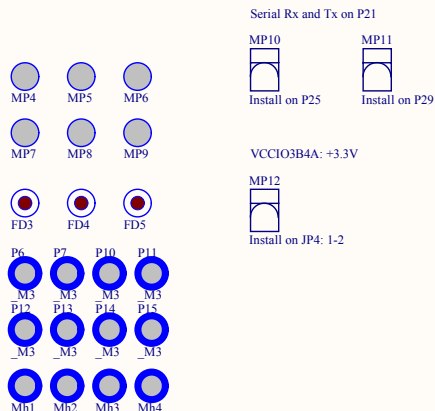


M100PF Evaluation Platform (EVP)

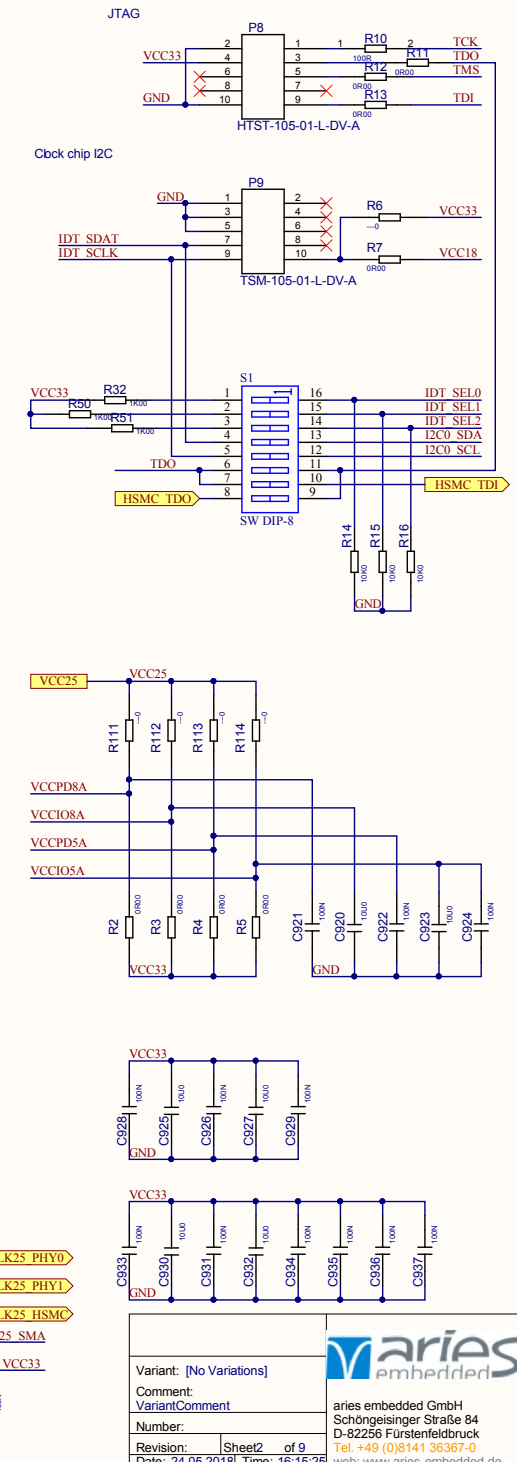
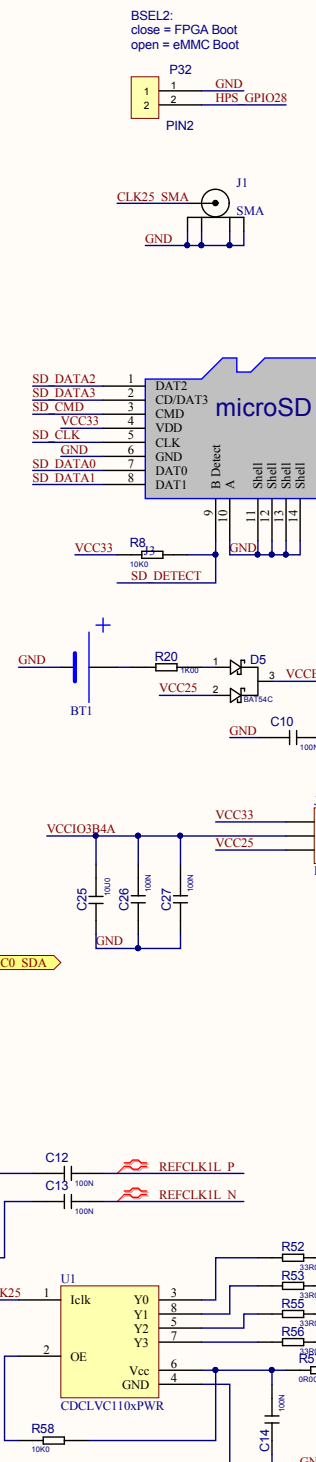
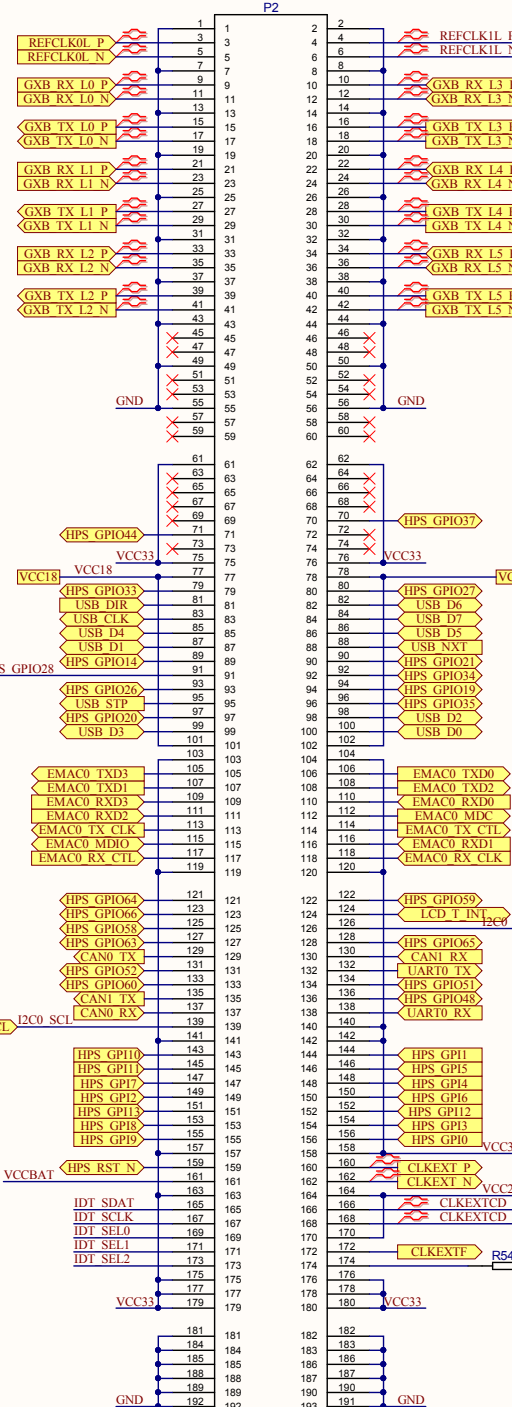
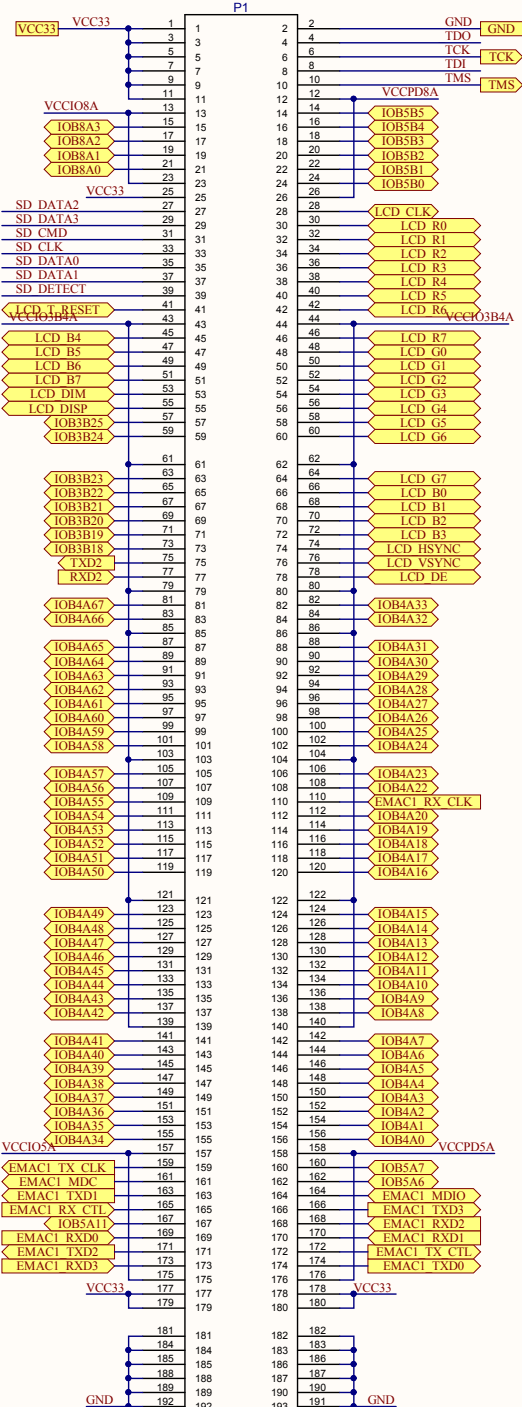
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3	RS-232 and CAN-bus interfaces
4	USB transceiver
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6	Ethernet PHY 1
7	LCD connector, touch controller
8	HSMC and Pmod extension connectors
9	Power



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Variant: [No Variations]		
Comment: VariantComment		
Number:		
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module connectors



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 VariantComment
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 File: Connector SchDoc

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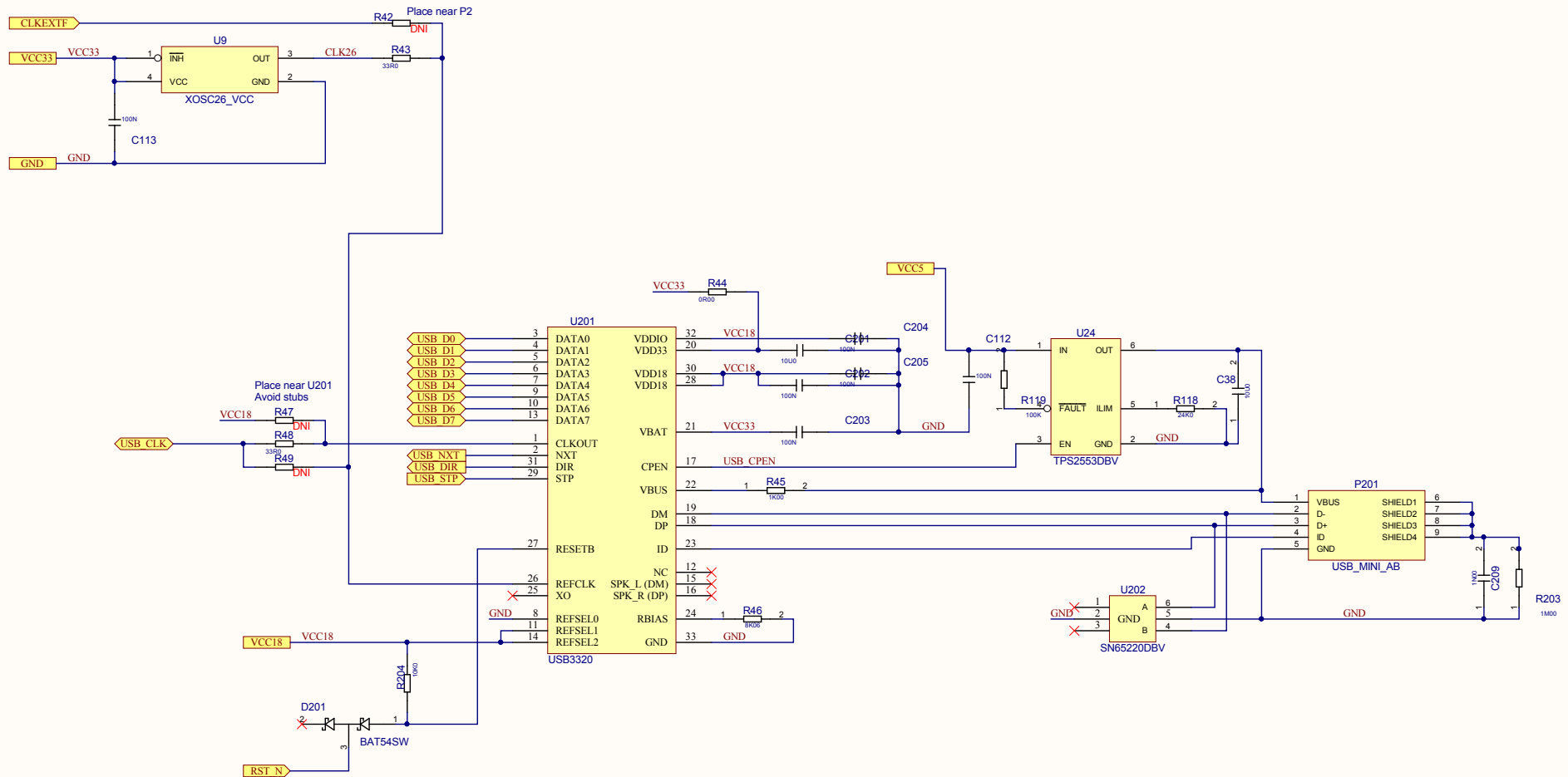
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C

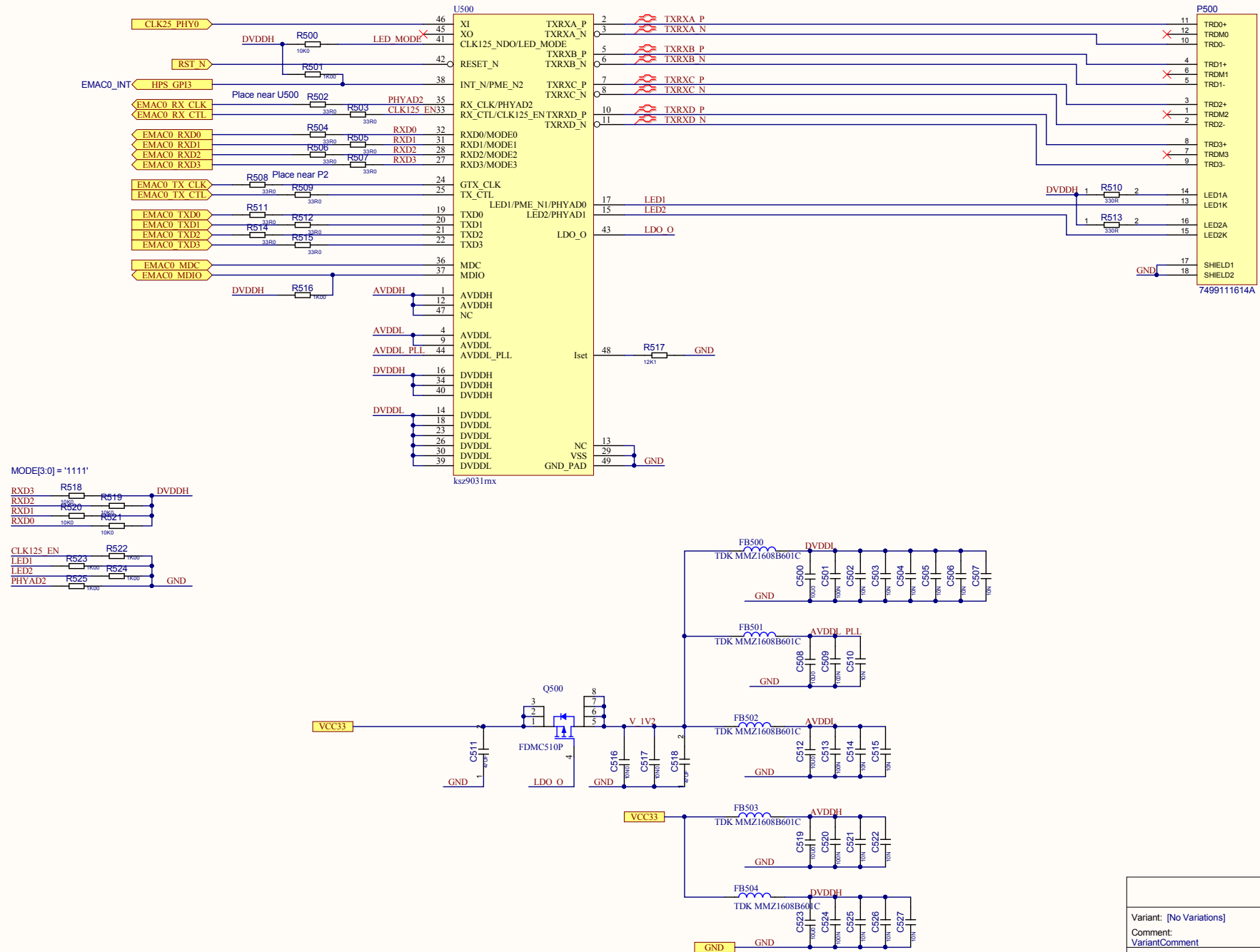


USB Interface

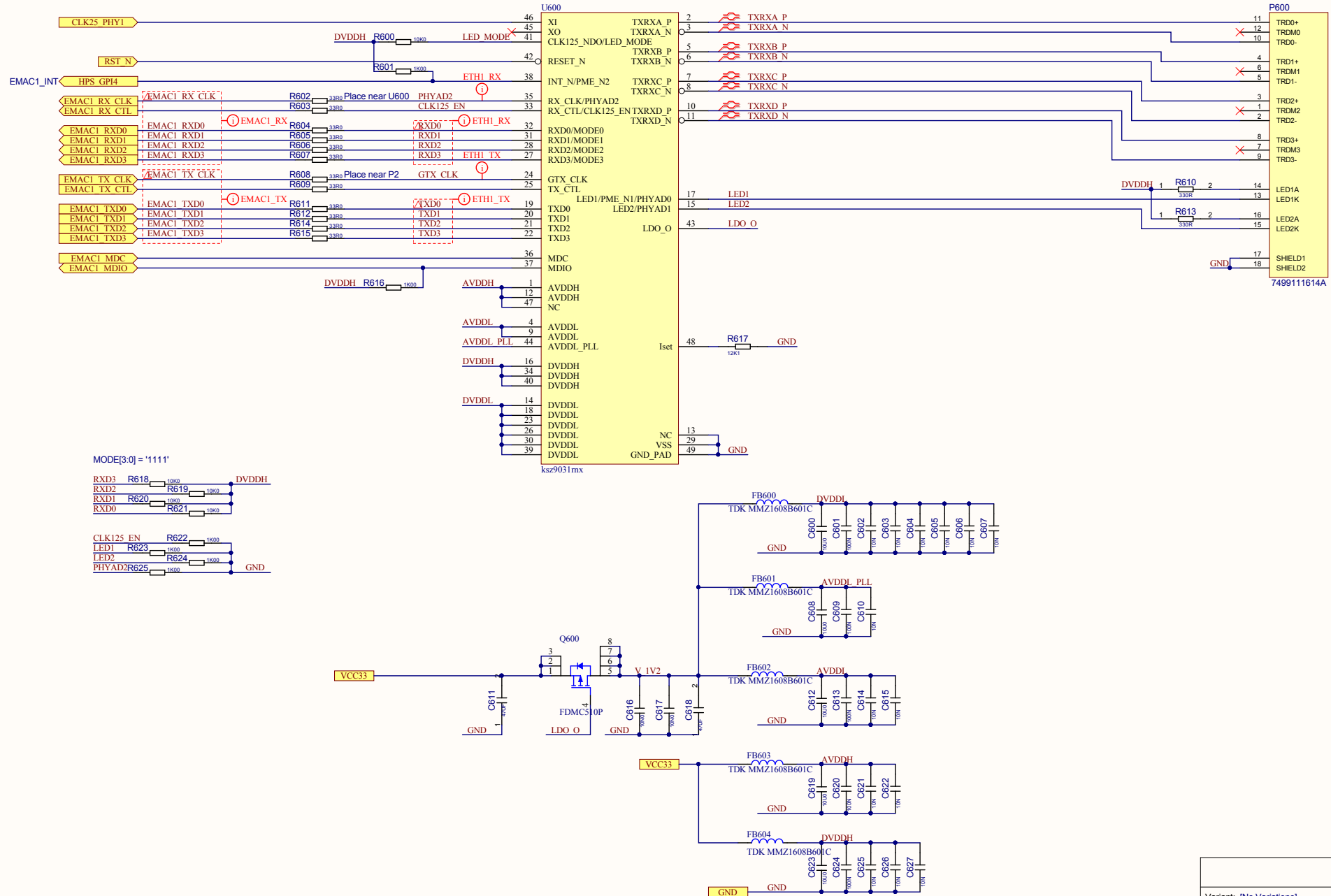


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Revision:	Sheet4 of 9	
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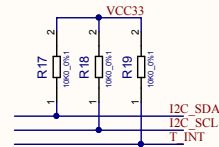
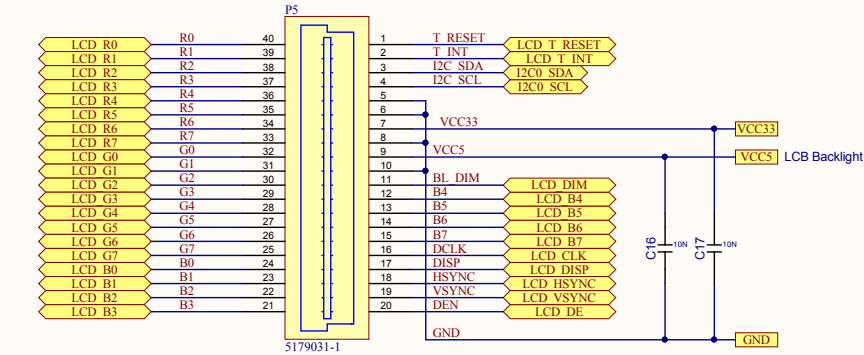
Gigabit Ethernet Phy 0



Gigabit Ethernet Phy 1

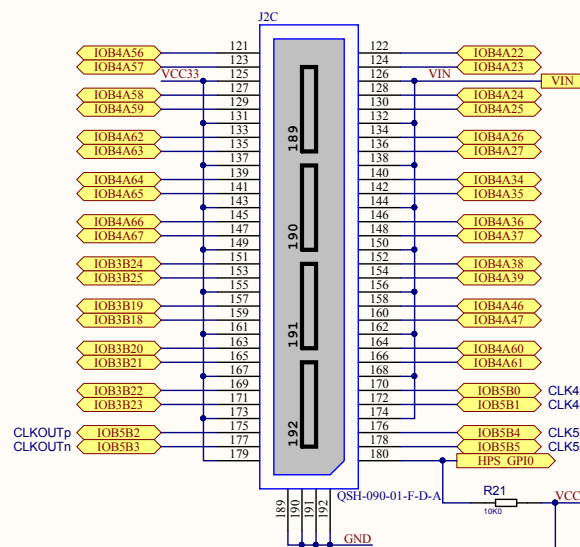
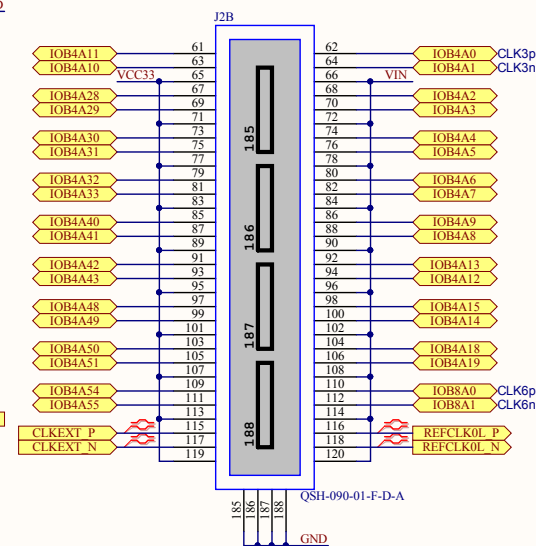
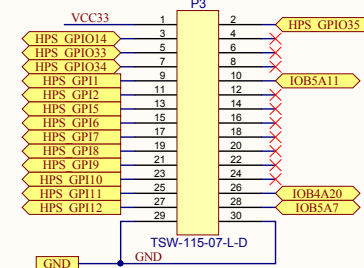
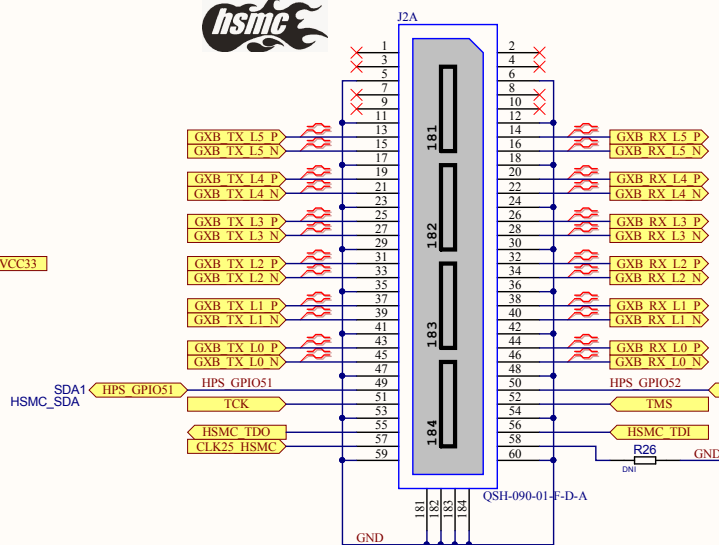
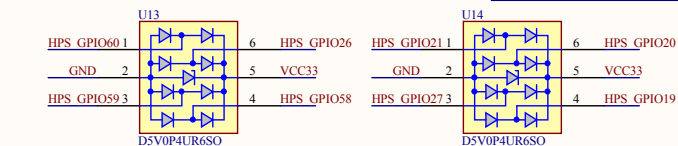
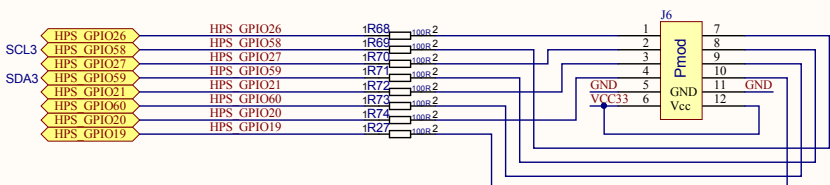
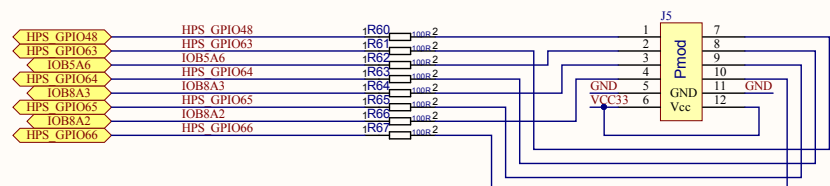
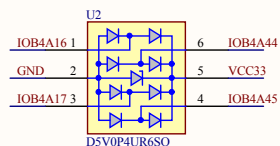
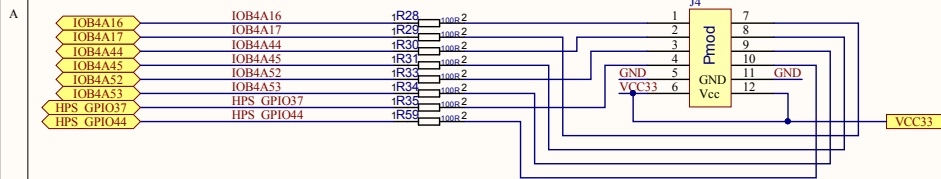


TFT Interface and Touch Controller



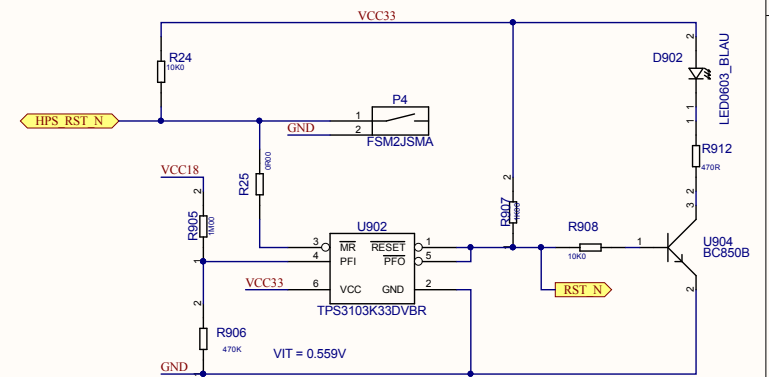
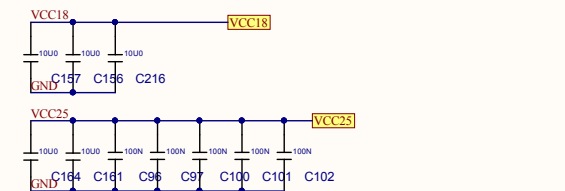
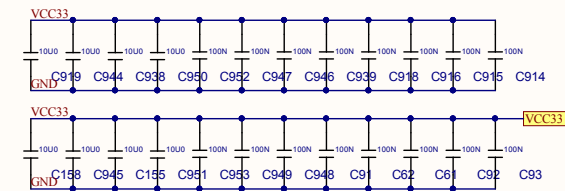
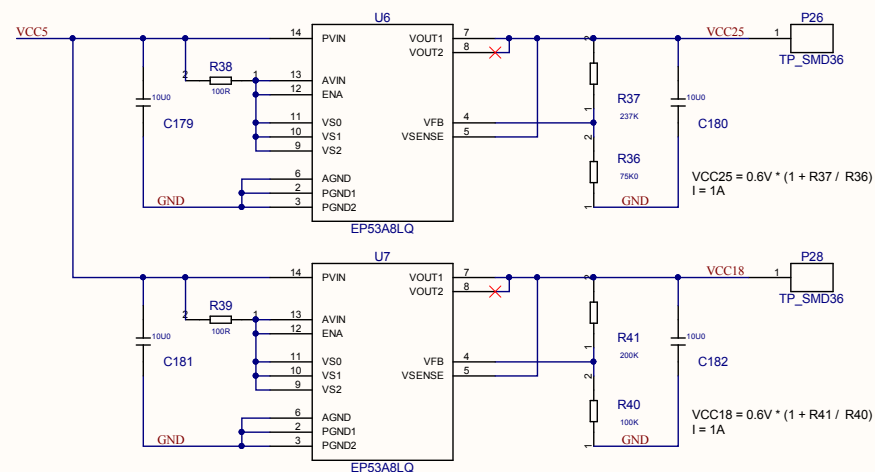
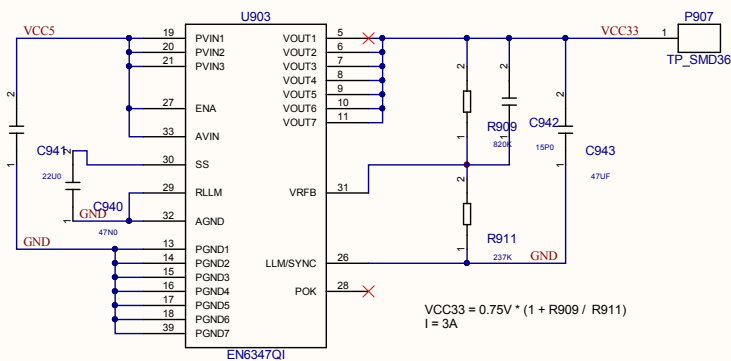
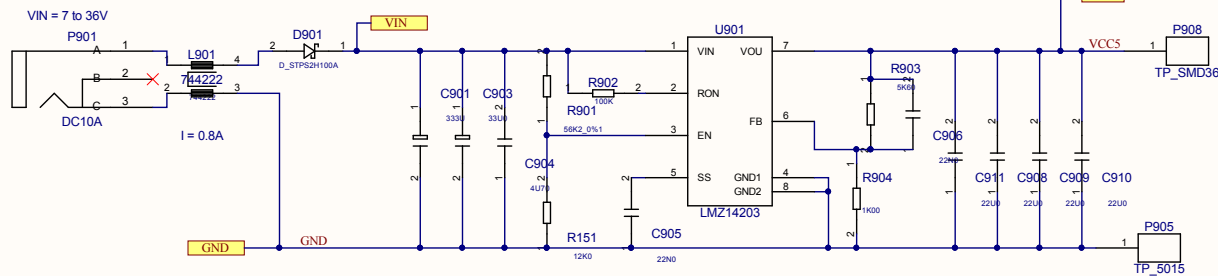
Extension Connectors

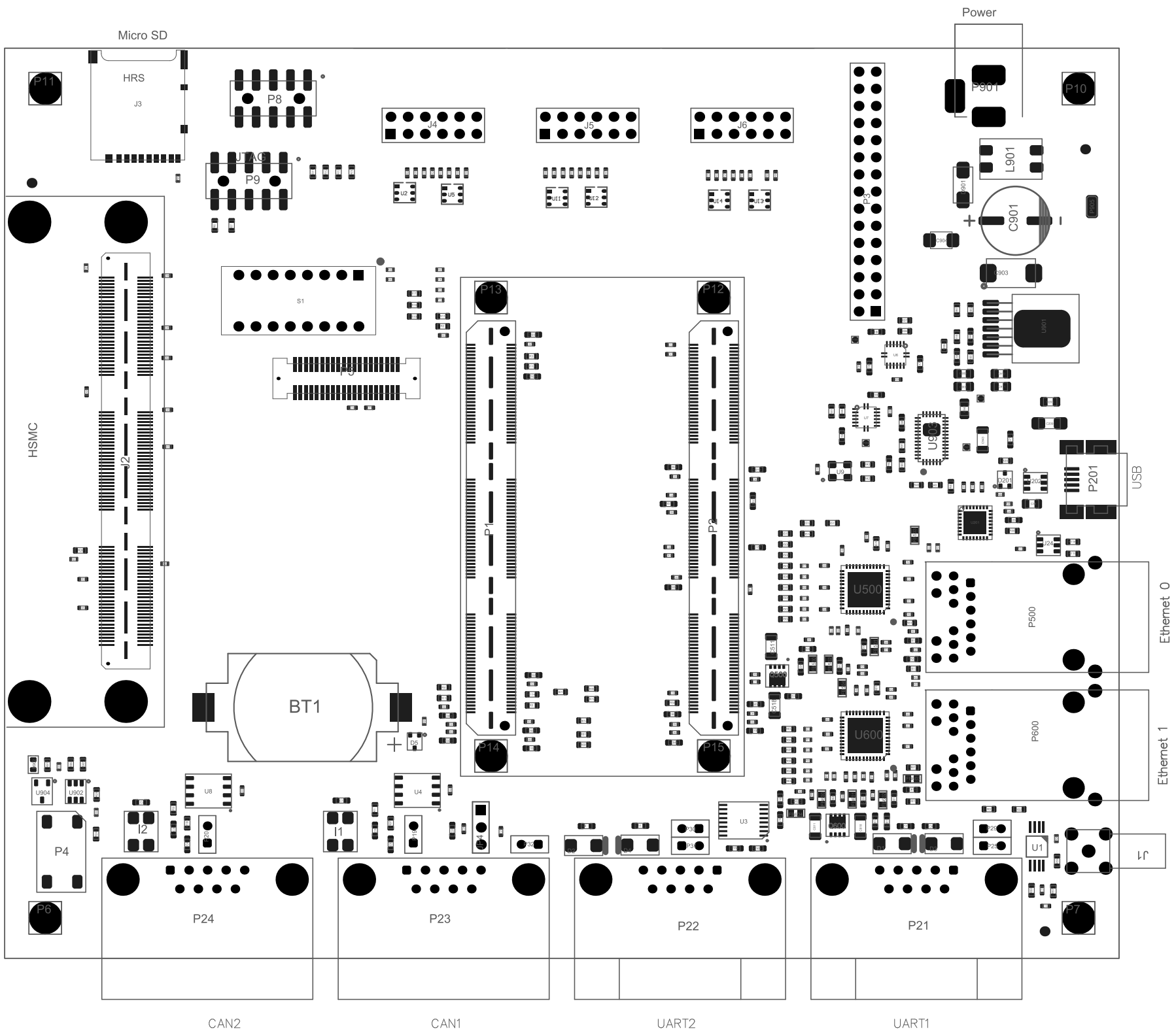
Pmod
Peripheral Modules



Variant: [No Variations]	
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Number:	
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Date:	24.05.2018 Time: 16:15:25
File:	Extensions.SchDoc

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Micro SD

P11

HRS
J3

P8

J4

J5

J6

P9

U2

U11

U14

P901

P10

L901

C901

P903

U801

HSMC

J2

S1

P13

P13

P12

P14

P15

BT1

U500

U600

P500

P600

USB

Ethernet 0

Ethernet 1

U904

P4

P6

I2

U8

P24

I1

U4

P23

U3

P22

P3

P21

U1

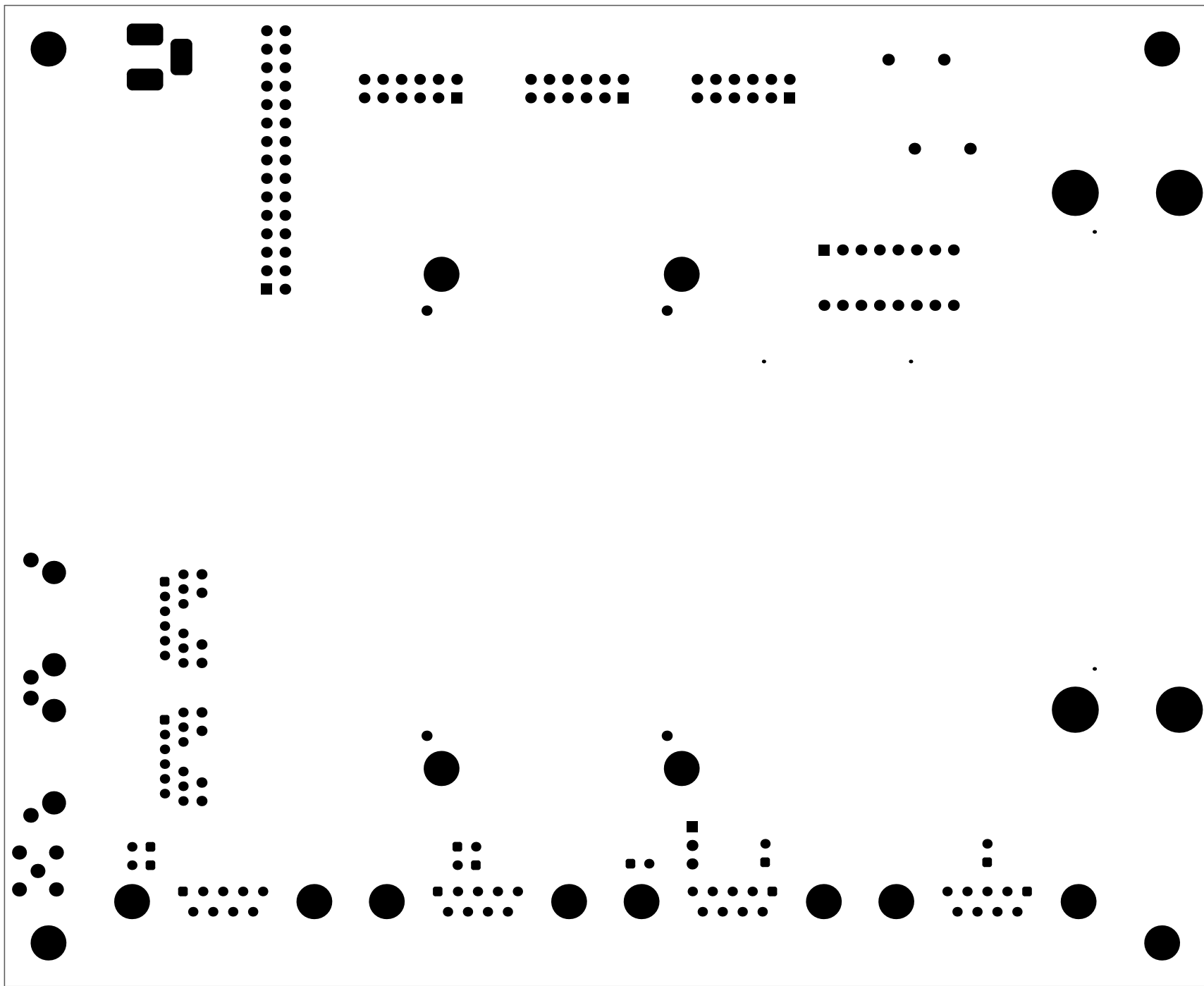
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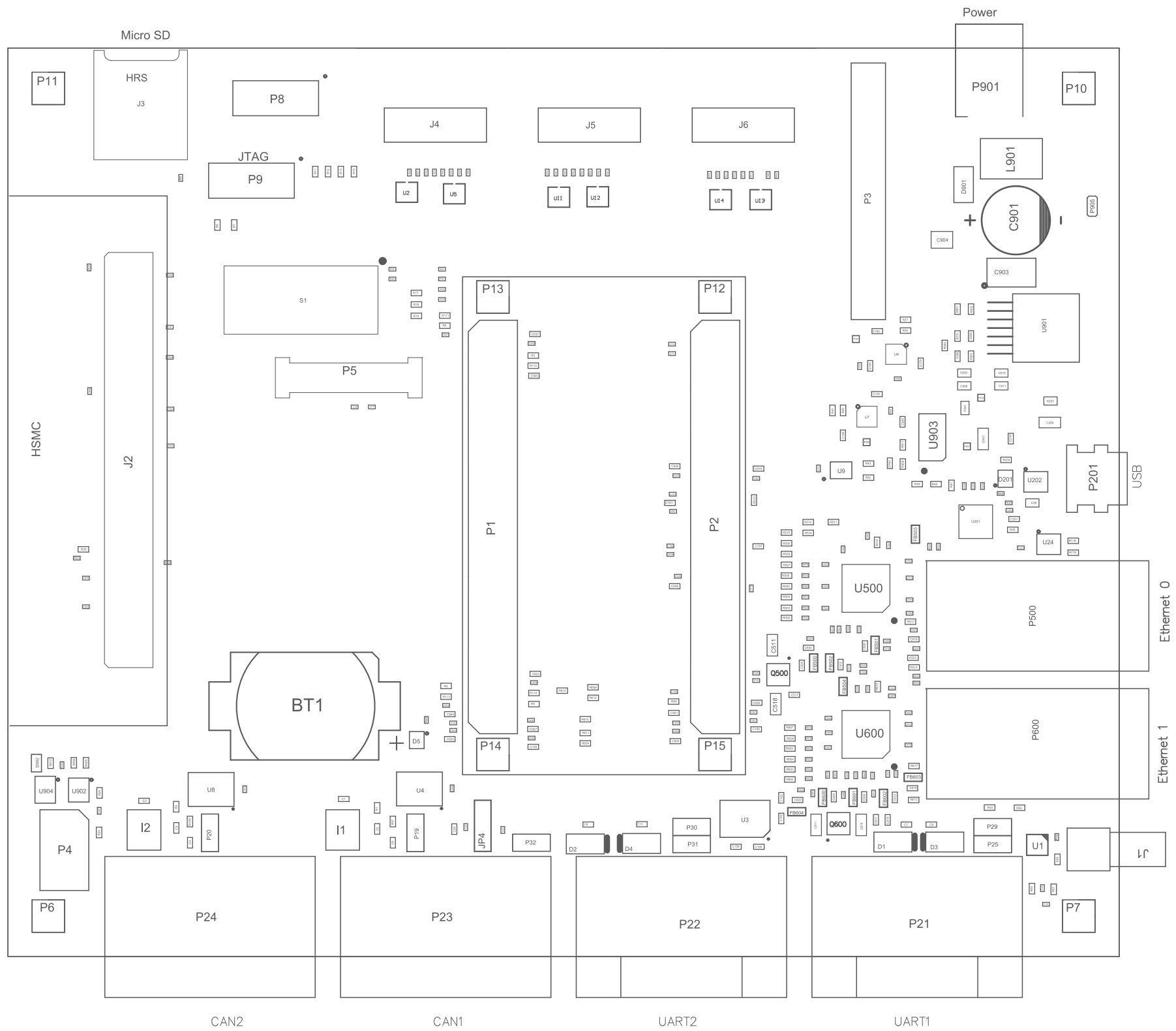
CAN2

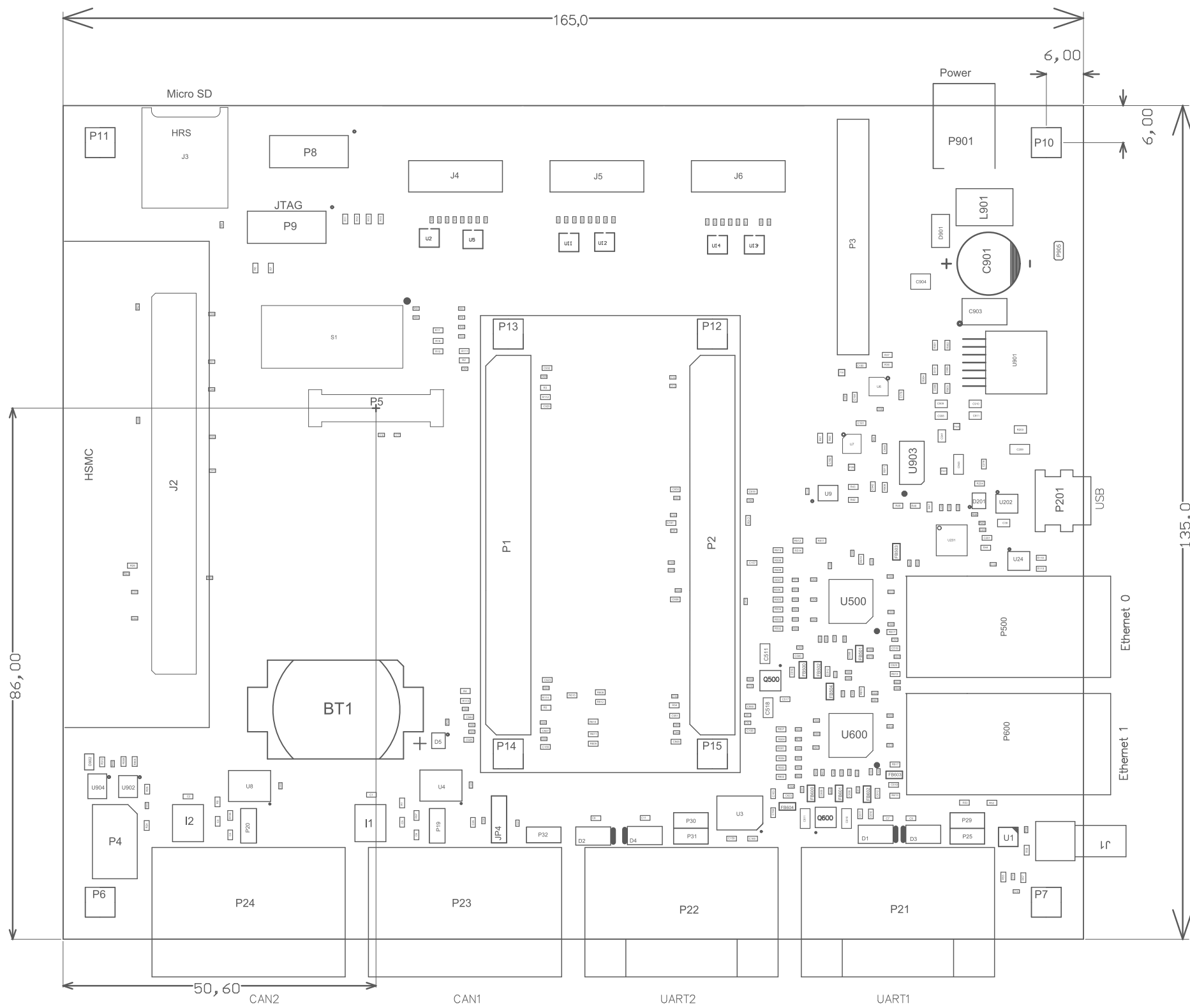
CAN1

UART2

UART1



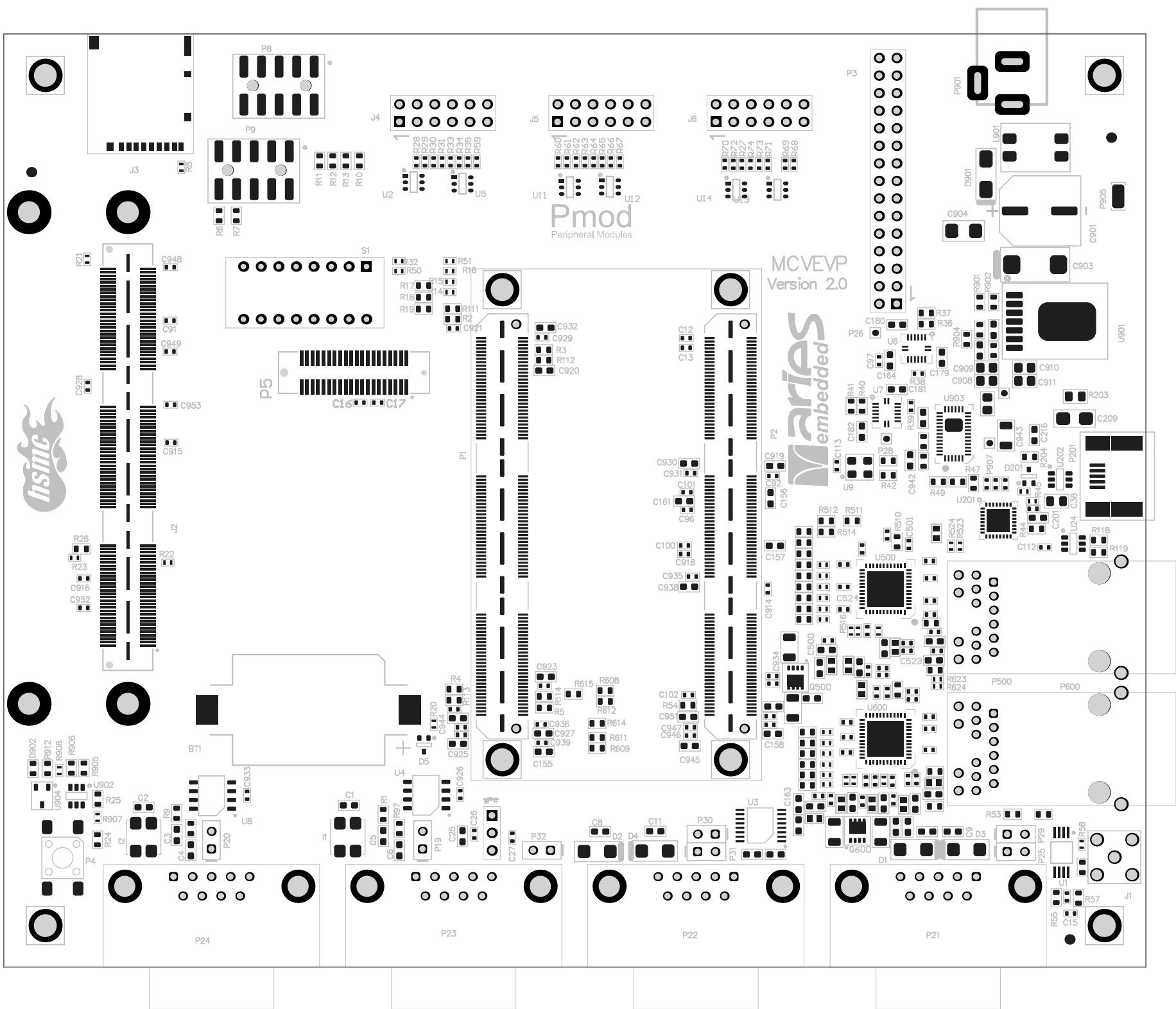


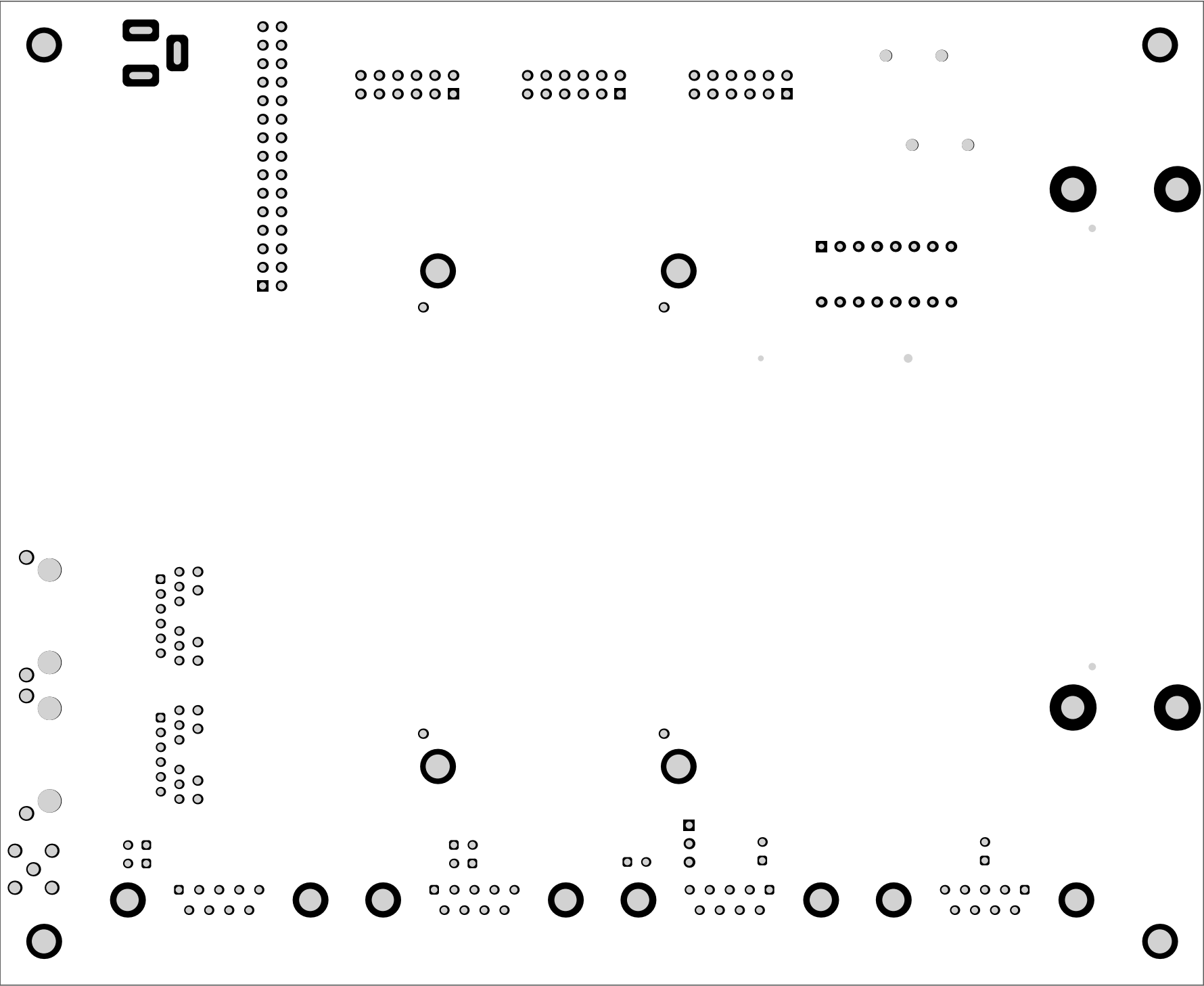


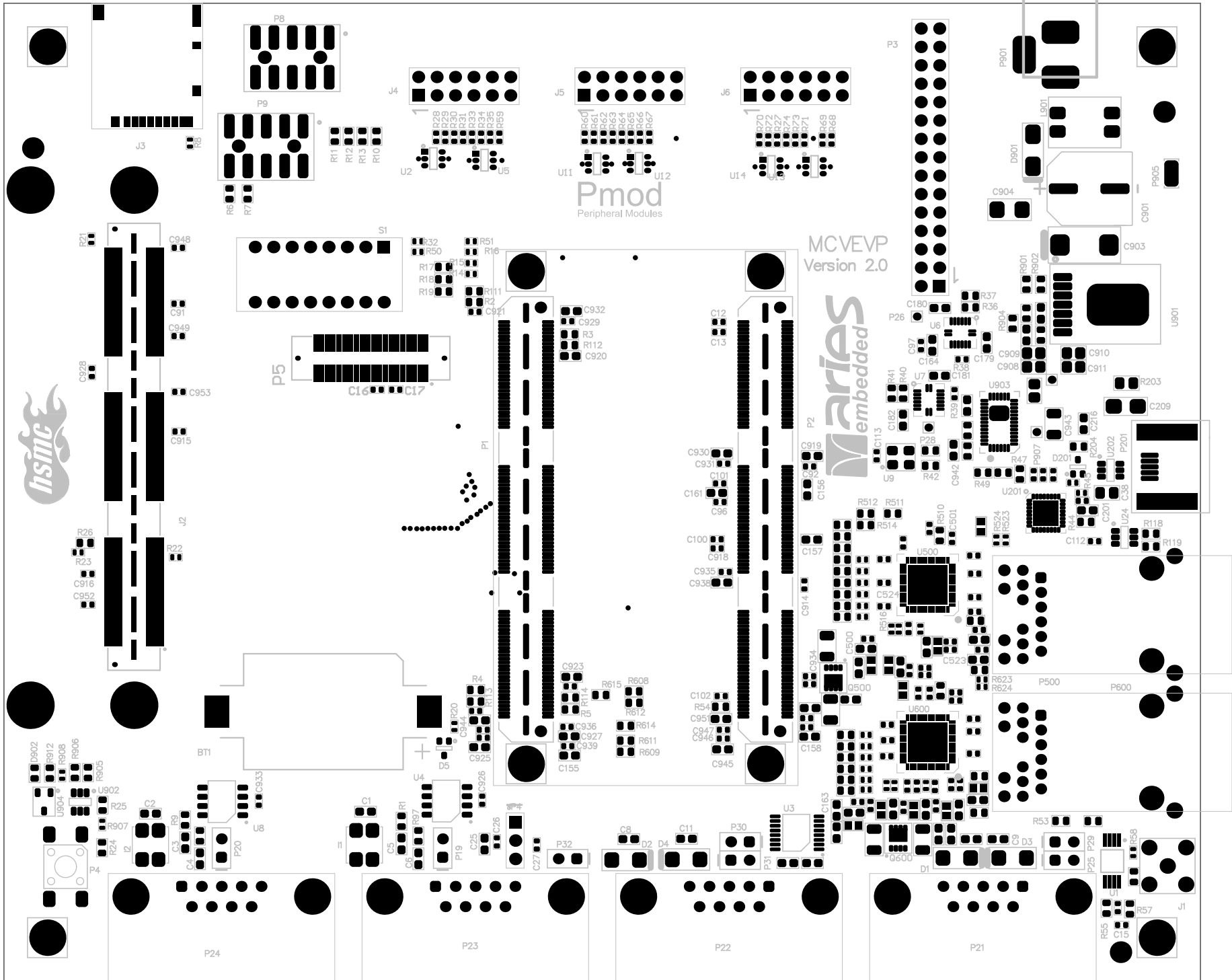


Pmod
Peripheral Modules

MCVEVP
Version 2.0



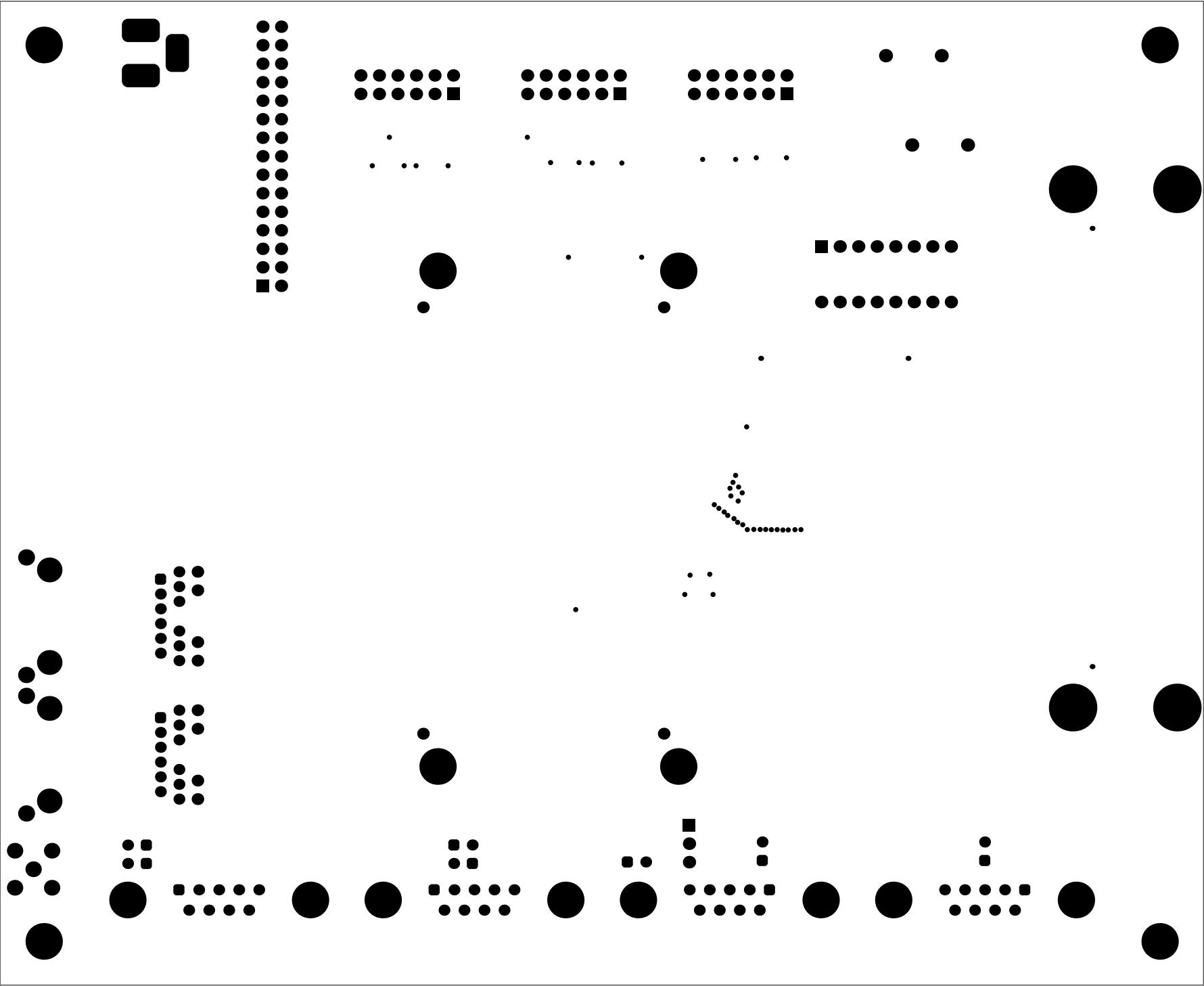




Pmod
Peripheral Modules

MCVEVP
Version 2.0





DRILL TABLE

Symbol	Hit Count	Tool Size	Physical Length	Rout Path Length	Plated	Hole Type	Tolerance (mm)
○	1354	0.25mm (9.842mil)			PTH	Round	+0.00/-0.250
⊛	16	0.8mm (31.496mil)			PTH	Round	+/-0.08
□	1	0.8mm (31.496mil)			NPTH	Round	+/-0.08
▽	74	0.914mm (36mil)			PTH	Round	+/-0.08
☆	69	0.965mm (37.992mil)			PTH	Round	+/-0.08
○	12	1.016mm (40mil)			PTH	Round	+/-0.08
⊛	2	1.02mm (40.157mil)			NPTH	Round	+/-0.08
◇	1	1.2mm (47.244mil)			NPTH	Round	+/-0.08
▽	5	1.54mm (60.63mil)			PTH	Round	+/-0.08
⊛	8	1.626mm (64mil)			PTH	Round	+/-0.08
◇	8	3.048mm (120mil)			PTH	Round	+/-0.08
⊛	4	3.175mm (125mil)			PTH	Round	+/-0.08
☆	4	3.2mm (126mil)			NPTH	Round	+/-0.08
⊛	8	3.302mm (130mil)			PTH	Round	+/-0.08
⊛	3	1mm (39.37mil)	3.2mm (125.984mil)	2.2mm (86.614mil)	PTH	Slot	+/-0.08
1569 Total							

Slot definitions : Rout Path Length = Calculated from tool start centre position to tool end centre position.
Physical Length = Rout Path Length + Tool Size = Slot length as defined in the PCB layout

