

A

A

B

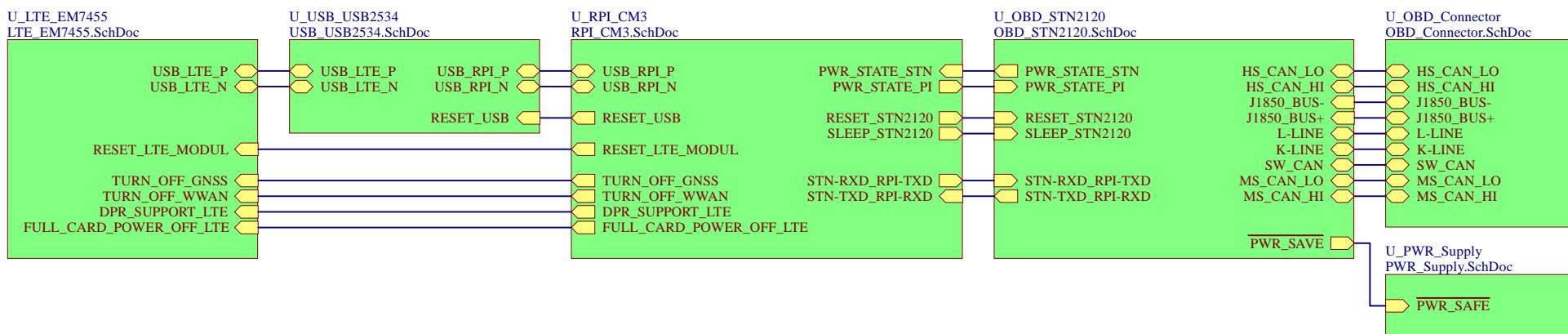
B

C

C

D

D



FD1
Fiducial Marker 1.0mm

FD2
Fiducial Marker 1.0mm

FD3
Fiducial Marker 1.0mm

FD4
Fiducial Marker 1.0mm

FD5
Fiducial Marker 1.0mm

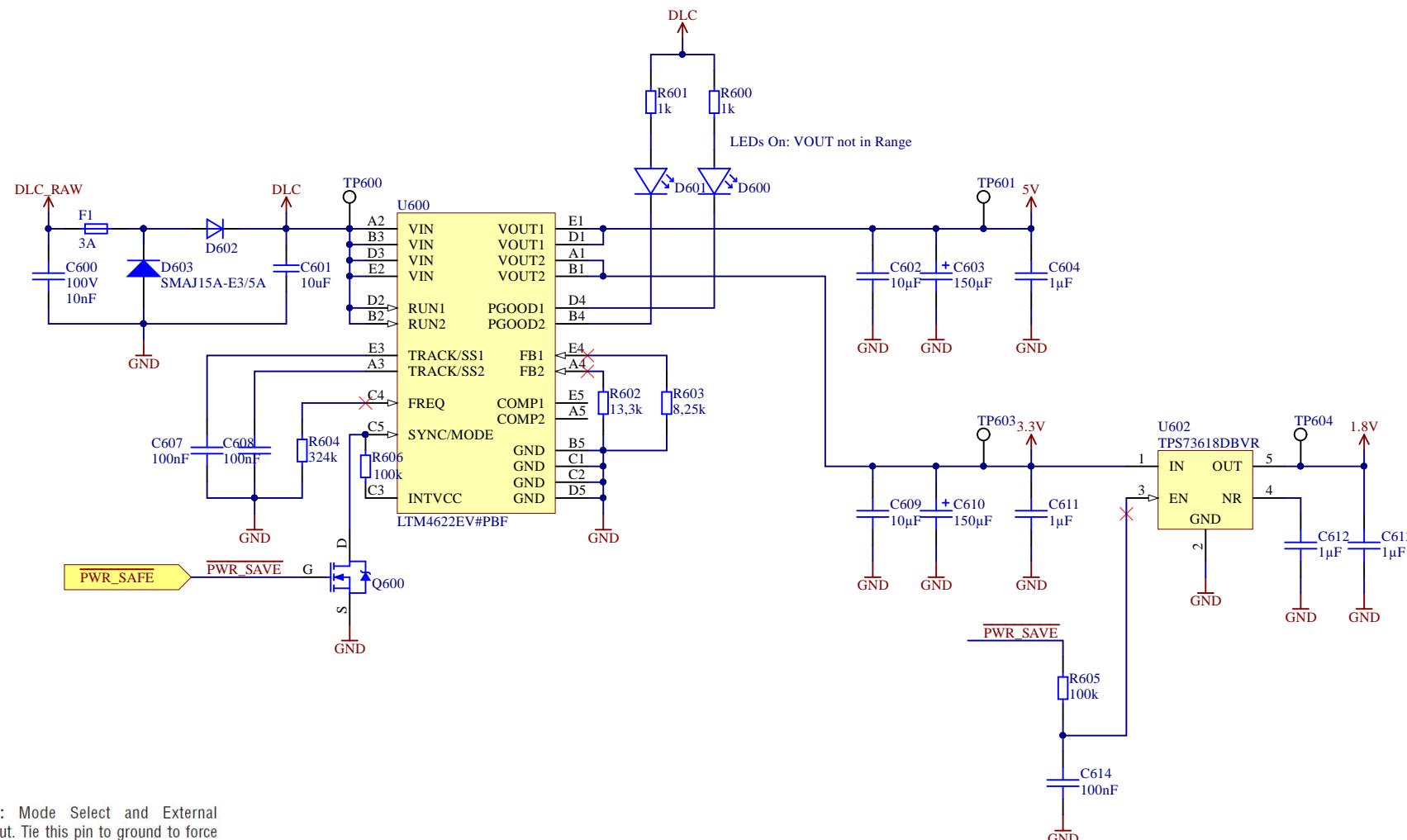
FD6
Fiducial Marker 1.0mm



Title
KUKSA Retrofit Prototyping Platform

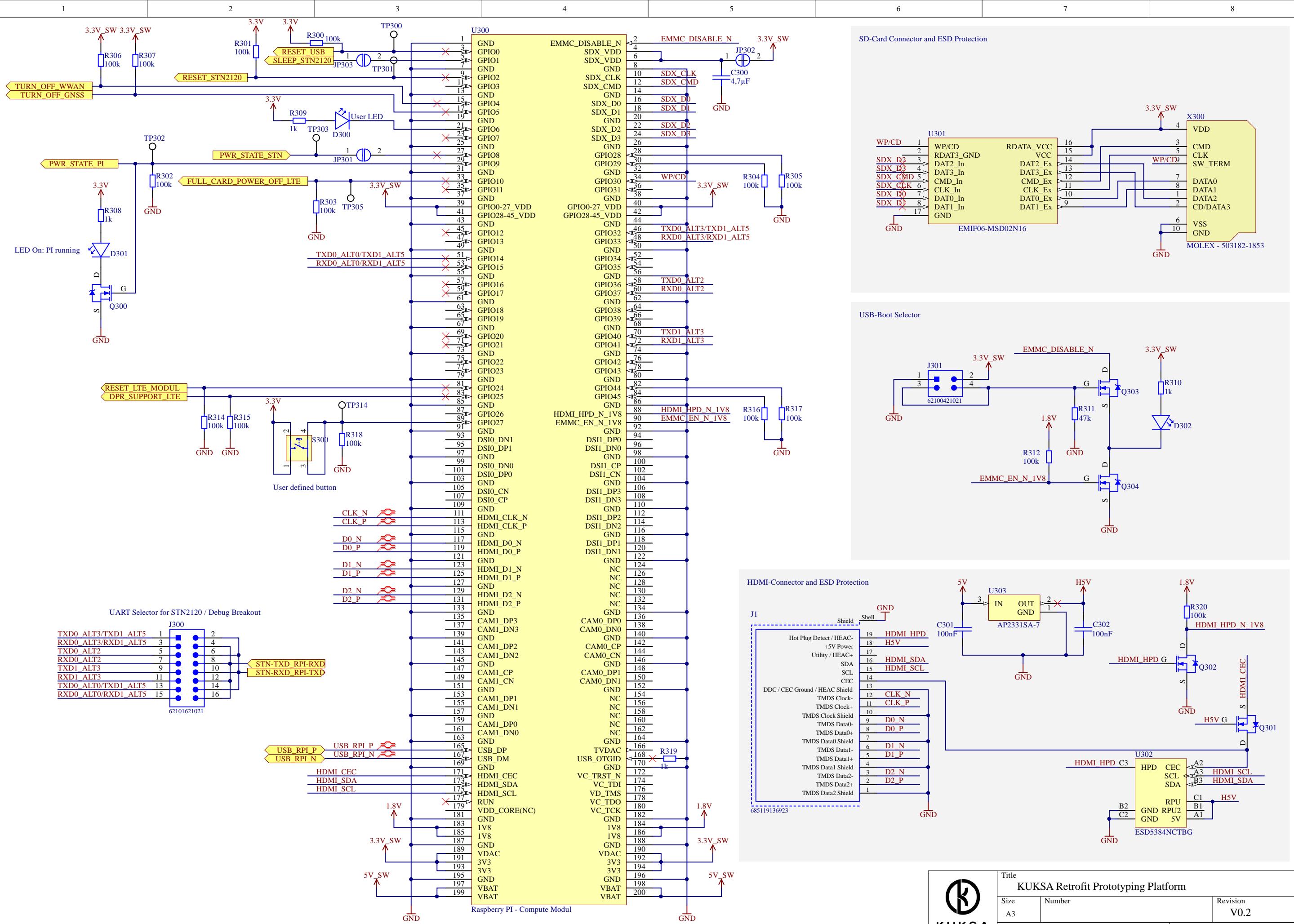
Size A4	Number	Revision V0.2
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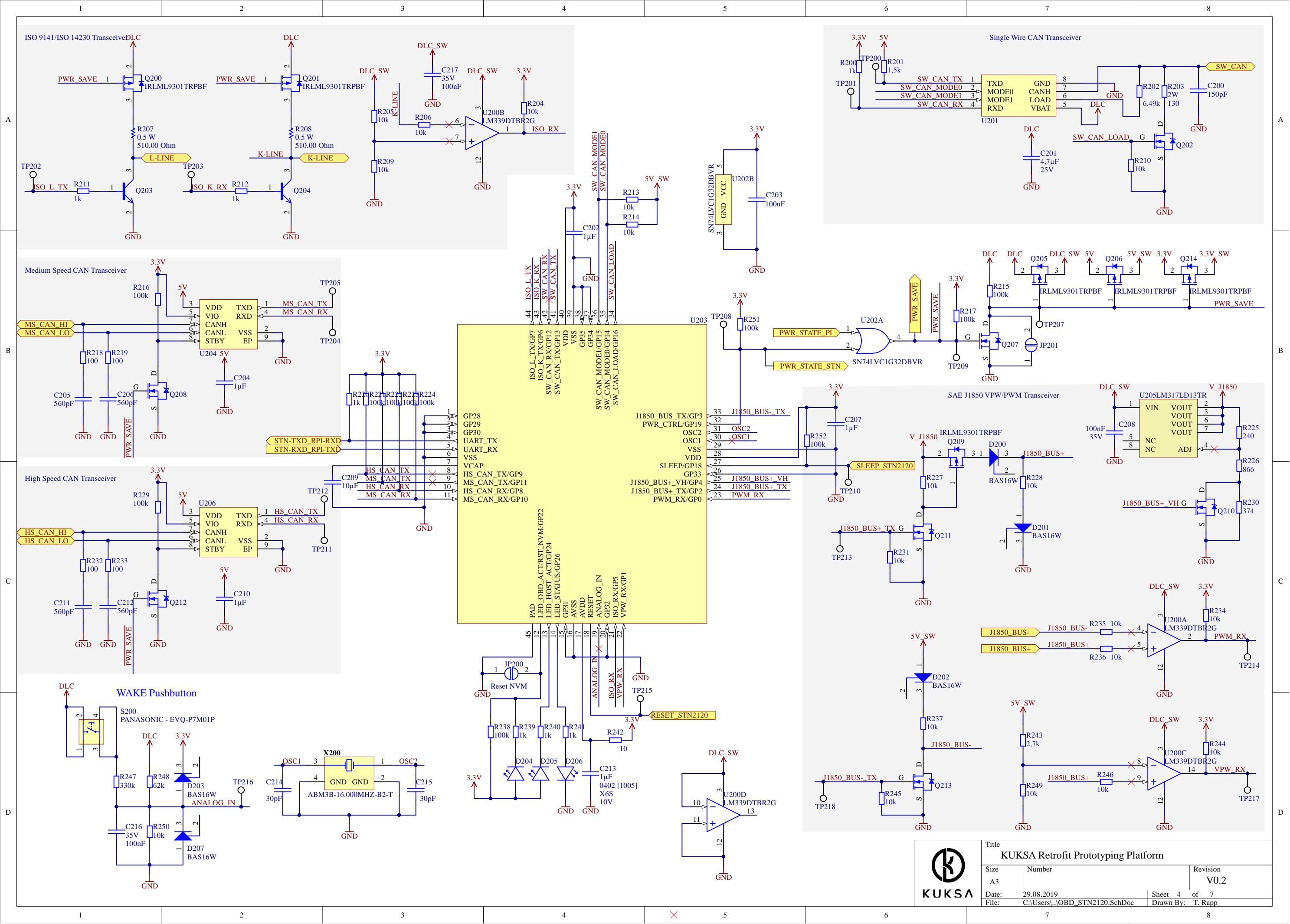
Date: 29.08.2019	Sheet 1 of 7
File: C:\Users\...\Overview.SchDoc	Drawn By: T. Rapp

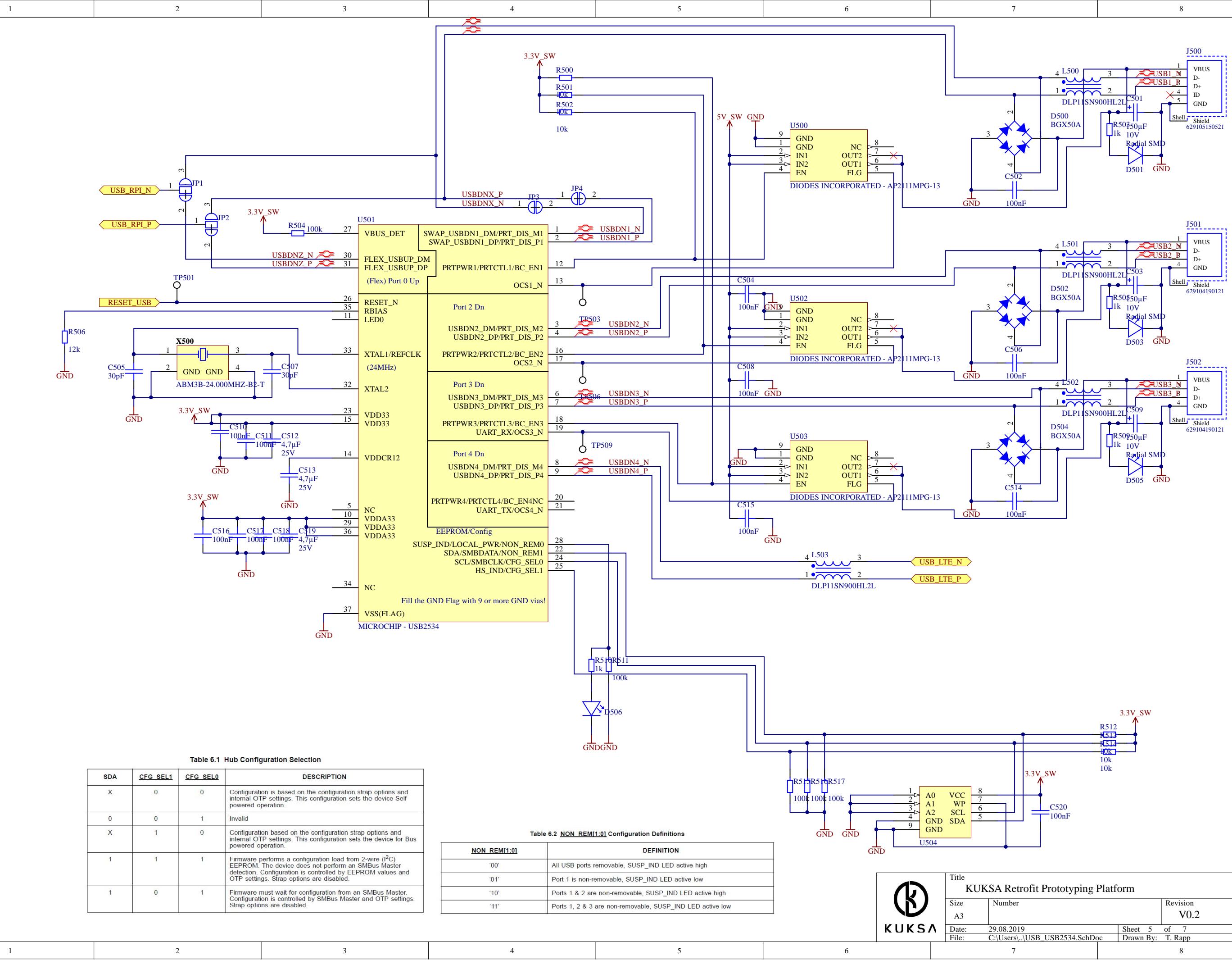


Title
KUKSA Retrofit Prototyping Platform

Size	Number	Revision
A4		V0.2
Date:	29.08.2019	Sheet 2 of 7
File:	C:\Users\...\PWR_Supply.SchDoc	Drawn By: T. Rapp



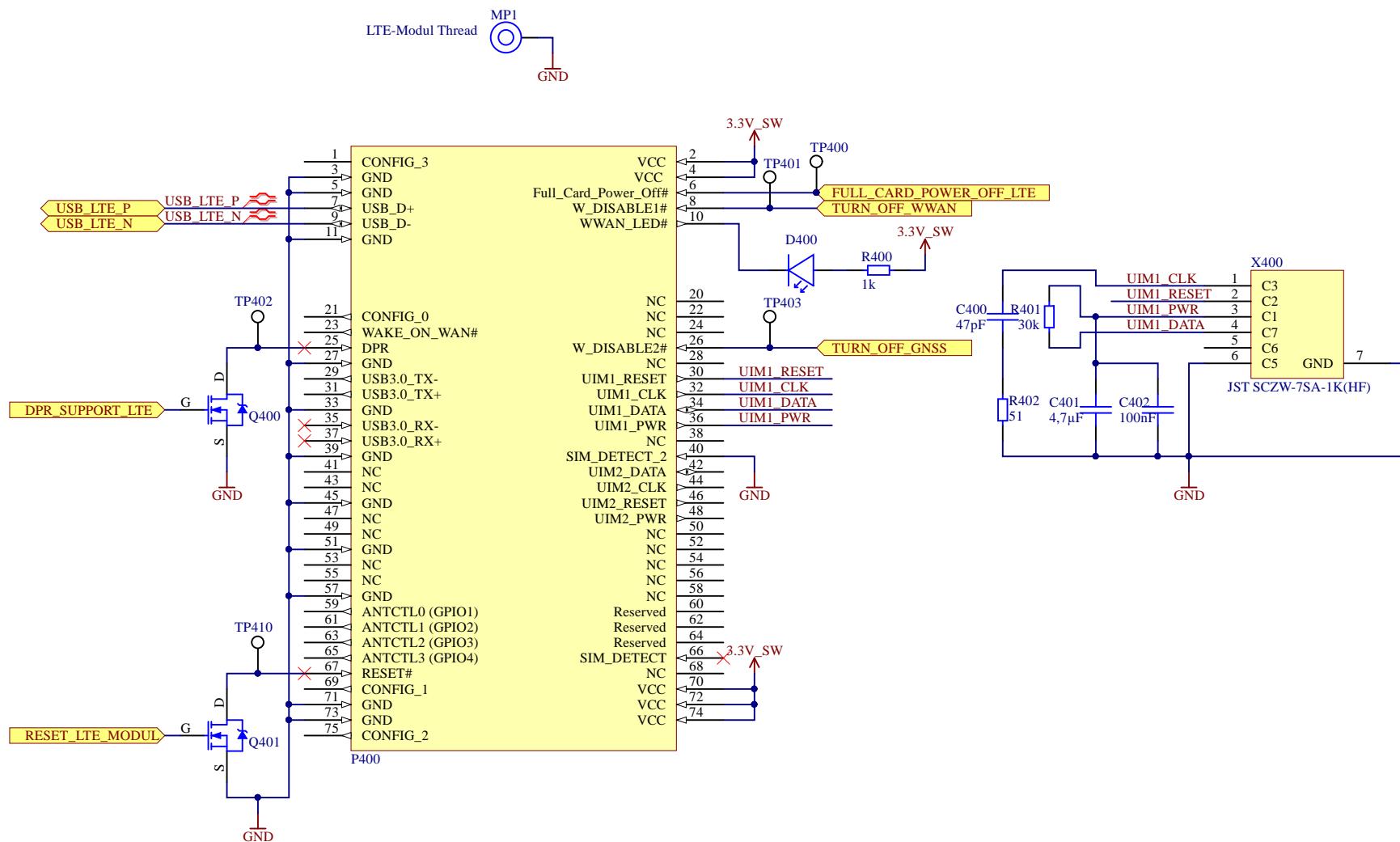




Title
KUKSA Retrofit Prototyping Platform

Size	Number	Revision
A3		V0.2

Date: 29.08.2019 Sheet 5 of 7
File: C:\Users\...\USB_USB2534.SchDoc Drawn By: T. Rapp



Title		
KUKSA Retrofit Prototyping Platform		
Size	Number	Revision
A4		V0.2
Date:	29.08.2019	Sheet 6 of 7
File:	C:\Users\...\LTE_EM7455.SchDoc	Drawn By: T. Rapp

A

A

B

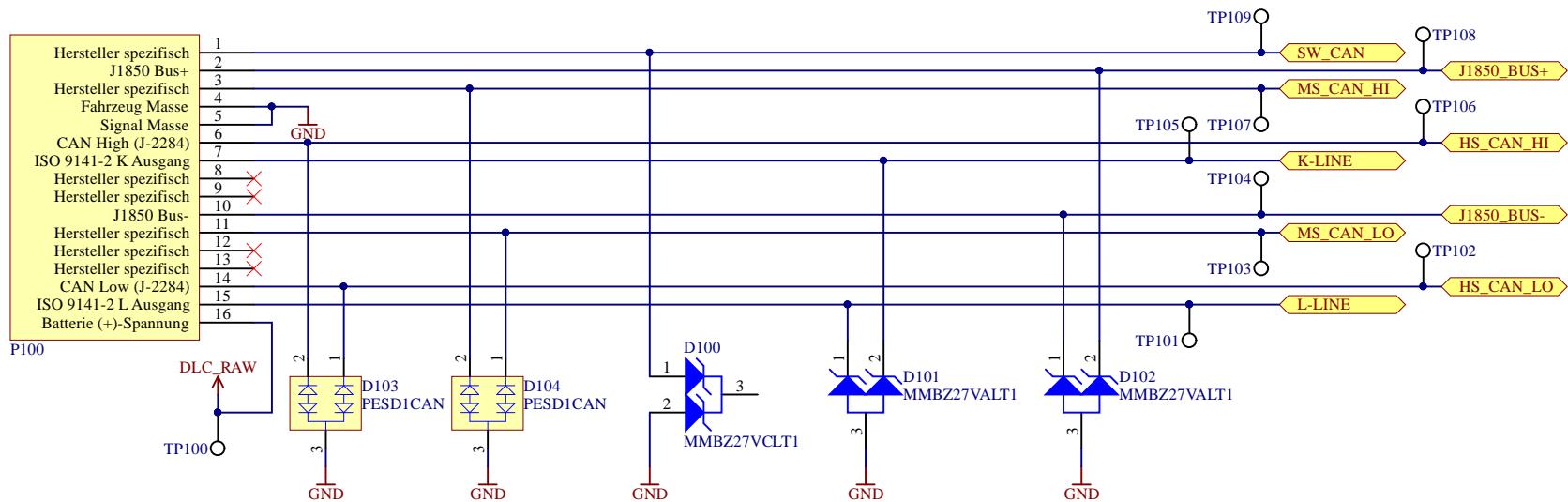
B

C

C

D

D

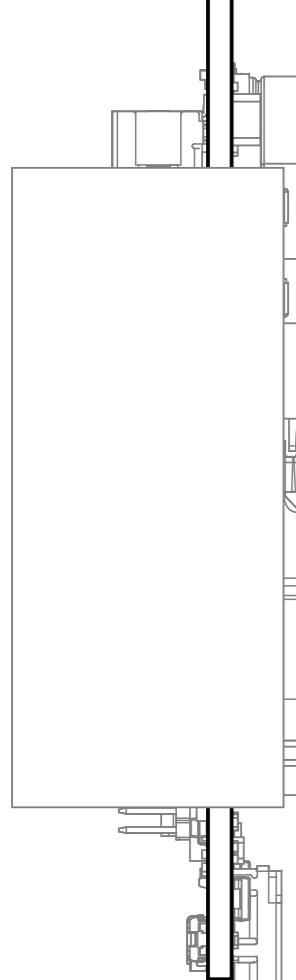


Title
KUKSA Retrofit Prototyping Platform

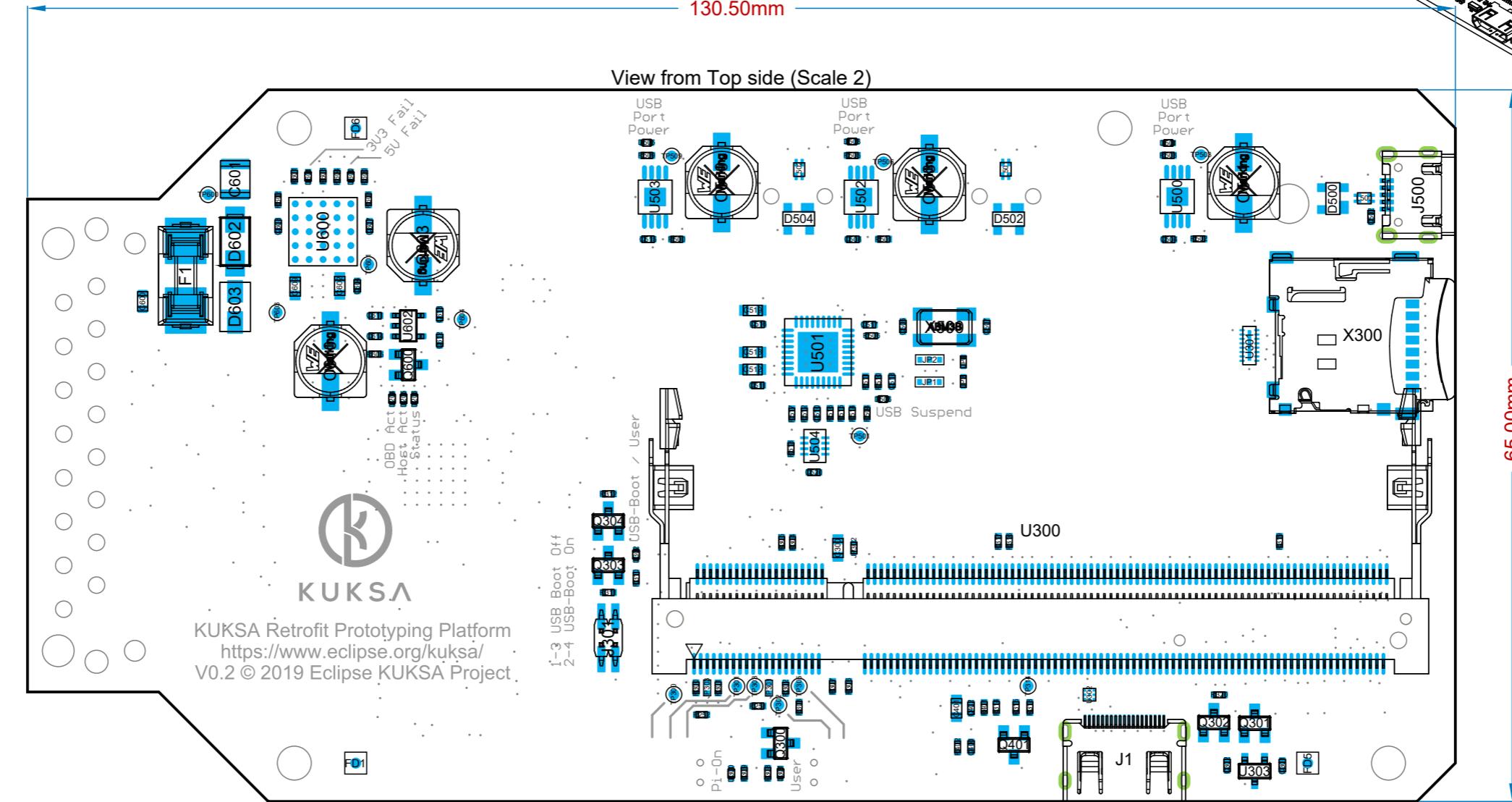
Size	Number	Revision
A4		V0.2
Date:	29.08.2019	Sheet 7 of 7
File:	C:\Users\...\OBD_Connector.SchDoc	Drawn By: T. Rapp

PCB VIEW TOP

View from Left side (Scale 2)

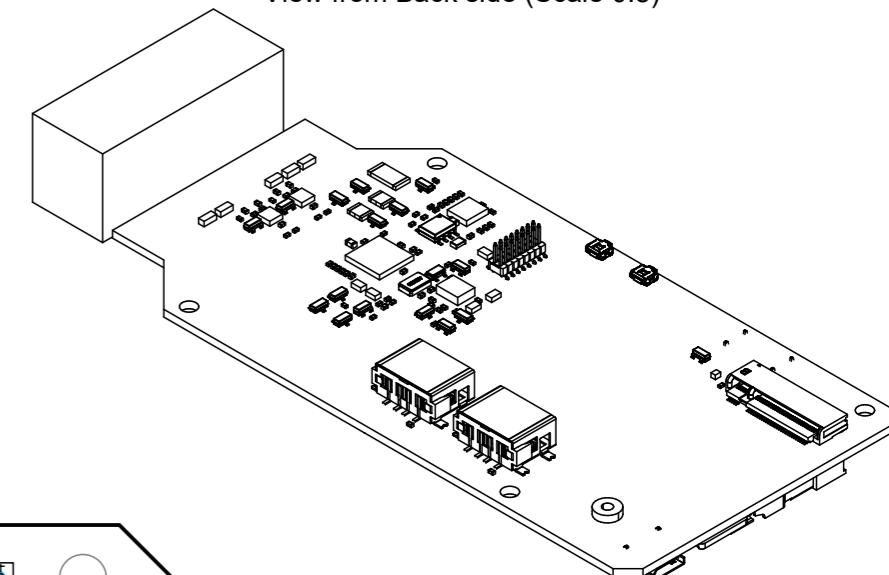


View from Top side (Scale 2)

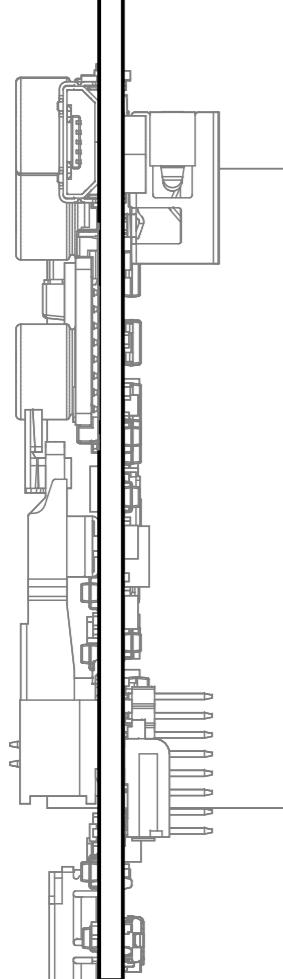


PCB VIEW BOT

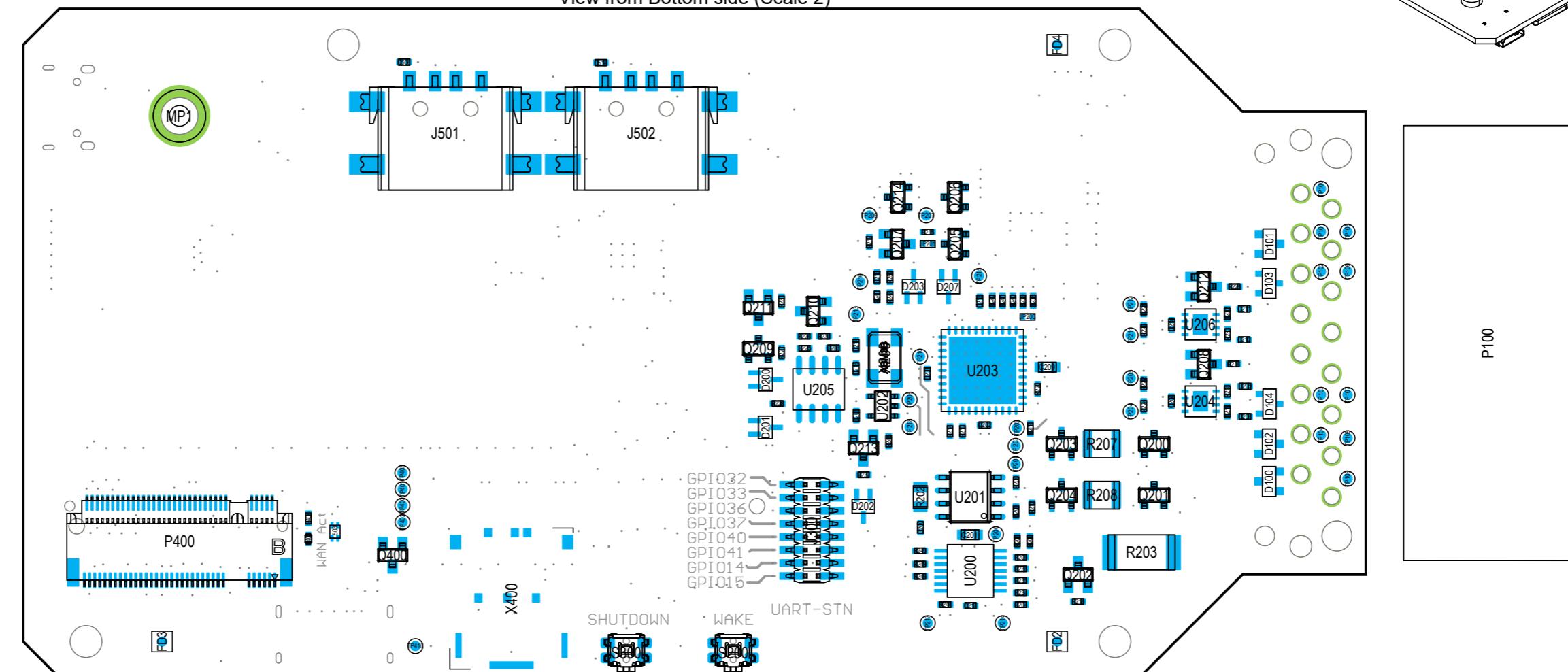
View from Back side (Scale 0.8)



View from Right side (Scale 2)



View from Bottom side (Scale 2)



LAYER STACK INFORMATION

Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
Surface Material	Top Overlay			Legend	GTO
Copper	Top Solder	0.010mm	Solder Resist	Solder Mask	GTS
	L1	0.035mm		Signal	GTL
	<i>Prepreg</i>	0.185mm		<i>Dielectric</i>	
Copper	L2(GND)	0.035mm		Internal Plane	GP1
	<i>Core</i>	0.400mm	FR4	<i>Dielectric</i>	
Copper	L3	0.035mm		Signal	G1
	<i>Prepreg</i>	0.185mm		<i>Dielectric</i>	
Copper	L4(PWR)	0.035mm		Internal Plane	GP2
	<i>Core</i>	0.400mm	FR4	<i>Dielectric</i>	
Copper	L5(GND)	0.035mm		Internal Plane	GP3
	<i>Prepreg</i>	0.185mm		<i>Dielectric</i>	
Copper	L6	0.035mm		Signal	GBL
Surface Material	Bottom Solder	0.010mm	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO

Total thickness: 1.585mm

Surface Finish

Material	Selection
ENIG (chem. Ni/Au)	<input checked="" type="checkbox"/>
Chemical Tin	
ENEPiG	
HASL - Lead free	
HASL + Pb	
Other:	

Silkscreen

Side	Color / Material	Selection
Top	white	<input checked="" type="checkbox"/>
Bottom	white	<input checked="" type="checkbox"/>

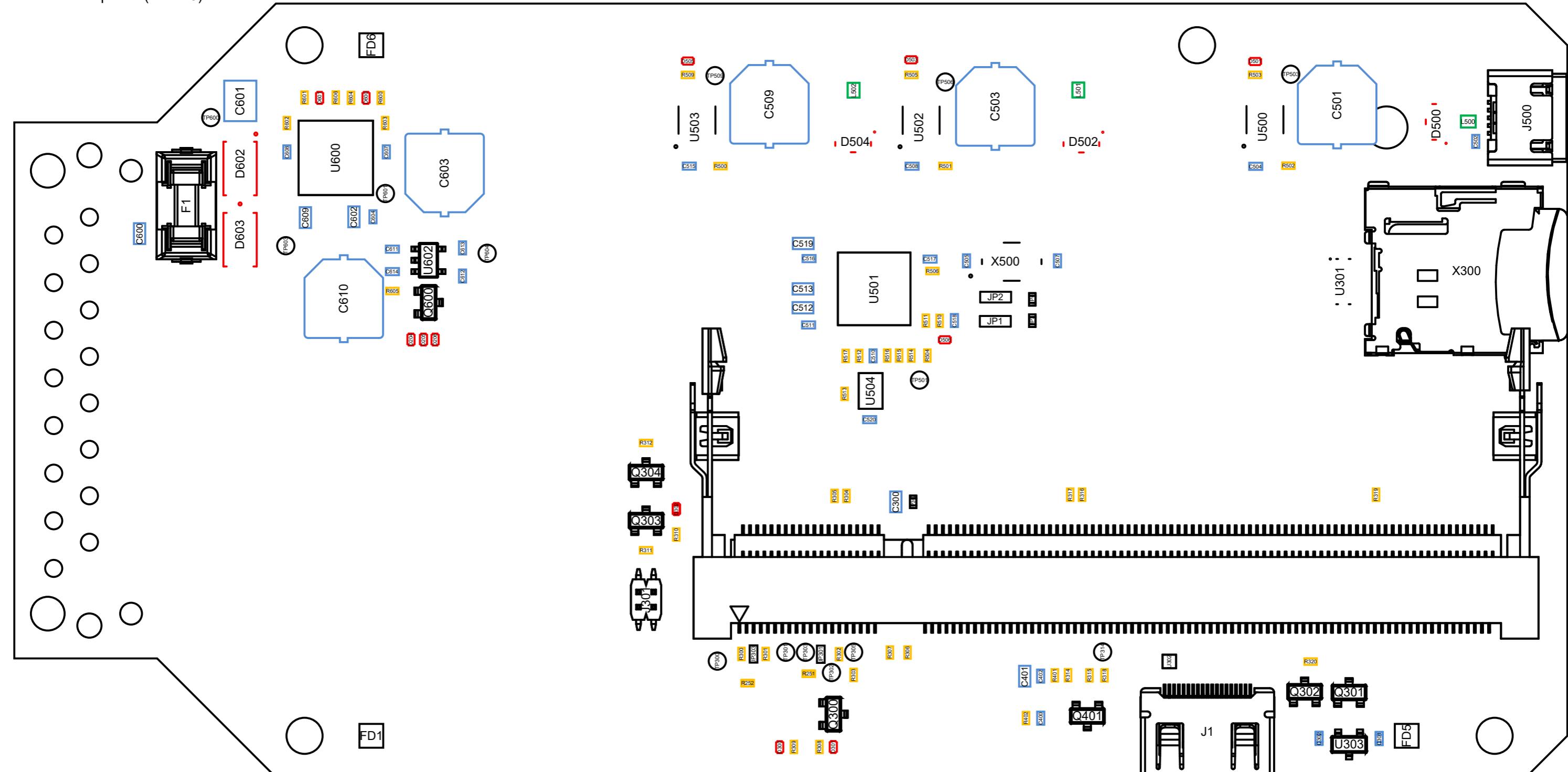
Soldermask

Side	Color / Material	Selection
Top	green	<input checked="" type="checkbox"/>
Bottom	green	<input checked="" type="checkbox"/>

1 Layer stack thickness is final dimension

ASSEMBLY TOP

View from Top side (Scale 3)



ASSEMBLY BOT

View from Bottom side (Scale 3)

