
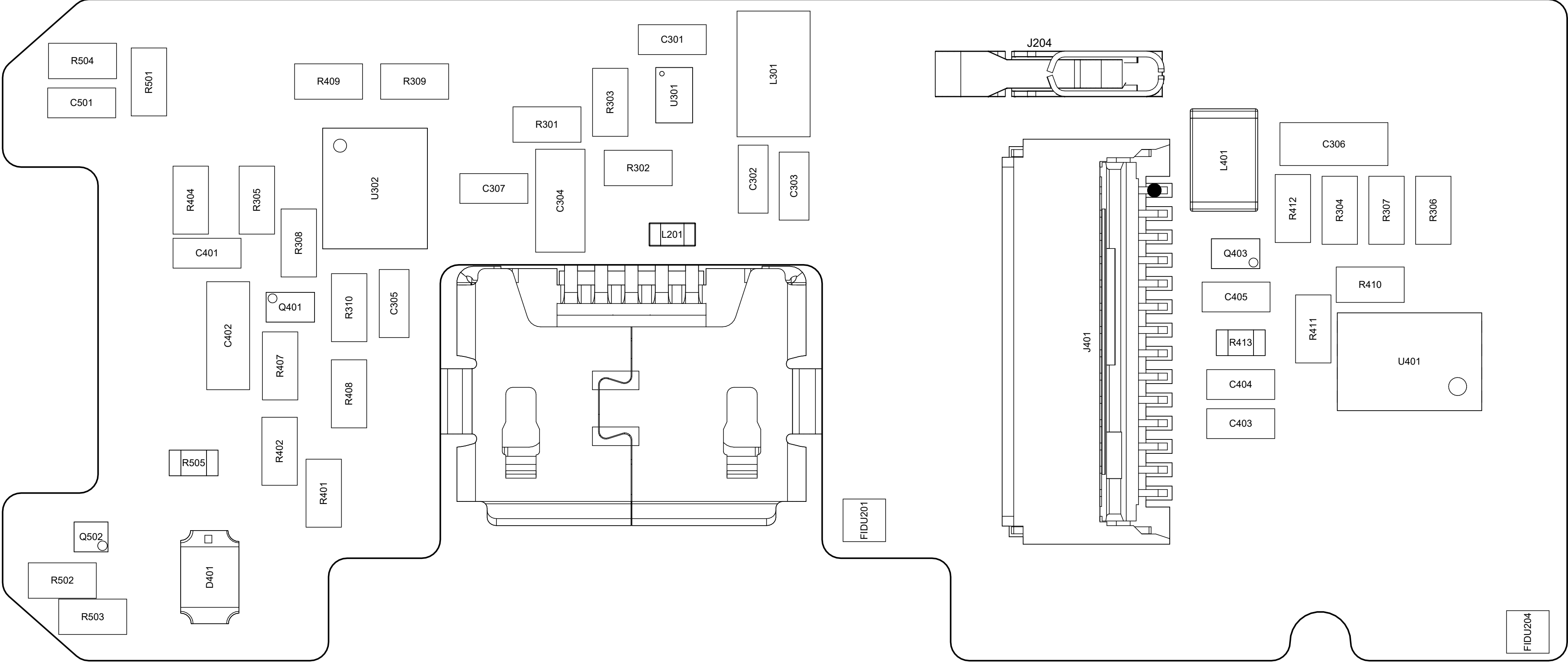



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES:		CUSTOMER/PROJECT: Innovation Zed		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION:	
						BOARD: EFP1			
NAME		SIGNATURE		DATE		TITLE: Drawings for 105358-3BA001-03			
DRAW KaKa				23-01-2018					
CHK'D									
APP'D									
MFG						DWG NO. 105358-3CD005-01			
QA				MATERIAL/FINISH: ENIG					
				WEIGHT:		SCALE 1:1		SHEET 1 OF 6	

Top Assembly Drawing

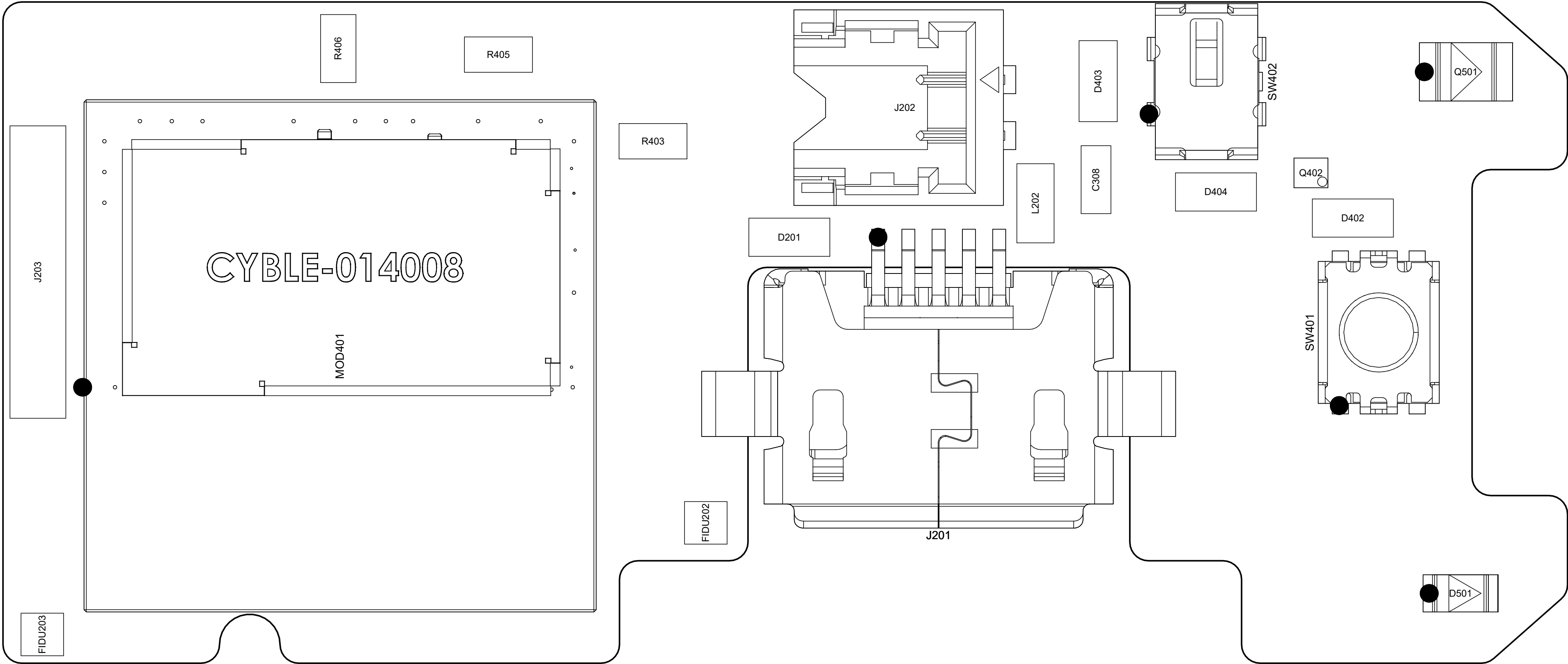
View from Top side (Scale 15)

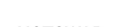


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					BOARD: EFP1				
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DRAW	KaKa			23-01-2018					
CHK'D									
APPV'D									
MFG					MATERIAL/FINISH: ENIG				
QA									
					DWG N0. 105358-3CD005-01				
					WEIGHT:				
					SCALE 1:1		SHEET 2 OF 6		

Bottom Assembly Drawing

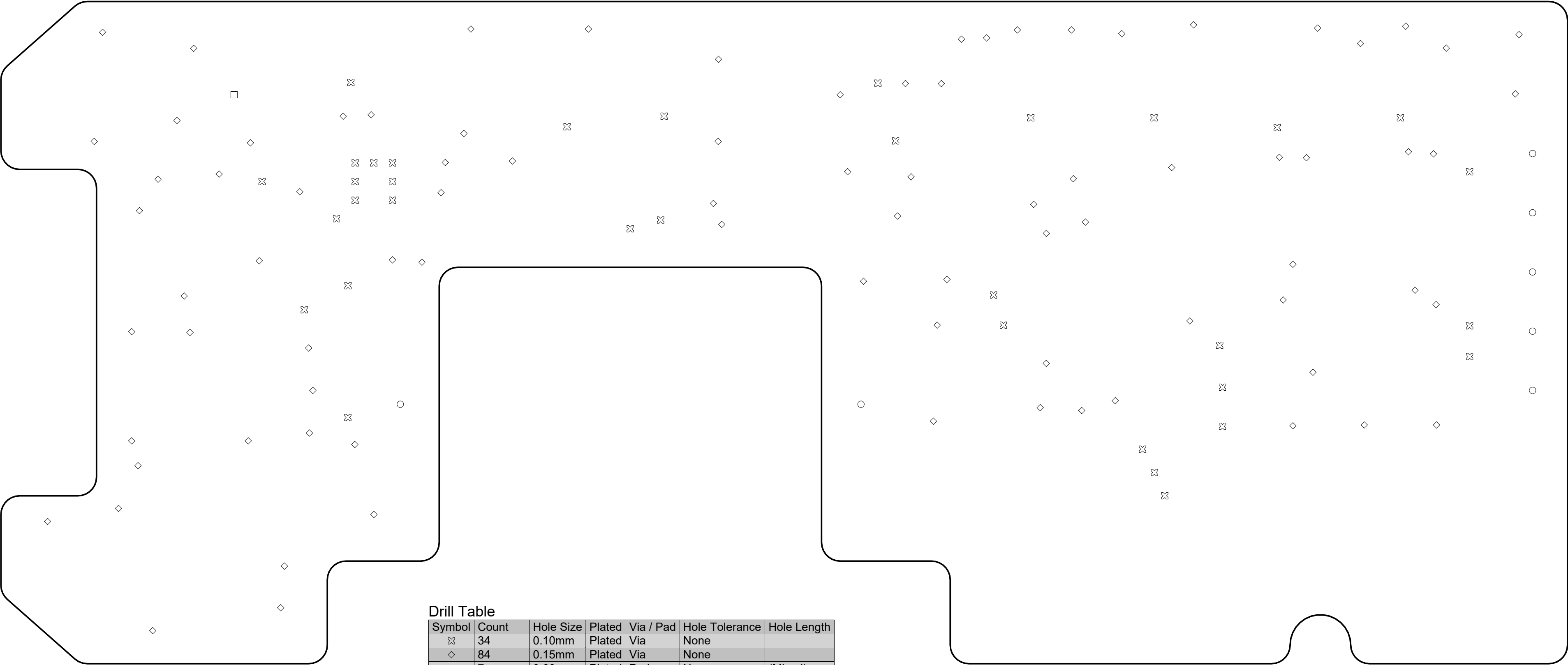
View from Bottom side (Scale 15)



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							BOARD: EFP1					
	NAME	SIGNATURE		DATE	TITLE: Drawings for 105358-3BA001-03							
DRAW	KaKa			23-01-2018								
CHK'D												
APPV'D												
MFG												
QA				MATERIAL/FINISH: ENIG	DWG NO.		105358-3CD005-01		A2			
					WEIGHT:		SCALE 1:1				SHEET 3 OF 6	

Drill Drawing View

Drill Drawing View (Scale 15)



Drill Table

Symbol	Count	Hole Size	Plated	Via / Pad	Hole Tolerance	Hole Length
⊠	34	0.10mm	Plated	Via	None	
◇	84	0.15mm	Plated	Via	None	
○	7	0.60mm	Plated	Pad	None	(Mixed)
□	1	1.30mm	Plated	Pad	None	
	126 Total					

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			BOARD: EFP1						
	NAME	SIGNATURE		DATE		TITLE: Drawings for 105358-3BA001-03			
DRAW	KaKa			23-01-2018					
CHKD									
APPVD									
MFG									
QA					MATERIAL/FINISH: ENIG	DWG NO.		A2	
						105358-3CD005-01			
					WEIGHT:	SCALE 1:1		SHEET 4 OF 6	


1

Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
Surface Material	Top Paste			Paste Mask	GTP
Surface Material	Top Solder	0.018mm(1mil)	Solder Resist	Solder Mask	GTS
Copper	Component Side	0.036mm(1mil)		Signal	GTL
Prepreg		0.064mm(2mil)	FR-4	Dielectric	
Copper	Inner Layer 1	0.036mm(1mil)		Signal	G1
Prepreg		0.064mm(2mil)	FR-4	Dielectric	
Copper	Ground Plane (GND)	0.036mm(1mil)		Internal Plane	GP1
Core		0.508mm(20mil)	FR-4	Dielectric	
Copper	Power Plane (VCC)	0.036mm(1mil)		Internal Plane	GP2
Prepreg		0.064mm(2mil)	FR-4	Dielectric	
Copper	Inner Layer 2	0.036mm(1mil)		Signal	G2
Prepreg		0.064mm(2mil)	FR-4	Dielectric	
Copper	Solder Side	0.036mm(1mil)		Signal	GBL
Surface Material	Bottom Solder	0.018mm(1mil)	Solder Resist	Solder Mask	GBS
	Bottom Paste			Paste Mask	GBP
Total thickness: 1.011mm(40mil)					

Solder Mask Color – Black
Surface treatment- Electroless Nickel Immersion Gold (ENIG)
OverLay Text Color- None

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					BOARD: EFP1	
		NAME	SIGNATURE	DATE	TITLE: Drawings for 105358-3BA001-03	
		DRAW	KaKa	23-01-2018		
		CHKD				
		APPVD				
		MFG				
		QA			MATERIAL/FINISH: ENIG	DWG NO. 105358-3CD005-01
					WEIGHT:	A2
					SCALE 1:1	SHEET 5 OF 6

1

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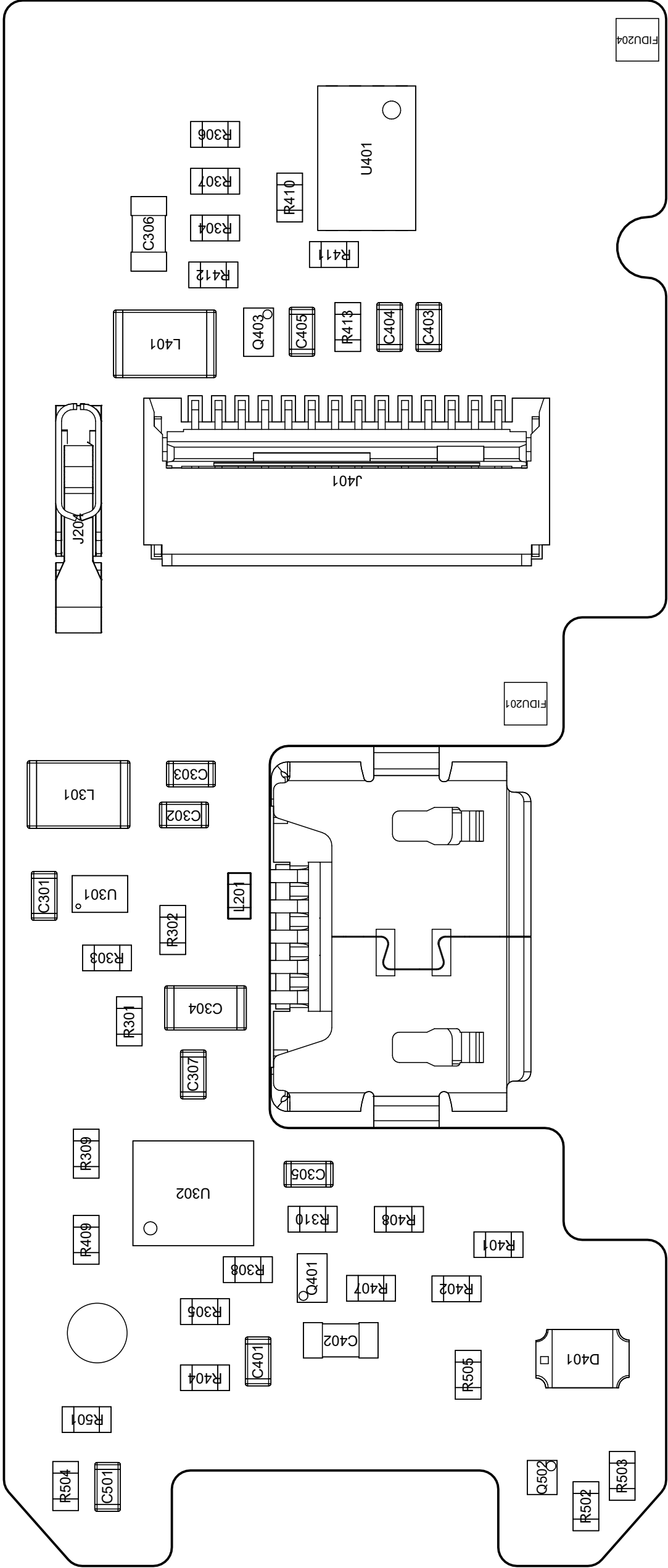
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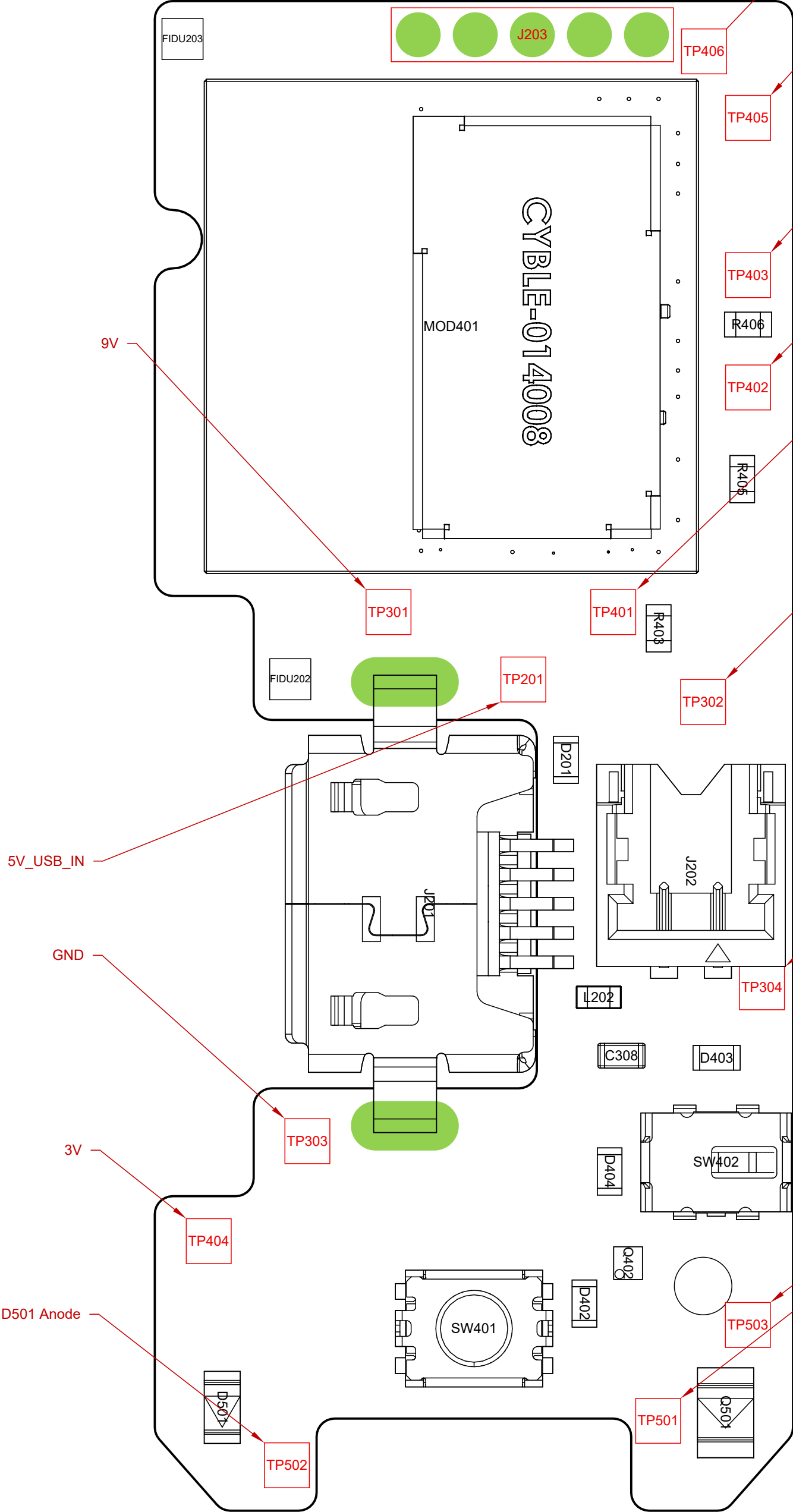
8


Test Points

View from Top side (Scale 10)



View from Bottom side (Scale 10)



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DRAW	KaKa			23-01-2018					
CHK'D									
APPV'D									
MFG						DWG NO. 105358-3CD005-01			
QA				MATERIAL/FINISH: ENIG					
						A2			
				WEIGHT:		SCALE 1:1		SHEET 6 OF 6	