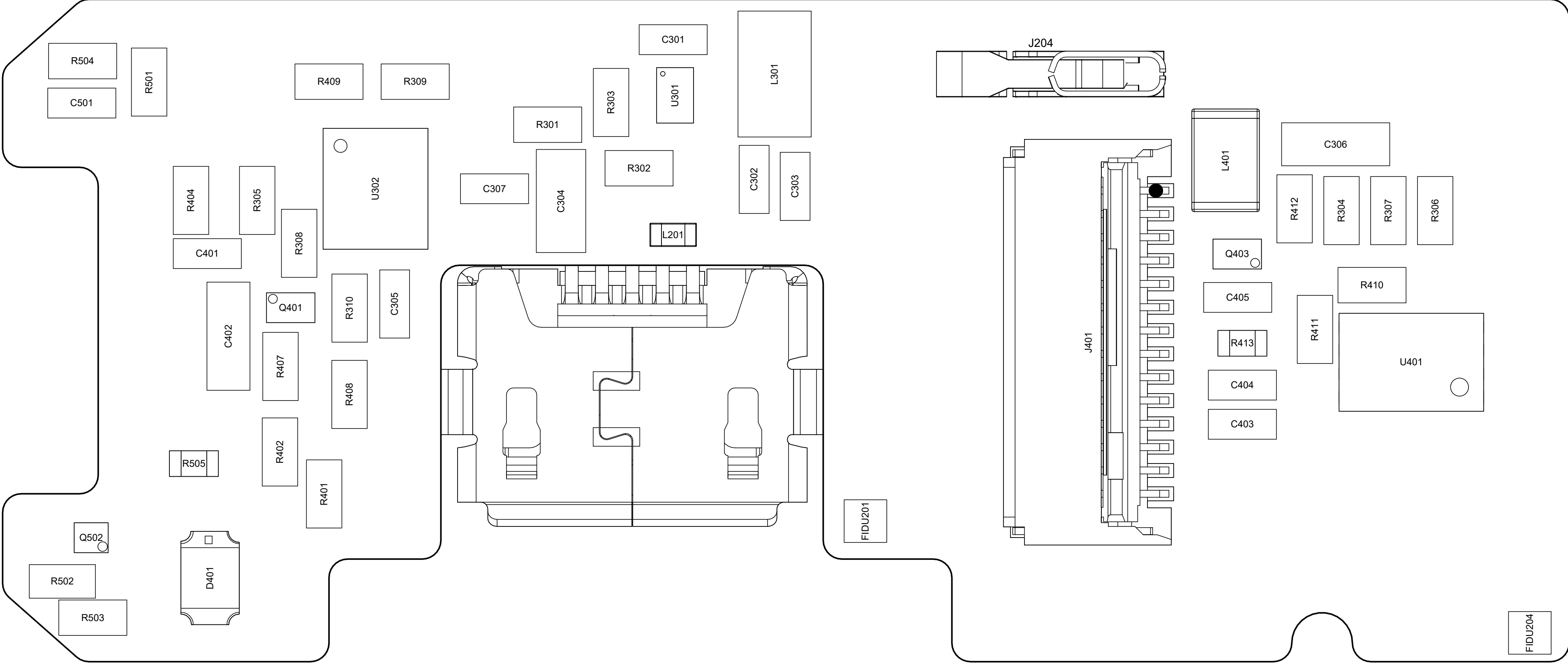



Top Assembly Drawing

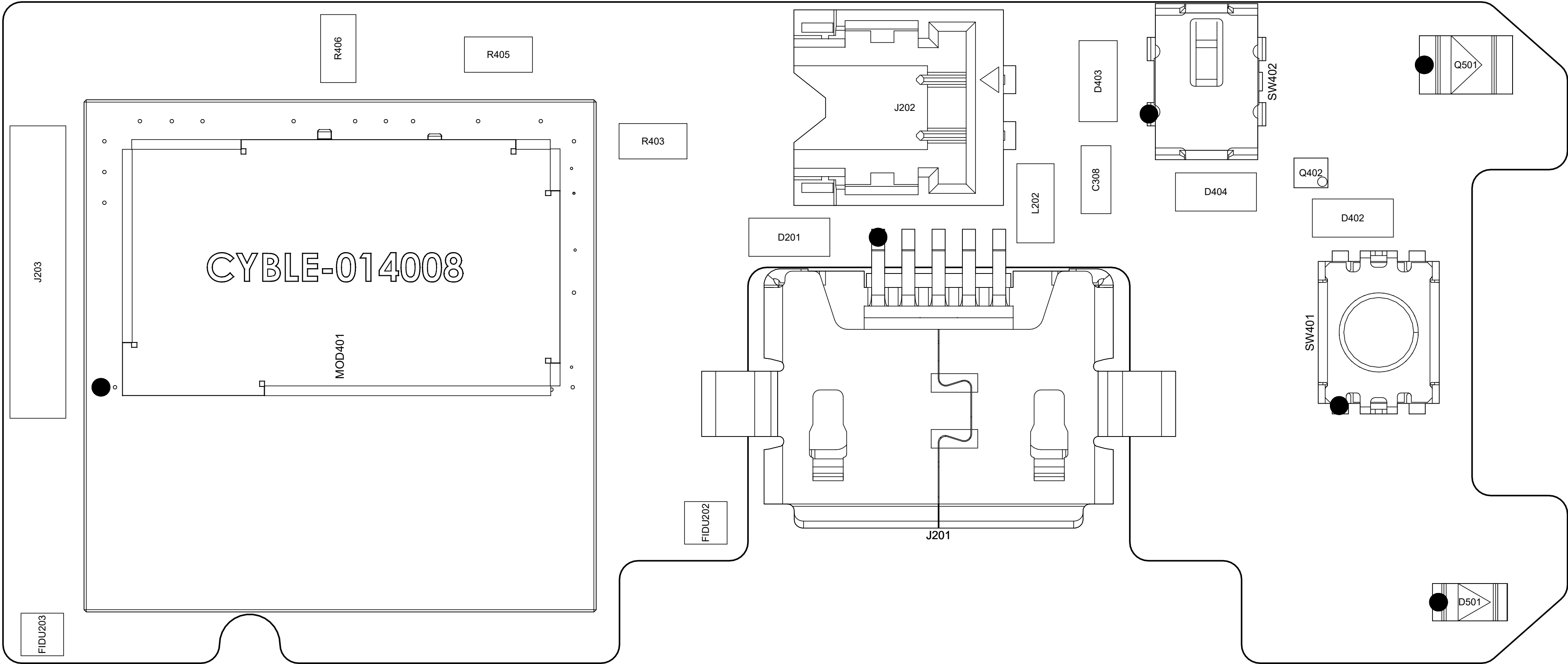
View from Top side (Scale 15)



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		 HOTSWAP LIFE SCIENCE		
	NAME	SIGNATURE		DATE	TITLE: Drawings for 105358-3BA001-03				
DRAW	KaKa			24-01-2018					
CHK'D									
APPV'D									
MFG	MIGHT Electronic				DWG NO. 105358-3CD005-01				
QA				MATERIAL/FINISH: ENIG					
				WEIGHT:	SCALE 1:1		SHEET 2 OF 6		

Bottom Assembly Drawing

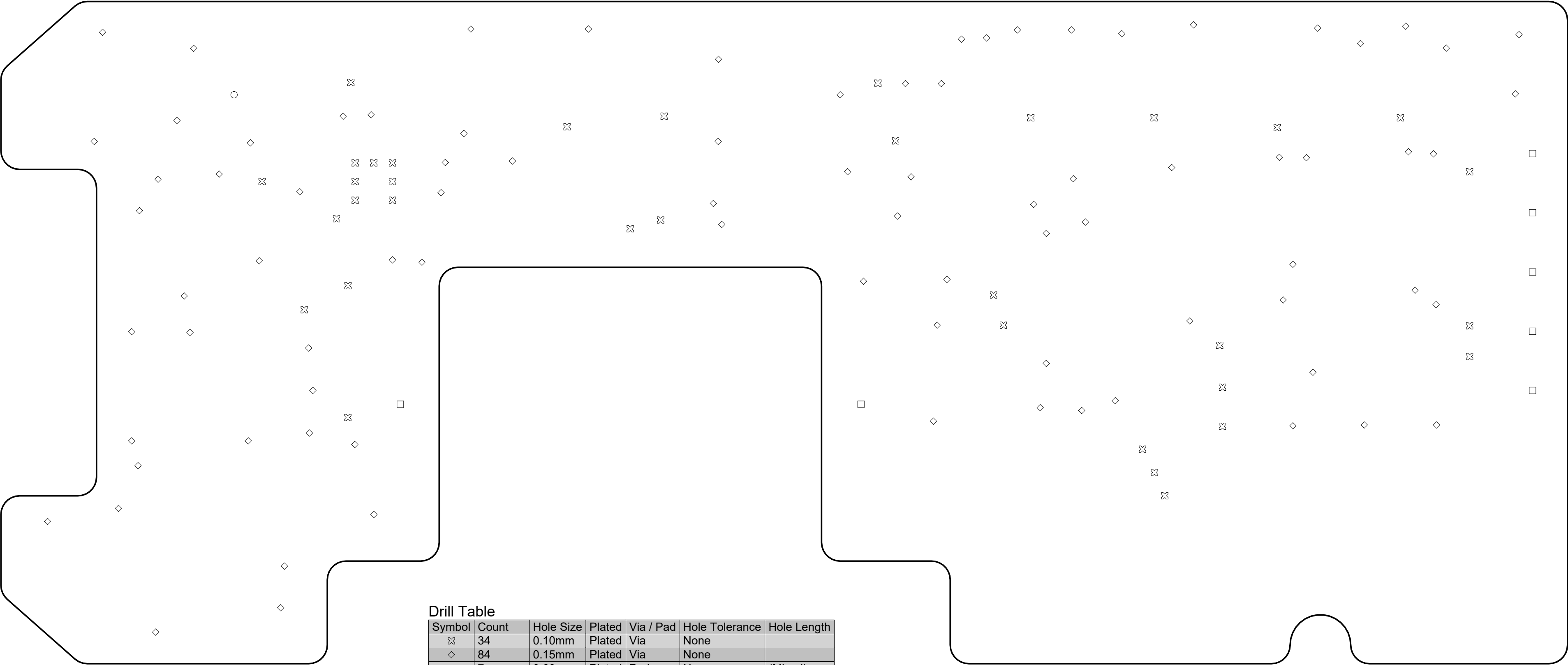
View from Bottom side (Scale 15)



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES:			CUSTOMER/PROJECT: Innovation Zed			DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING BOARD: EFP1	REVISION:
			NAME	SIGNATURE	DATE		TITLE: Drawings for 105358-3BA001-03	
DRAW	KaKa				24-01-2018			
CHKD								
APPVD								
MFG	MIGHT Electronic							
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					

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES:			CUSTOMER/PROJECT: Innovation Zed			DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING BOARD: EFP1	REVISION: 
			NAME KaKa	SIGNATURE	DATE 24-01-2018		TITLE: Drawings for 105358-3BA001-03	
DRAW								
CHKD								
APPVD								
MFG	MIGHT Electronic							
QA						MATERIAL/FINISH: ENIG	DWG NO. 105358-3CD005-01	A2
						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

8

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

1

2

3

4

5

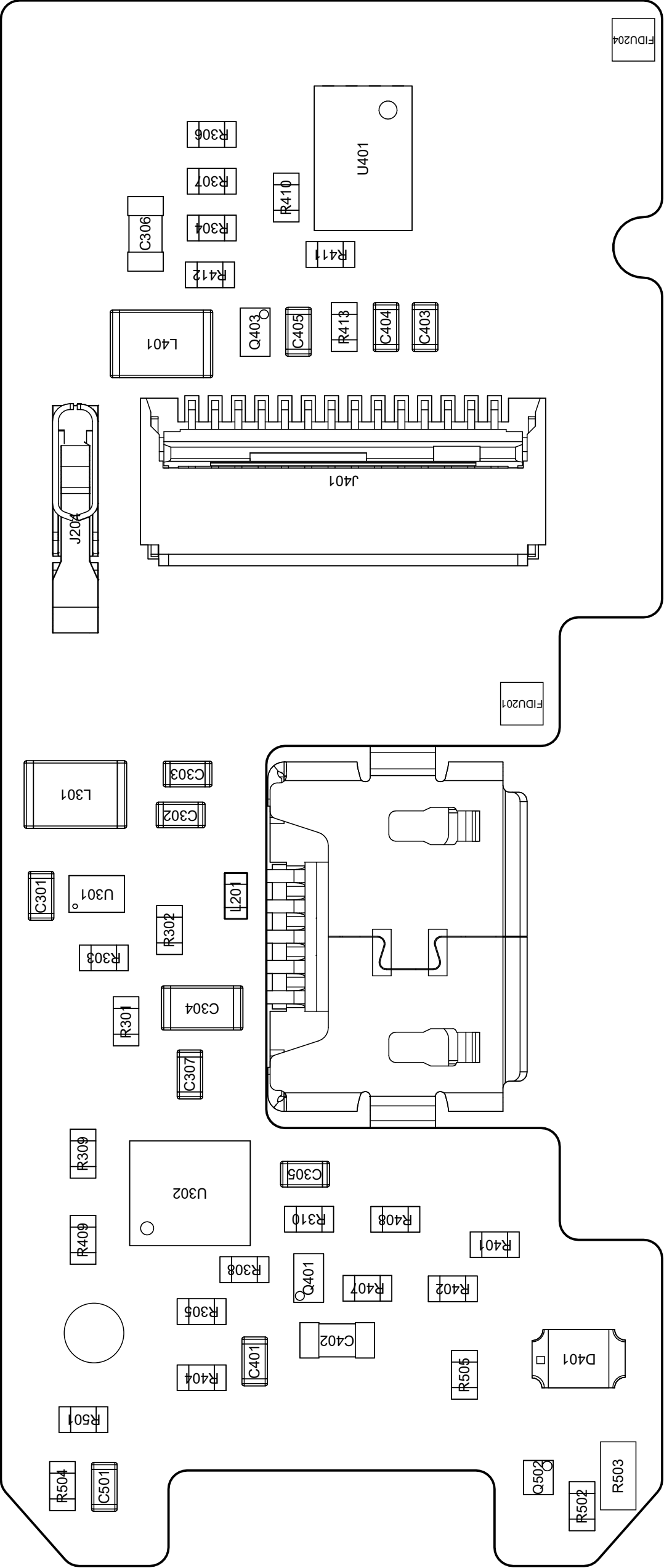
6

7

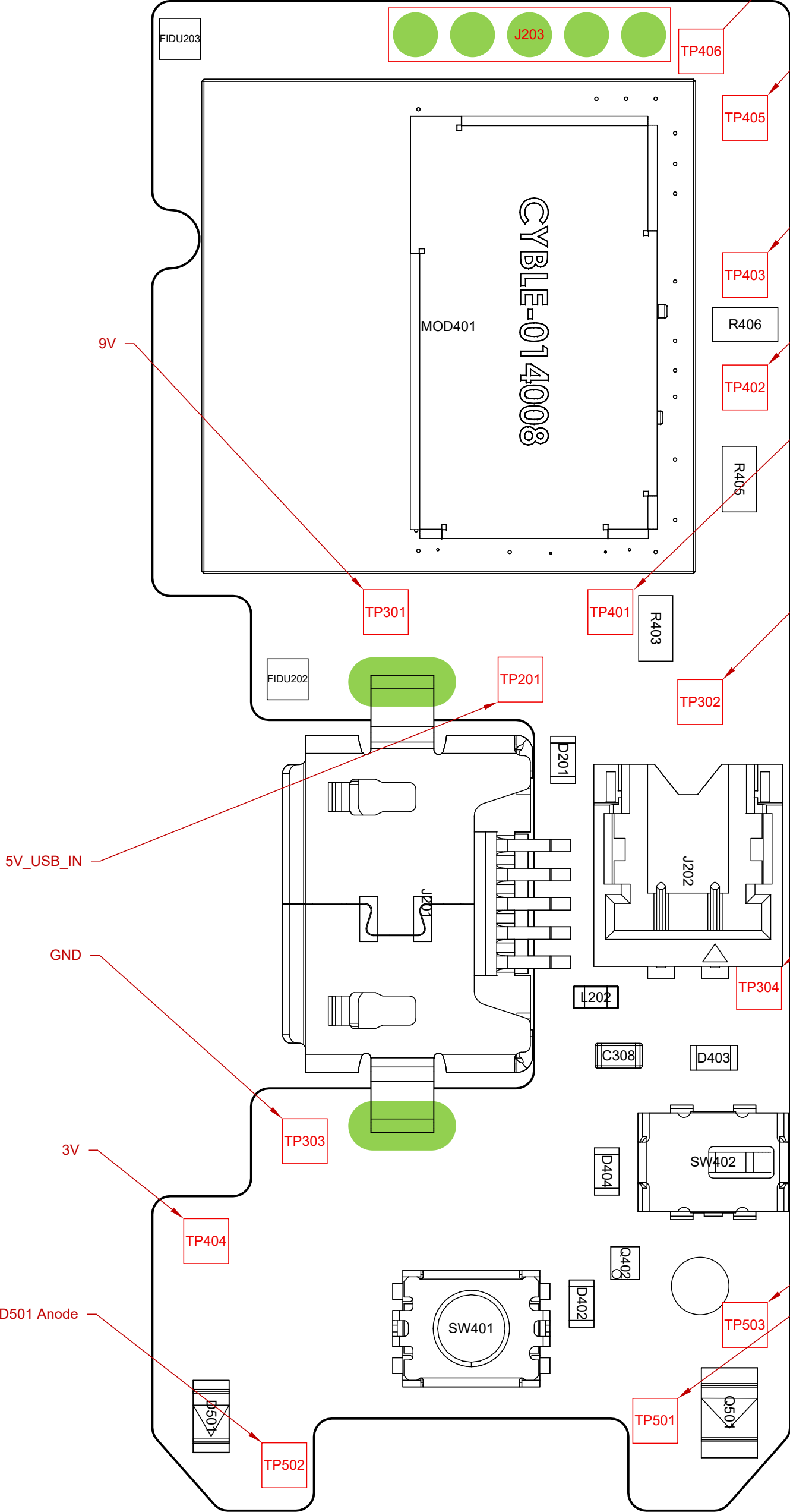
8


Test Points

View from Top side (Scale 10)



View from Bottom side (Scale 10)



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			24-01-2018							
CHK'D											
APPV'D											
MFG	MIGHT Electronic						DWG NO. 105358-3CD005-01				
QA				MATERIAL/FINISH: ENIG							
						WEIGHT:	SCALE 1:1		SHEET 6 OF 6		