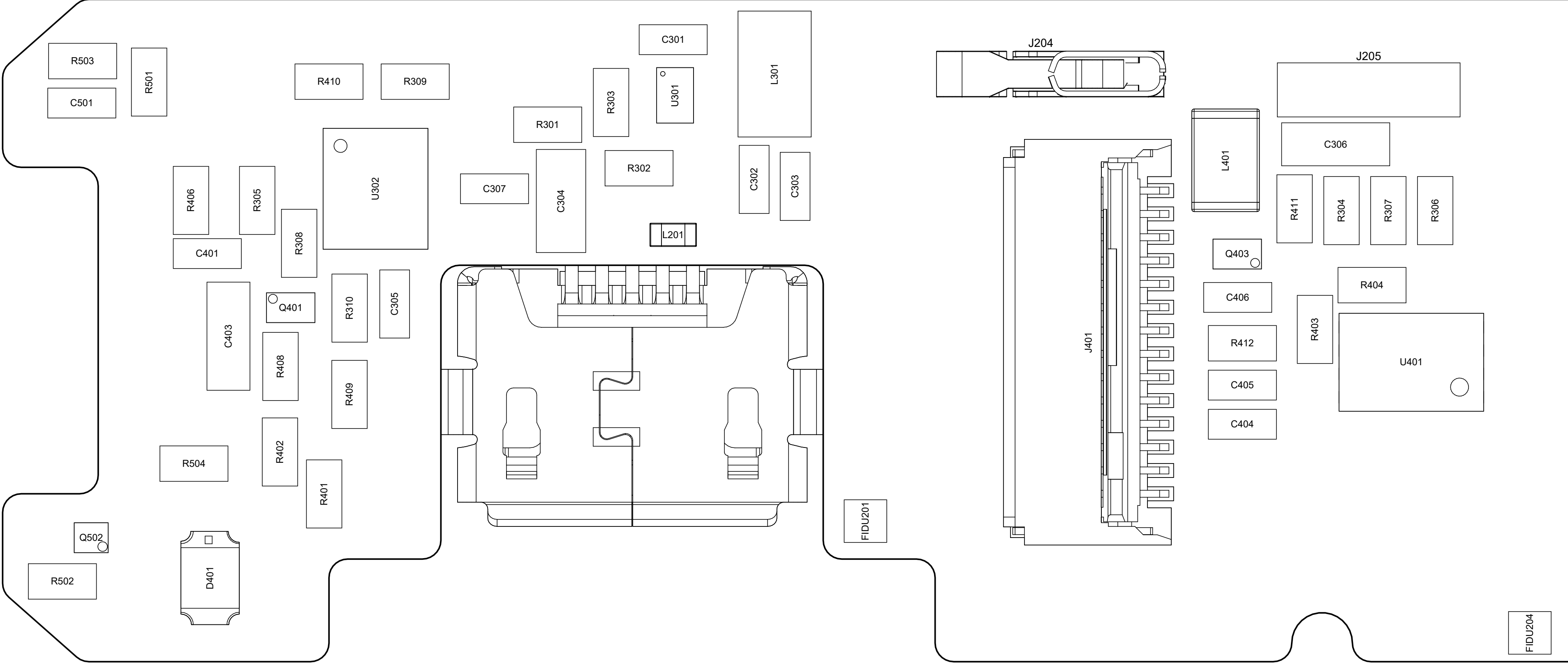



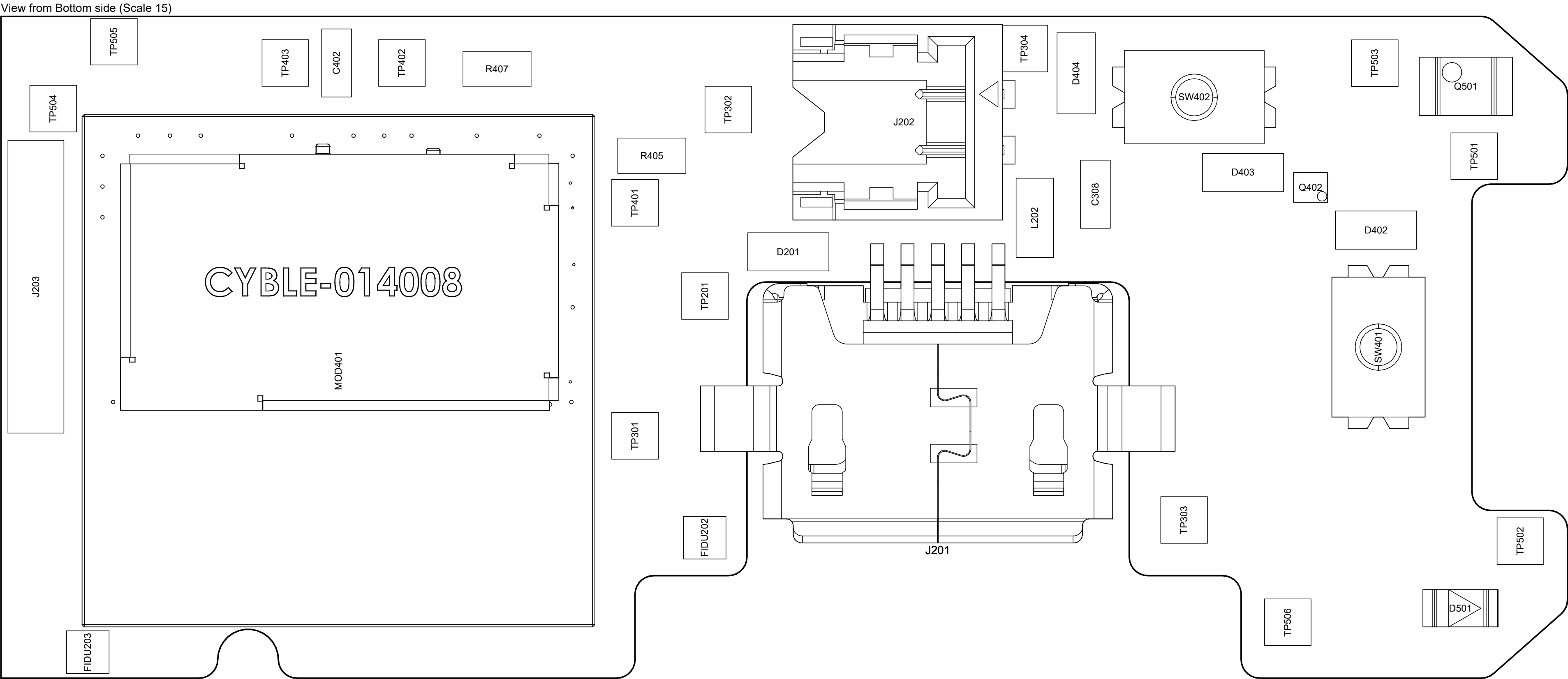
Top Assembly Drawing

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:  FP 1			
	NAME	SIGNATURE		DATE	TITLE:  Drawings for 105358-3BA001-02				
DRAW	KaKa			26-12-2017					
CHK'D									
APPV'D									
MFG					DWG NO. 105358-3CD001-01				
QA									
				MATERIAL/FINISH:	A2				
				ENIG					
				WEIGHT:	SCALE 1:1		SHEET 2 OF 6		

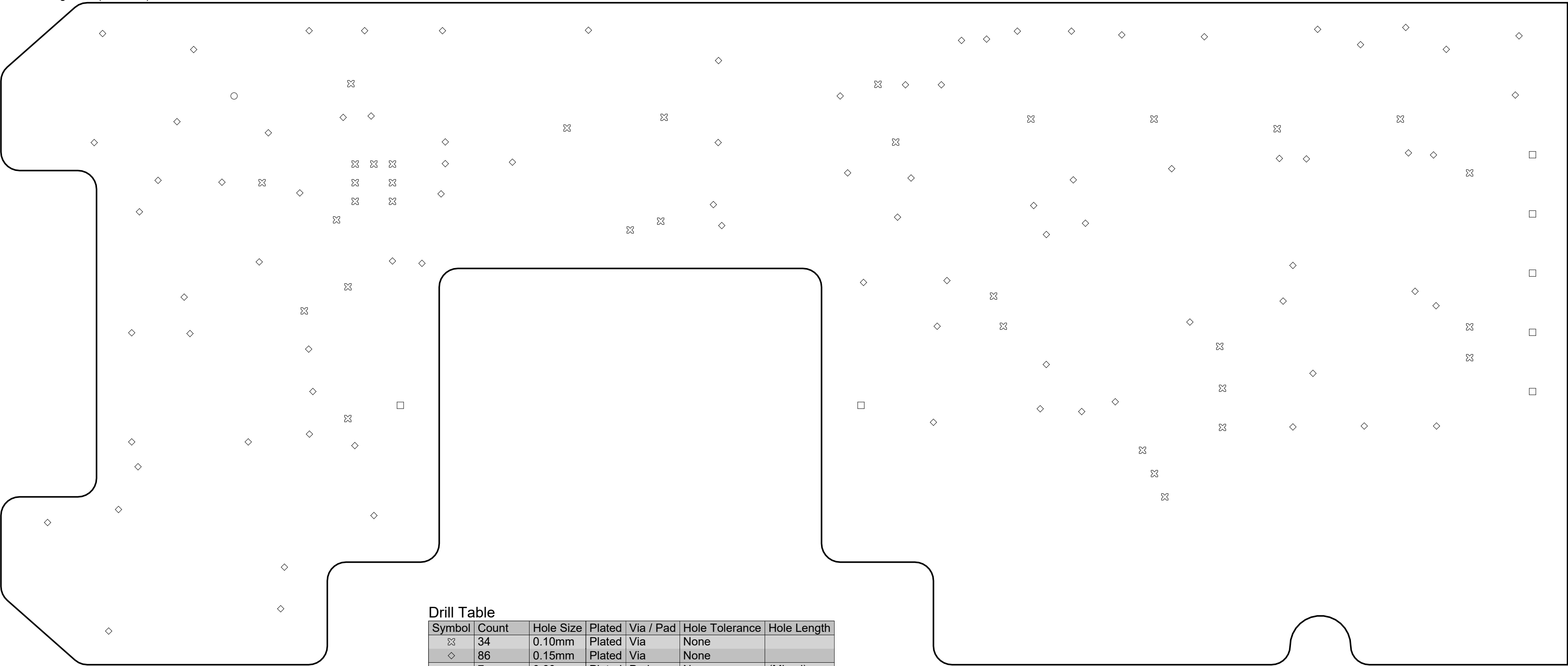
Bottom Assembly Drawing



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES:			CUSTOMER/PROJECT:  Innovation Zed		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING BOARD: FP 1	REVISION: 
						TITLE:  Drawings for 105358-3BA001-02	
DRAW	KaKa	SIGNATURE		DATE	26-12-2017	DWG NO.  105358-3CD001-01	
CHKD							
APPVD						SCALE 1:1	
MFG							
QA					MATERIAL/FINISH: ENIG	SHEET 3 OF 6	
					WEIGHT:		


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	
◇	86	0.15mm	Plated	Via	None	
□	7	0.60mm	Plated	Pad	None	(Mixed)
○	1	1.30mm	Plated	Pad	None	
	128 Total					

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		BOARD:  FP 1					
	NAME	SIGNATURE		DATE		TITLE:  Drawings for 105358-3BA001-02	
DRAW	KaKa			26-12-2017			
CHKD							
APPVD							
MFG					MATERIAL/FINISH:  ENIG	DWG NO.  105358-3CD001-01	A2
QA							
					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:  FP 1	
		NAME	SIGNATURE	DATE	TITLE:  Drawings for 105358-3BA001-02	
		DRAW	KaKa	26-12-2017		
		CHKD				
		APPVD				
		MFG				
		QA			MATERIAL/FINISH:  ENIG	DWG NO.  105358-3CD001-01
					WEIGHT:	A2
					SCALE 1:1	SHEET 5 OF 6

1

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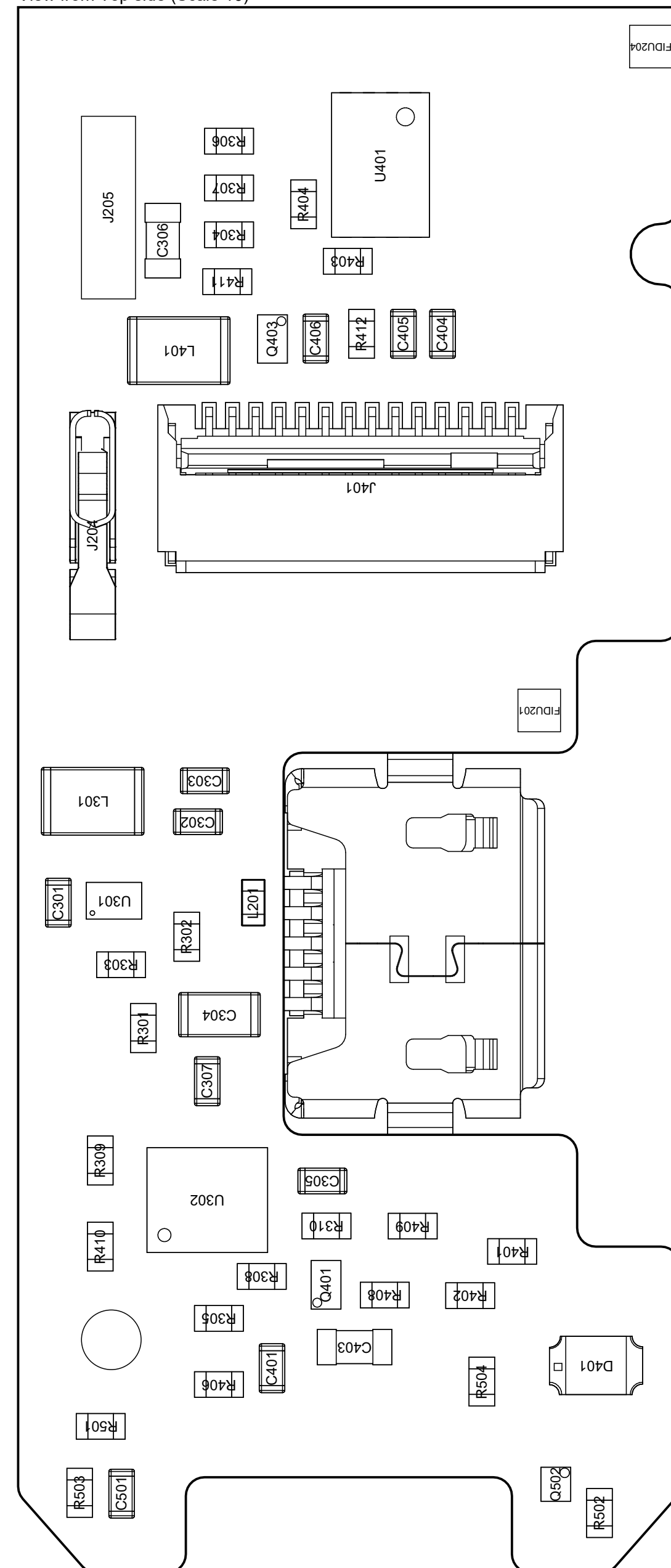
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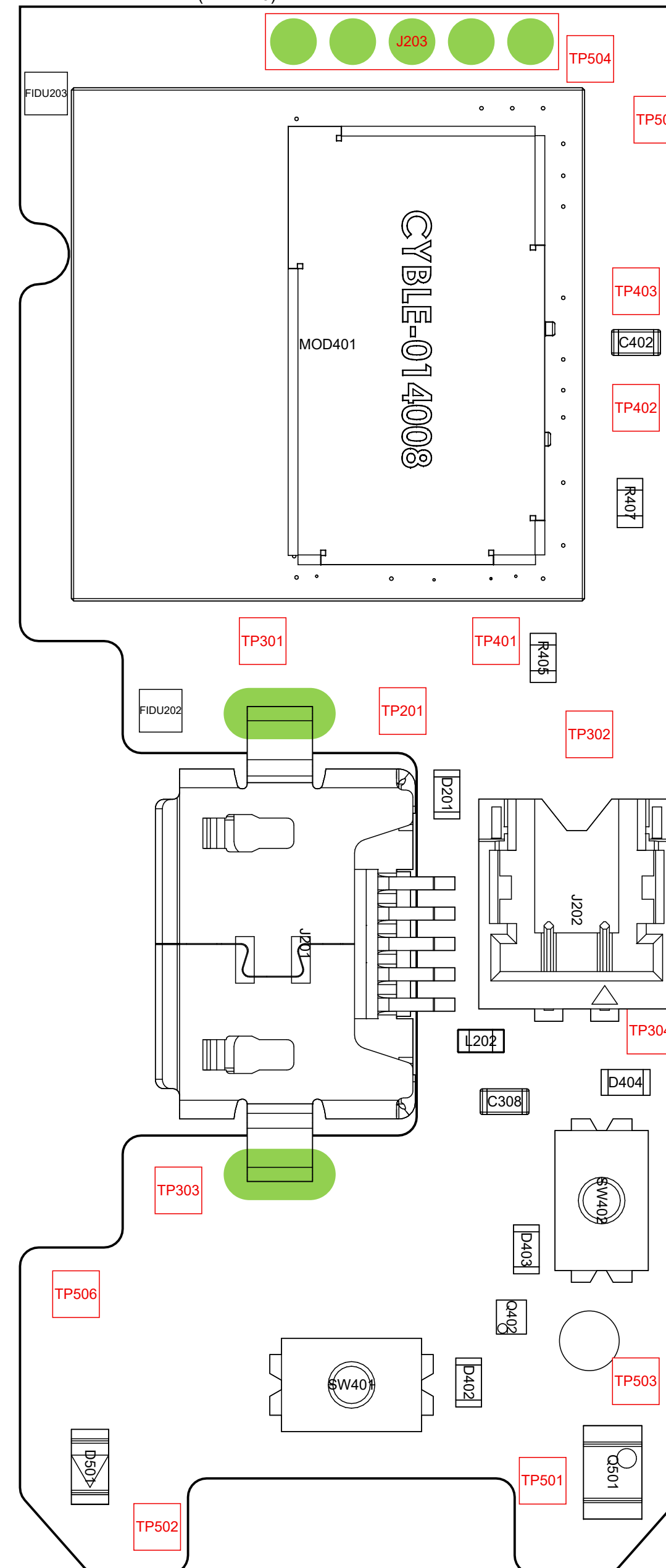
8


## Test Points

View from Top side (Scale 10)



View from Bottom side (Scale 10)



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						BOARD:  FP 1			
	NAME	SIGNATURE		DATE	TITLE:				
DRAW	KaKa			26-12-2017	Drawings for 105358-3BA001-02				
CHK'D									
APP'VD									
MFG									
QA									
			MATERIAL/FINISH:		DWG NO.				A2
			ENIG		105358-3CD001-01				
			WEIGHT:		SCALE 1:1			SHEET 6 OF 6	