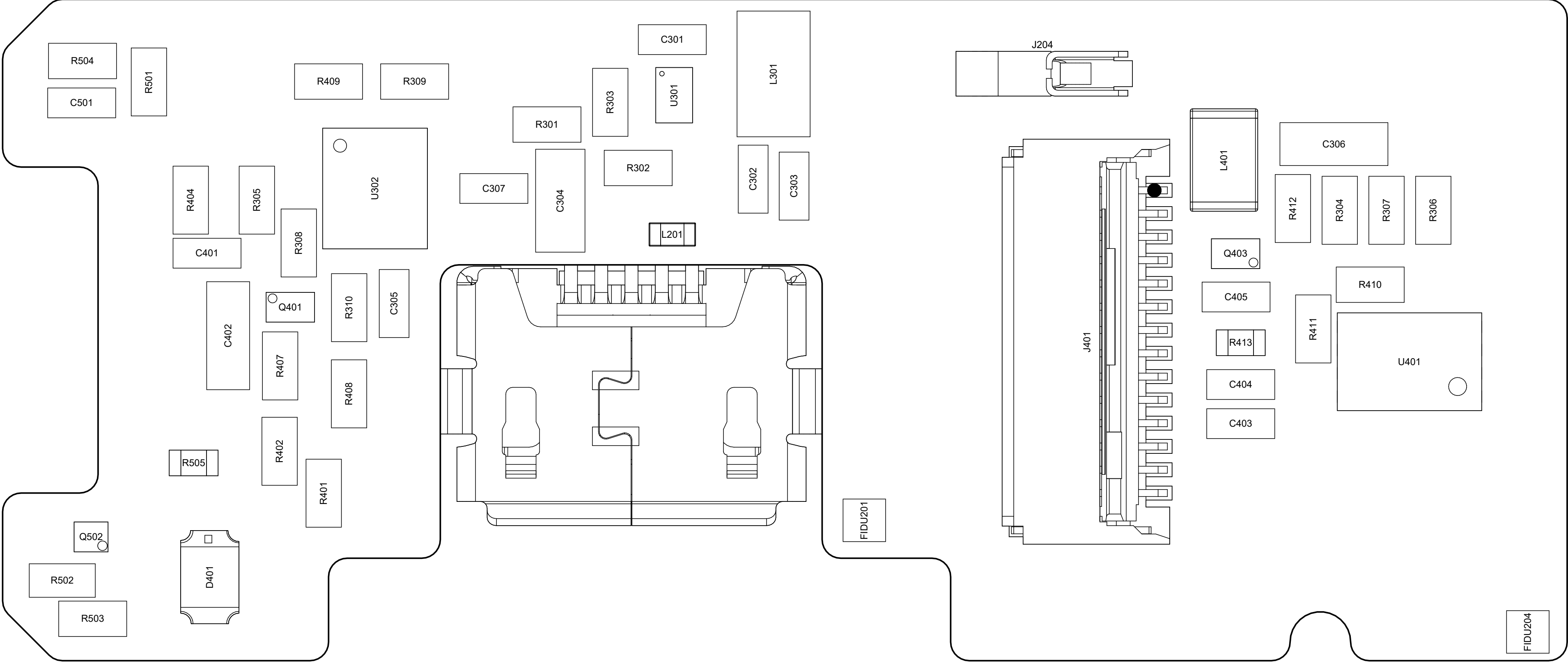



Top Assembly Drawing

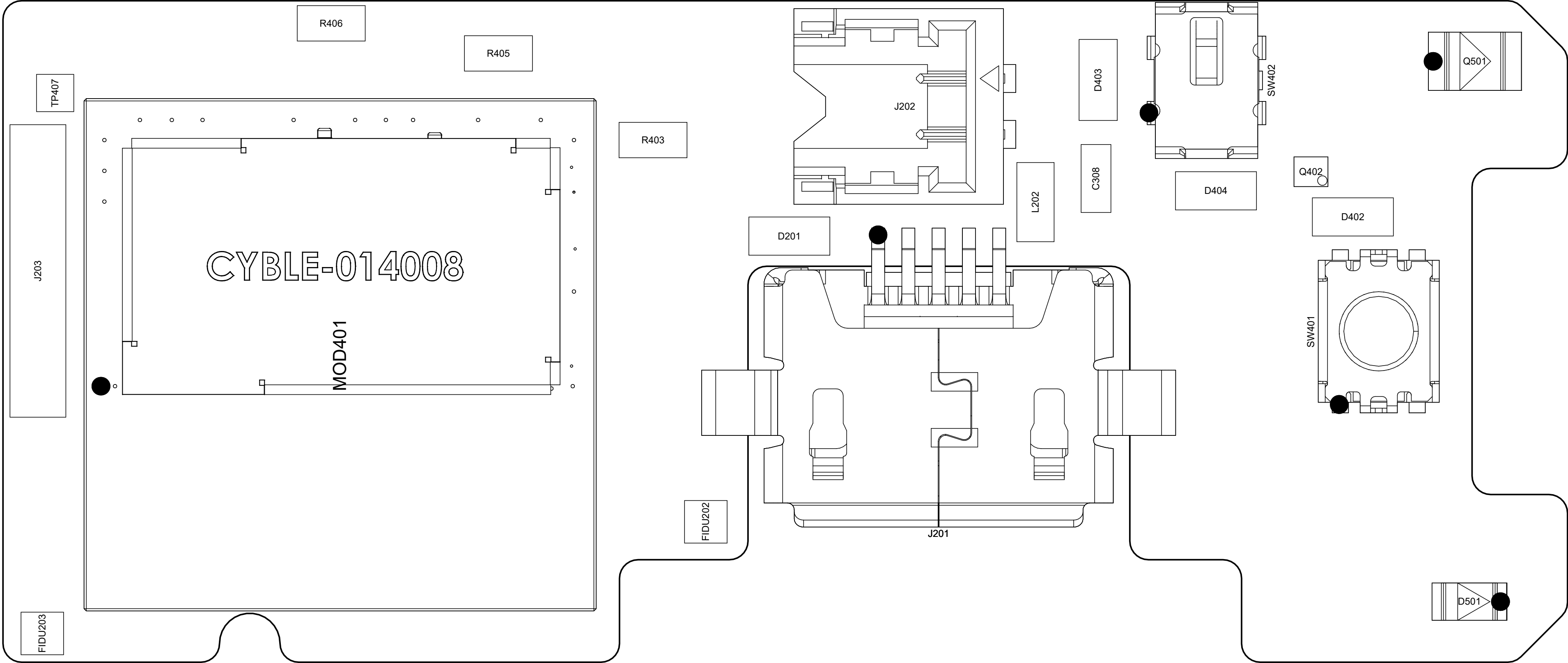
View from Top side (Scale 15)




| | | | | | | | | | |
|--|------------------|---|--|------------------------------|---|--|---|--|--|
| 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 | |  | | |
| | NAME | SIGNATURE | | DATE | TITLE: Drawings for 105358-3BA001-03-B | | | | |
| DRAW | KaKa | | | 2018-03-08 | | | | | |
| CHK'D | | | | | | | | | |
| APPV'D | | | | | | | | | |
| MFG | MIGHT Electronic | | | | DWG NO. 105358-3CD005-04 | | | | |
| QA | | | | MATERIAL/FINISH: ENIG | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | WEIGHT: | SCALE 1:1 | | SHEET 2 OF 6 | | |

Bottom Assembly Drawing

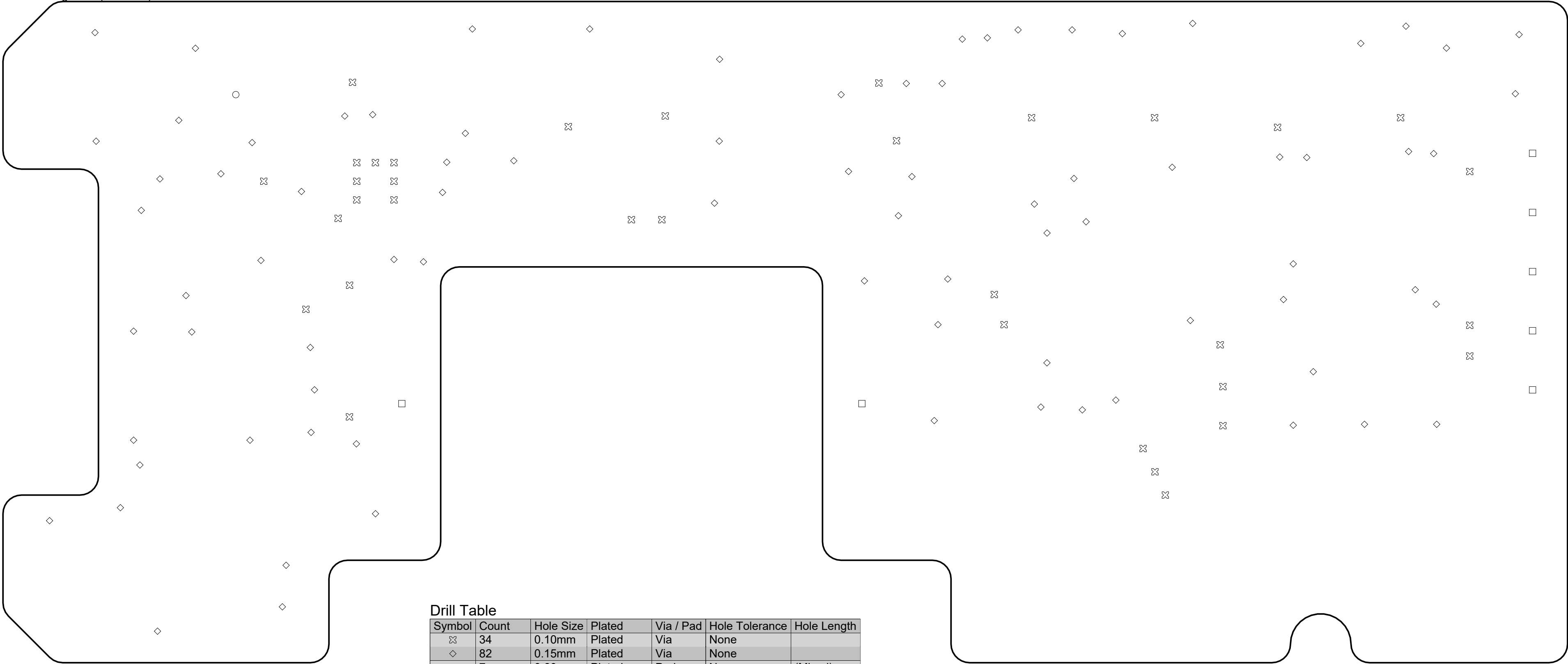
View from Bottom side (Scale 15)



| | | | | | | | | | |
|--|------------------|---|--|------------------------------|---|----------------------|--------------|---|--|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: | | CUSTOMER/PROJECT: Innovation Zed | | DEBURR AND BREAK SHARP EDGES | | DO NOT SCALE DRAWING | | REVISION: | |
| | | | | | | BOARD: EFP1 | |  | |
| | NAME | SIGNATURE | | DATE | TITLE: Drawings for 105358-3BA001-03-B | | | | |
| DRAW | KaKa | | | 2018-03-08 | | | | | |
| CHK'D | | | | | | | | | |
| APPV'D | | | | | | | | | |
| MFG | MIGHT Electronic | | | | MATERIAL/FINISH: ENIG | | | | |
| QA | | | | | | | | | |
| | | | | | DWG N0. 105358-3CD005-04 | | | | |
| | | | | | | | | | |
| | | | | | 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 | |
| ◇ | 82 | 0.15mm | Plated | Via | None | |
| □ | 7 | 0.60mm | Plated | Pad | None | (Mixed) |
| ○ | 1 | 1.30mm | Non-Plated | Pad | None | |
| | 124 Total | | | | | |

| | | | | | | | | | | |
|--|------------------|-----------|---|------------|------------------------------|---|--|-----------|--------------|--|
| 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-B | | | | |
| DRAW | KaKa | | | 2018-03-08 | | | | | | |
| CHKD | | | | | | | | | | |
| APPVD | | | | | | | | | | |
| MFG | MIGHT Electronic | | | | | MATERIAL/FINISH: ENIG | | | | |
| QA | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | WEIGHT: | | SCALE 1:1 | | | SHEET 4 OF 6 | |

1

2

3

4

5

6

7

8

1

2

3

4

5

6


7

8

Layer Stack Legend

| Material | Layer | Thickness | Dielectric Material | Type | Gerber |
|------------------------------------|--------------------|-------------------|---------------------|----------------|--------|
| Top Paste | Top Paste | | | Paste Mask | GTP |
| Surface Material | Top Solder | 0.015mm(0.60mil) | Solder Resist | Solder Mask | GTS |
| Copper | Component Side | 0.043mm(1.70mil) | | Signal | GTL |
| Prepreg | | 0.051mm(2.00mil) | FR-4 | Dielectric | |
| Copper | Inner Layer 1 | 0.036mm(1.40mil) | | Signal | G1 |
| Prepreg | | 0.089mm(3.50mil) | FR-4 | Dielectric | |
| Copper | Ground Plane (GND) | 0.036mm(1.40mil) | | Internal Plane | GP1 |
| Core | | 0.508mm(20.00mil) | FR-4 | Dielectric | |
| Copper | Power Plane (VCC) | 0.036mm(1.40mil) | | Internal Plane | GP2 |
| Prepreg | | 0.089mm(3.50mil) | FR-4 | Dielectric | |
| Copper | Inner Layer 2 | 0.036mm(1.40mil) | | Signal | G2 |
| Prepreg | | 0.051mm(2.00mil) | FR-4 | Dielectric | |
| Copper | Solder Side | 0.043mm(1.70mil) | | Signal | GBL |
| Surface Material | Bottom Solder | 0.015mm(0.60mil) | Solder Resist | Solder Mask | GBS |
| Bottom Paste | Bottom Paste | | | Paste Mask | GBP |
| Total thickness: 1.046mm(41.20mil) | | | | | |

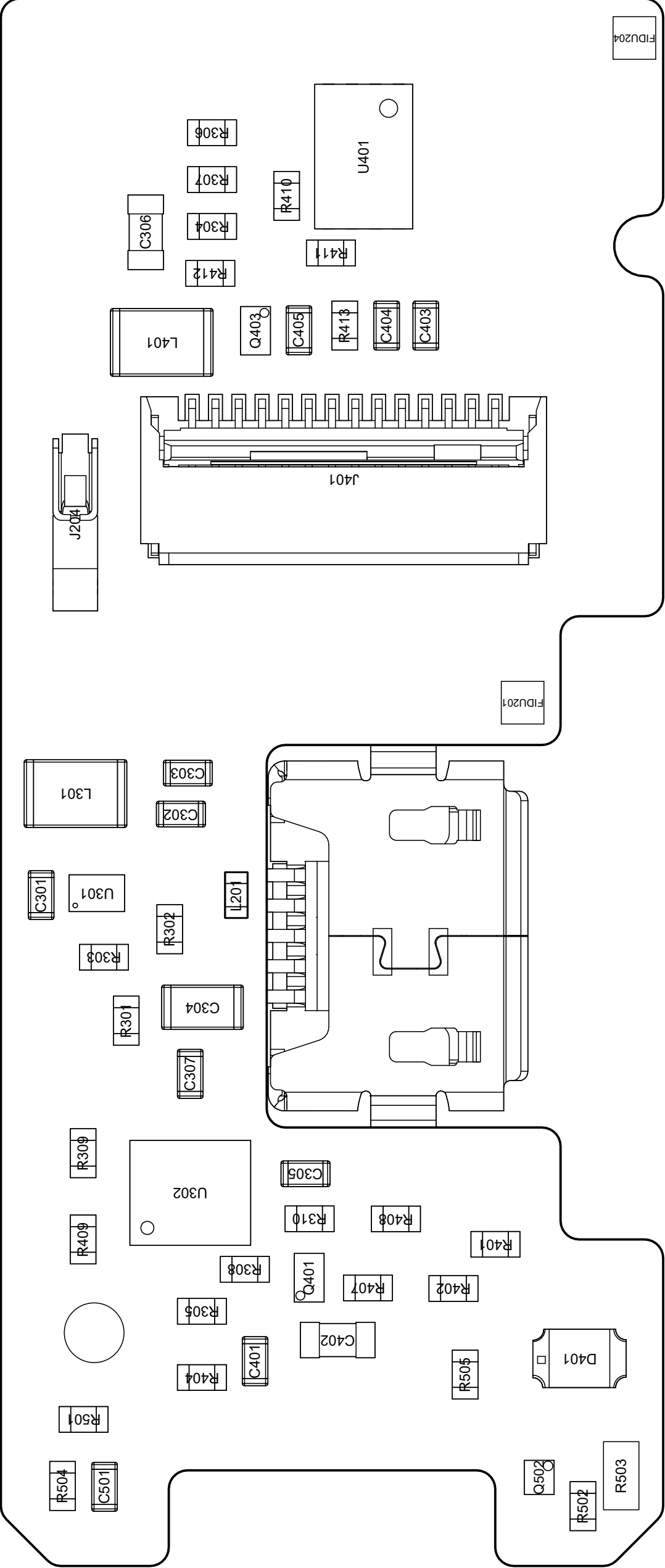
Solder Mask Color – Black
Surface treatment- Electroless Nickel Immersion Gold (ENIG)
OverLay Text Color- None

| | | | | | | | | | | | |
|--|------------------|---|--|------------------------------|---------------------------------|---------------------------------|--|---|--------------|--|--|
| 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-B | | | | | |
| | NAME | SIGNATURE | | DATE | DWG NO. 105358-3CD005-04 | | | | | | |
| DRAW | KaKa | | | 2018-03-08 | | | | | | | |
| CHK'D | | | | | | | | | | | |
| APPV'D | | | | | | | | | | | |
| MFG | MIGHT Electronic | | | | MATERIAL/FINISH: ENIG | | | | A2 | | |
| QA | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | WEIGHT: | | | | SHEET 5 OF 6 | | |
| | | | | | | | | | | | |

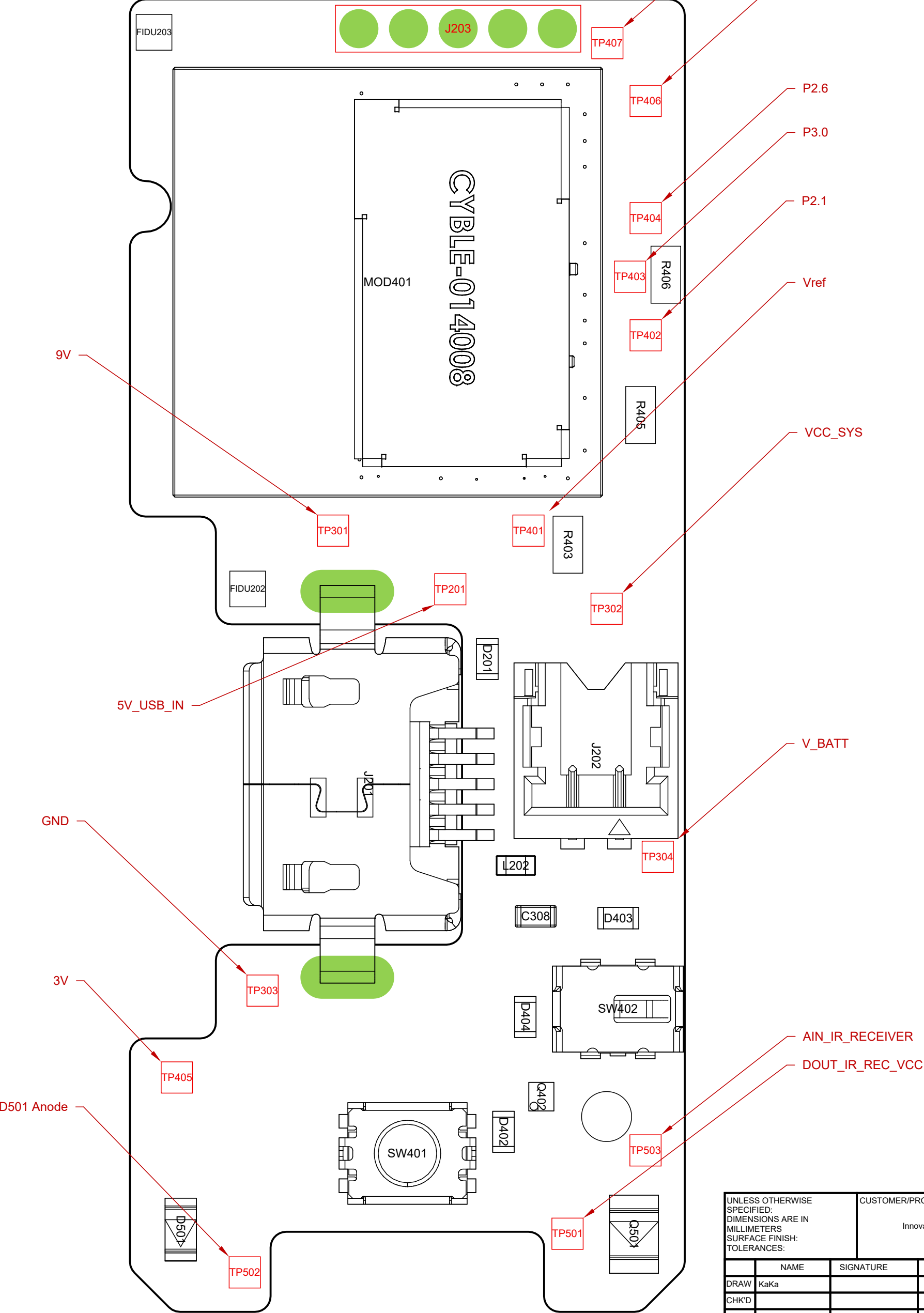
A2


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 | |
| DRAW | | KaKa | | | | | | 2018-03-08 | |
| CHK'D | | | | | | | | | |
| APPV'D | | | | | | | | | |
| MFG | | MIGHT Electronic | | | | | | | |
| QA | | | | | | MATERIAL/FINISH: ENIG | | DWG NO. 105358-3CD005-04 | |
| | | | | | | | | | |
| | | | | | | | | A2 | |
| | | | | | | | | | |
| | | | | | | WEIGHT: | | SCALE 1:1 | |
| | | | | | | | | SHEET 6 OF 6 | |