
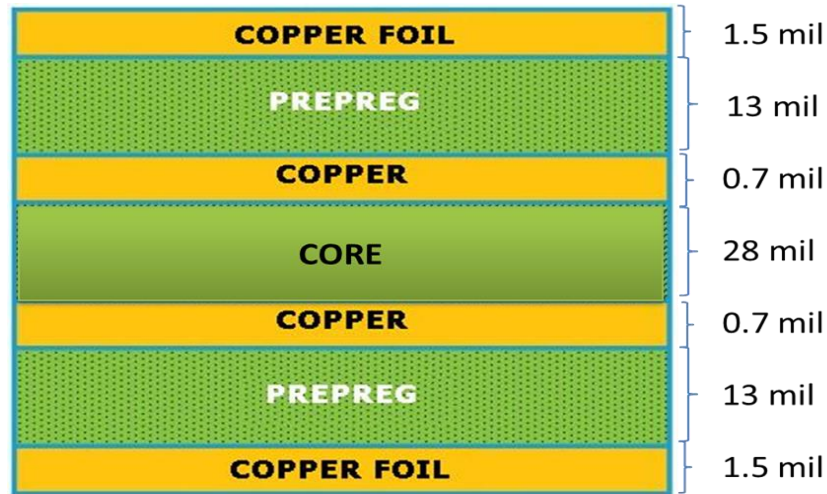


| Revision History | | |
|------------------|-------------|--------------|
| Level | Date | Description |
| Rev D | 05-Apr-2023 | Final Design |
| | | |
| | | |

Catena 4612 PCB Layout Fabrication Drawing

| | | |
|--|-------------------------------|---------|
|  Copyright© 2023 MCCI Corporation | | |
| Title : Catena 4612 PCB Layout Fabrication Drawing | | |
| Date : 05-Apr-2023 | Drawing number : 234001111 | Rev - D |



Stackup:

| Thickness | Thickness (mm) | Layer | Tolerance | Tolerance (mm) |
|-----------|----------------|---------------|-----------|----------------|
| 1 mil | .025 | Solder Mask | ±0.25mil | ±0.01 |
| 1.5 mil | .04 | 1 oz copper | +0.5mil | ±0.02 |
| 13 mil | .33 | FR4 Prepreg | | |
| 0.7 mil | .02 | 0.5 oz copper | | |
| 28 mil | .7 | FR4 Core | | |
| 0.7 mil | .02 | 0.5 oz copper | | |
| 13 mil | .33 | FR4 Prepreg | | |
| 1.5 mil | .04 | 1 oz copper | +0.5mil | ±0.02 |
| 1 mil | .025 | Solder Mask | ±0.25mil | ±0.01 |

PCB Substrate dielectric constant of 3.95 @ 1GHz

Note : All the Measurements in mils

4-Layer PCB Stackup Model

MCCI

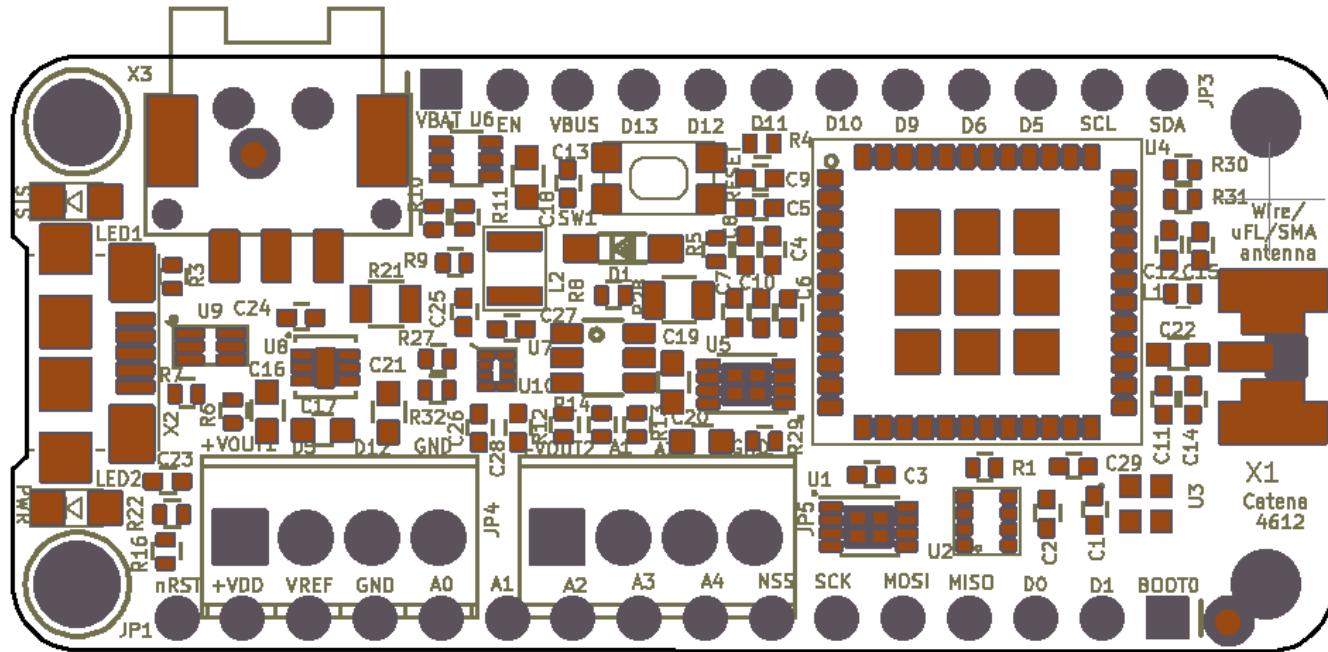
Copyright© 2023 MCCI Corporation

Title : Catena 4618 PCB Layout Fabrication Drawing - Stackup Model

Date : 01-Feb-2023

Drawing number :
234001206

Rev - B



Components Assembly Top

MCCI

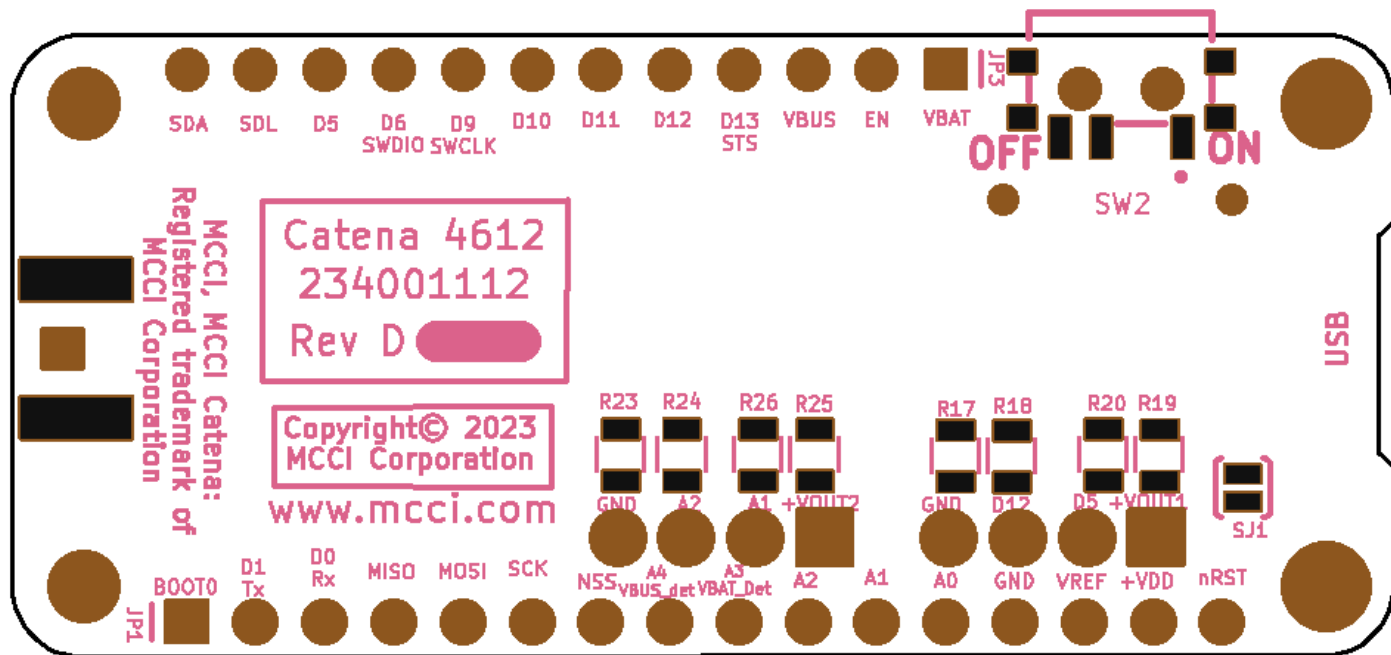
Copyright© 2023 MCCI Corporation

Title : Catena 4612 PCB Layout Fabrication Drawing - Assembly Top

Date : 05-Apr-2023

Drawing number :
234001111

Rev - D



Components Assembly Bottom

MCCI

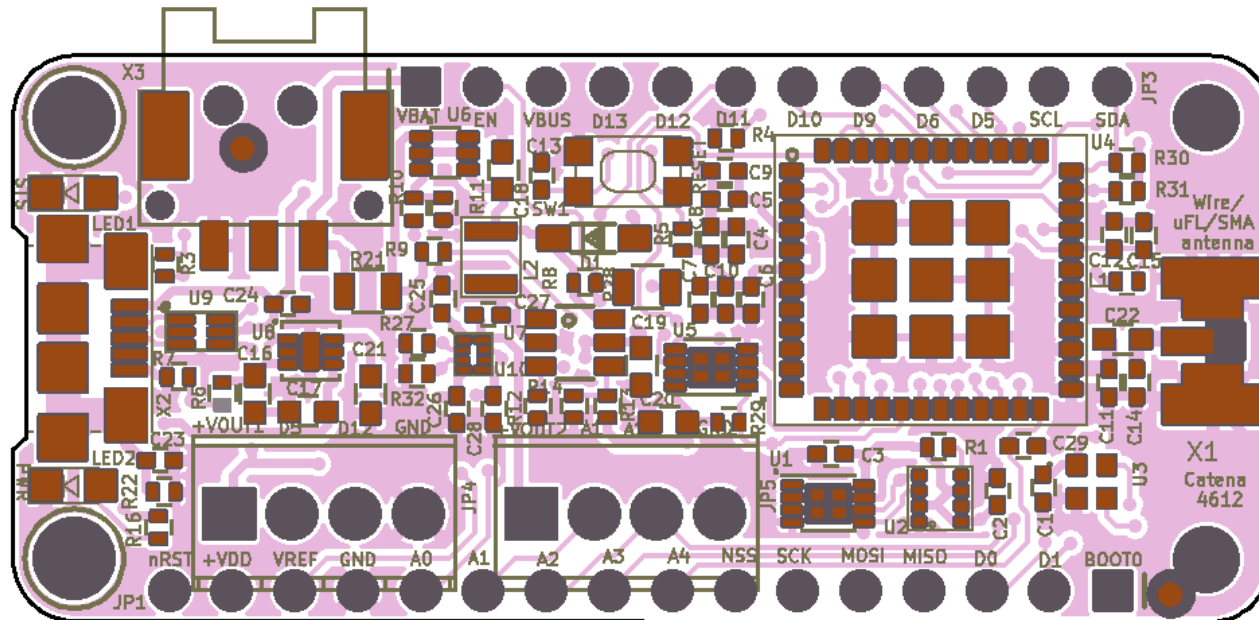
Copyright© 2023 MCCI Corporation

Title : Catena 4612 PCB Layout Fabrication Drawing - Assembly Bottom

Date : 05-Apr-2023

Drawing number :
234001111

Rev - D



Top Layer

MCCI

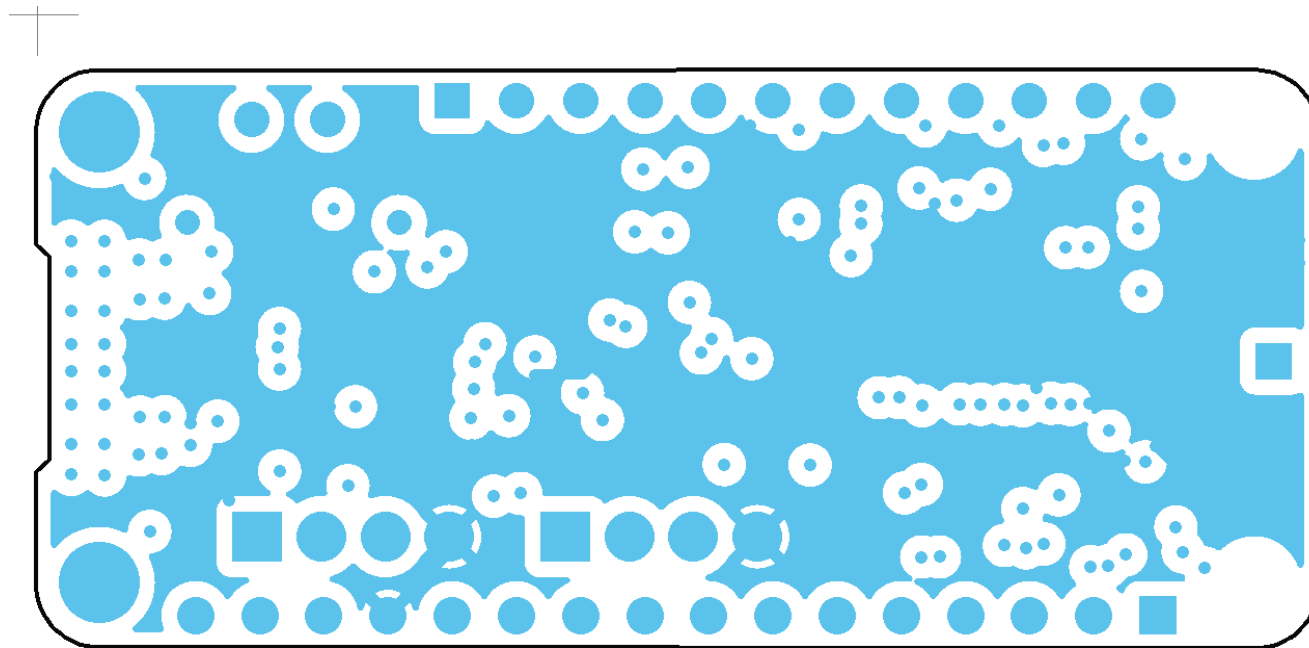
Copyright© 2023 MCCI Corporation

Title : Catena 4612 PCB Layout Fabrication Drawing - Top Layer

Date : 05-Apr-2023

Drawing number :
234001111

Rev - D



Ground Layer

MCCI

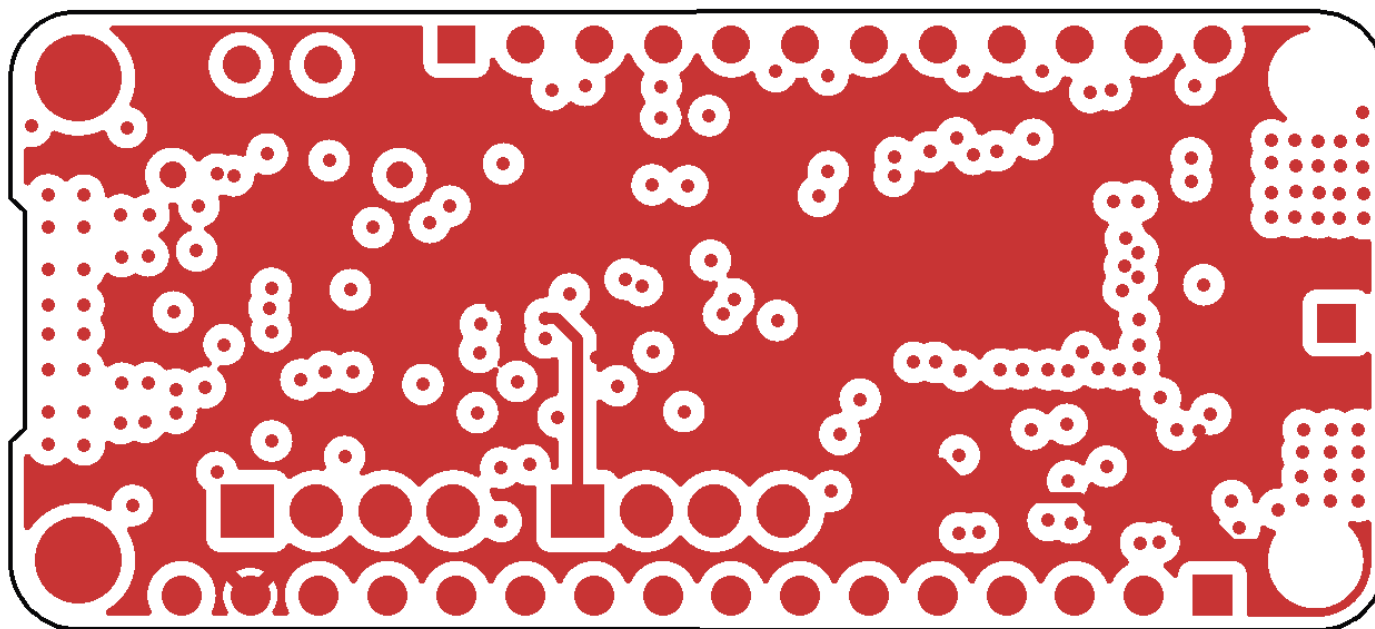
Copyright© 2023 MCCI Corporation

Title : Catena 4612 PCB Layout Fabrication Drawing - Ground Layer

Date : 05-Apr-2023

Drawing number :
234001111

Rev - D



Power Layer

MCCI

Copyright© 2023 MCCI Corporation

Title : Catena 4612 PCB Layout Fabrication Drawing - Power Layer

Date : 05-Apr-2023

Drawing number :
234001111

Rev - D

