
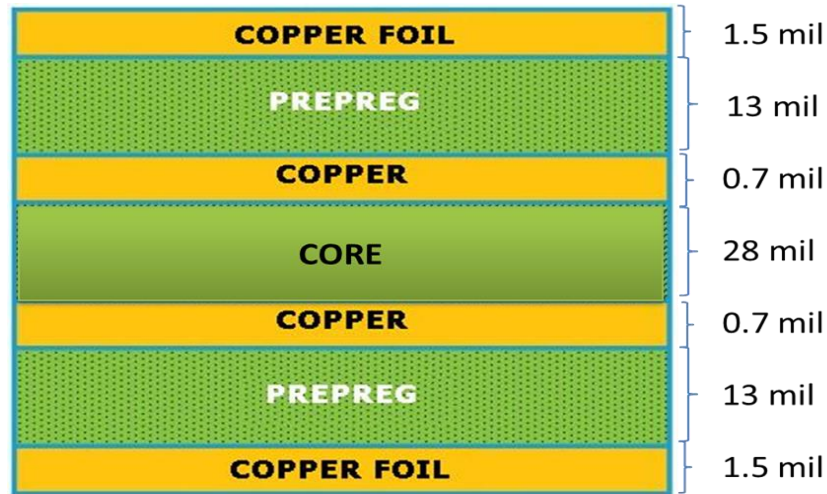


Revision History		
Level	Date	Description
Rev A	28-Oct-2020	Initial Design
Rev C	01-Feb-2023	Final Revision

Catena 4801 PCB Layout Fabrication Drawing

 Copyright© 2023 MCCI Corporation		
Title : Catena 4801 Shield PCB Layout Fabrication Drawing		
Date : 01-Feb-2020	Drawing number : 234001117	Rev - C



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

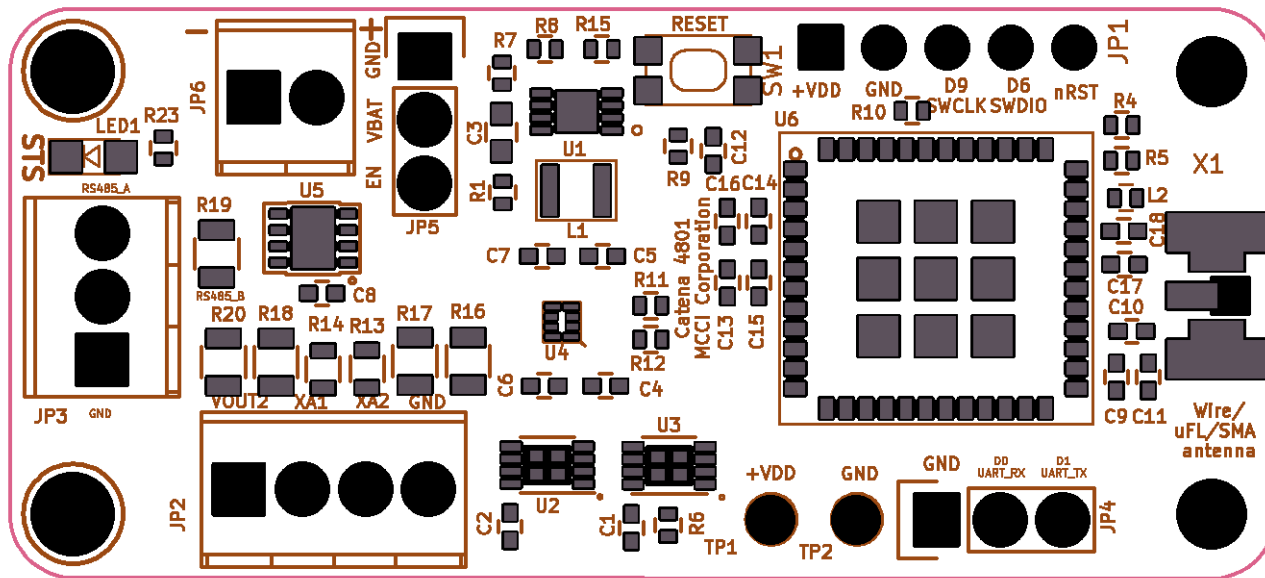
Copyright© 2023 MCCI Corporation

Title : Catena 4801 Shield PCB Layout Fabrication Drawing - Stackup Model

Date : 01-Feb-2023

Drawing number :
234001117

Rev - C



Components Assembly Top

MCCI

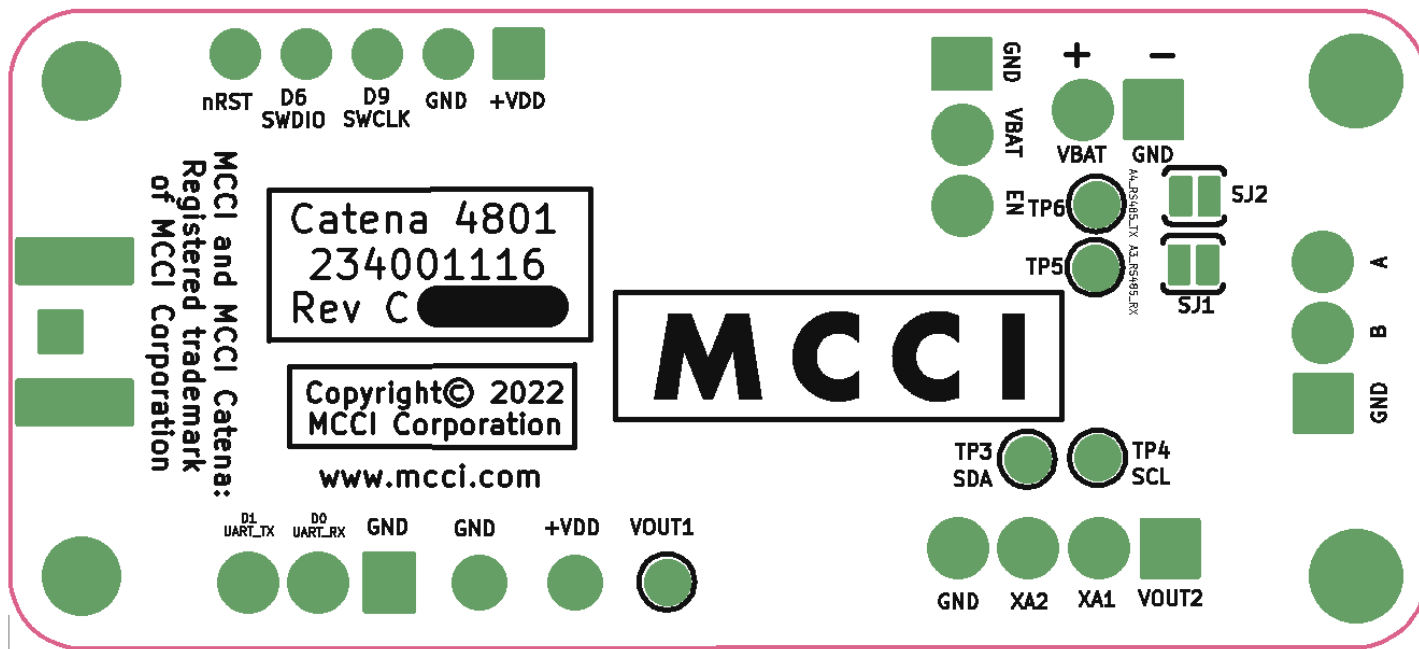
Copyright© 2023 MCCI Corporation

Title : Catena 4801 PCB Layout Fabrication Drawing - Assembly Top

Date : 01-Feb-2023

Drawing number :
234001117

Rev - C



Components Assembly Bottom

MCCI

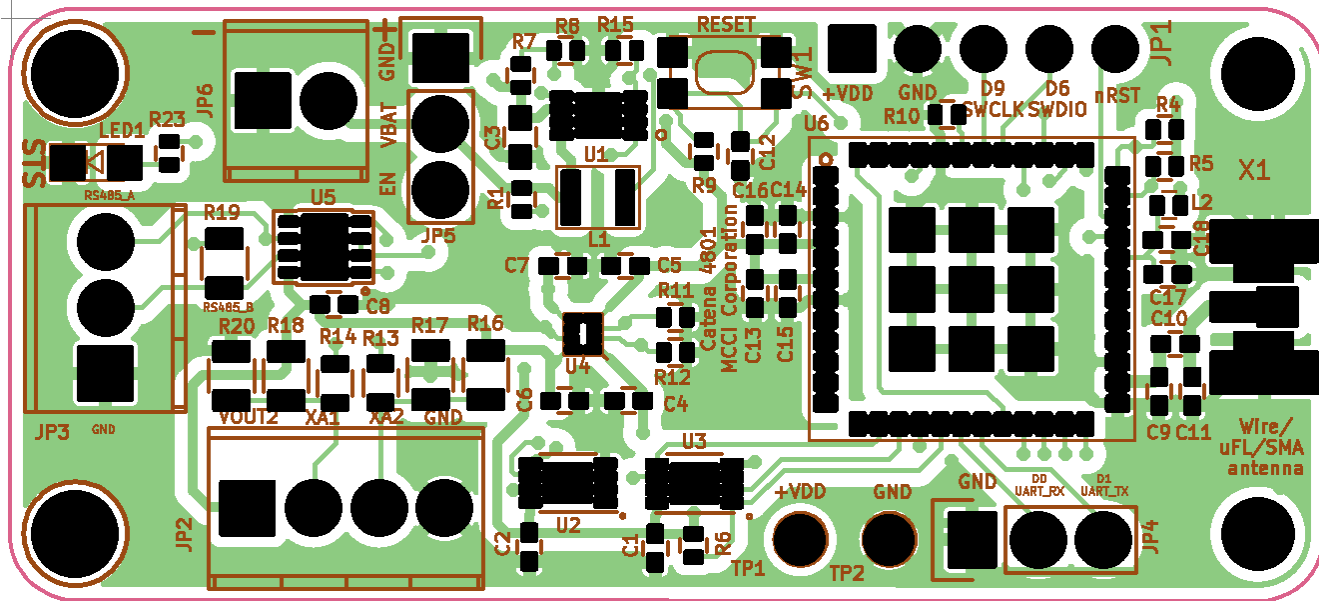
Copyright© 2023 MCCI Corporation

Title : Catena 4801 PCB Layout Fabrication Drawing - Assembly Bottom

Date : 01-Feb-2023

Drawing number :
234001117

Rev - C



Top Layer

MCCI

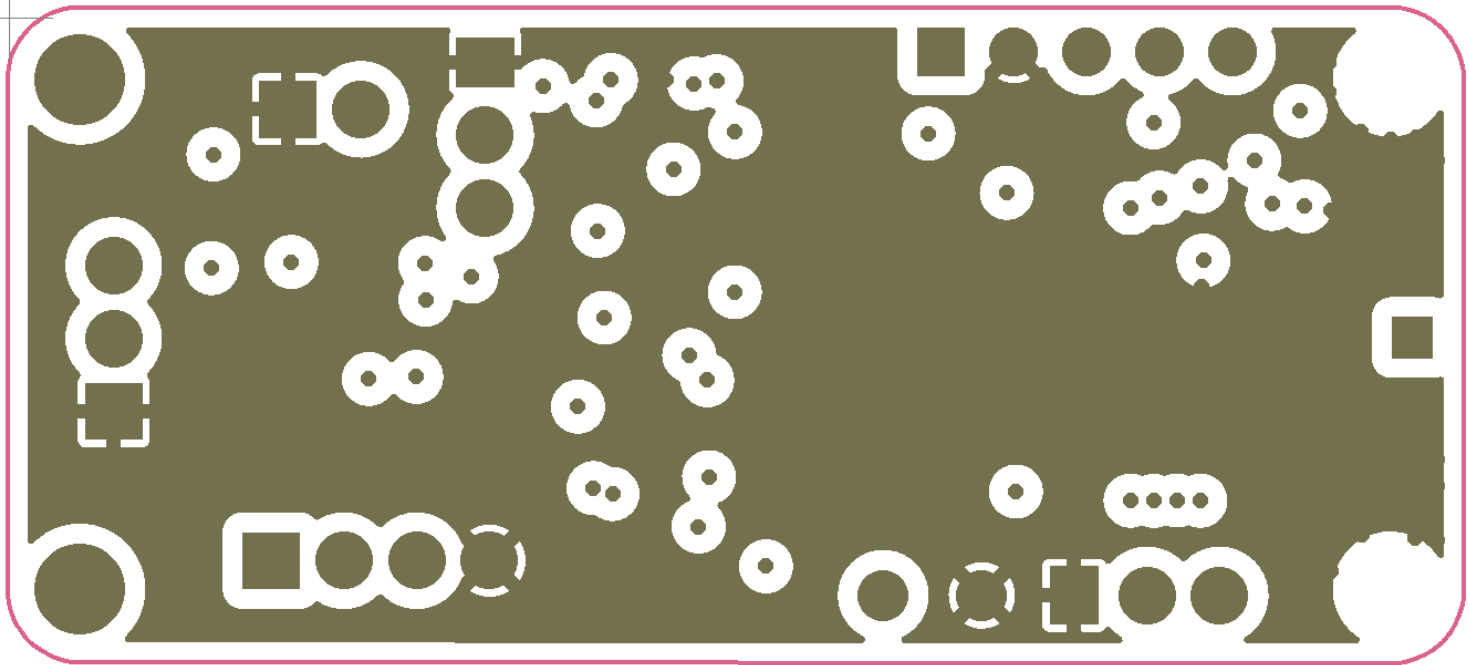
Copyright© 2023 MCCI Corporation

Title : Catena 4801 PCB Layout Fabrication Drawing - Top Layer

Date : 01-Feb-2023

Drawing number :
234001117

Rev - C



Ground Layer

MCCI

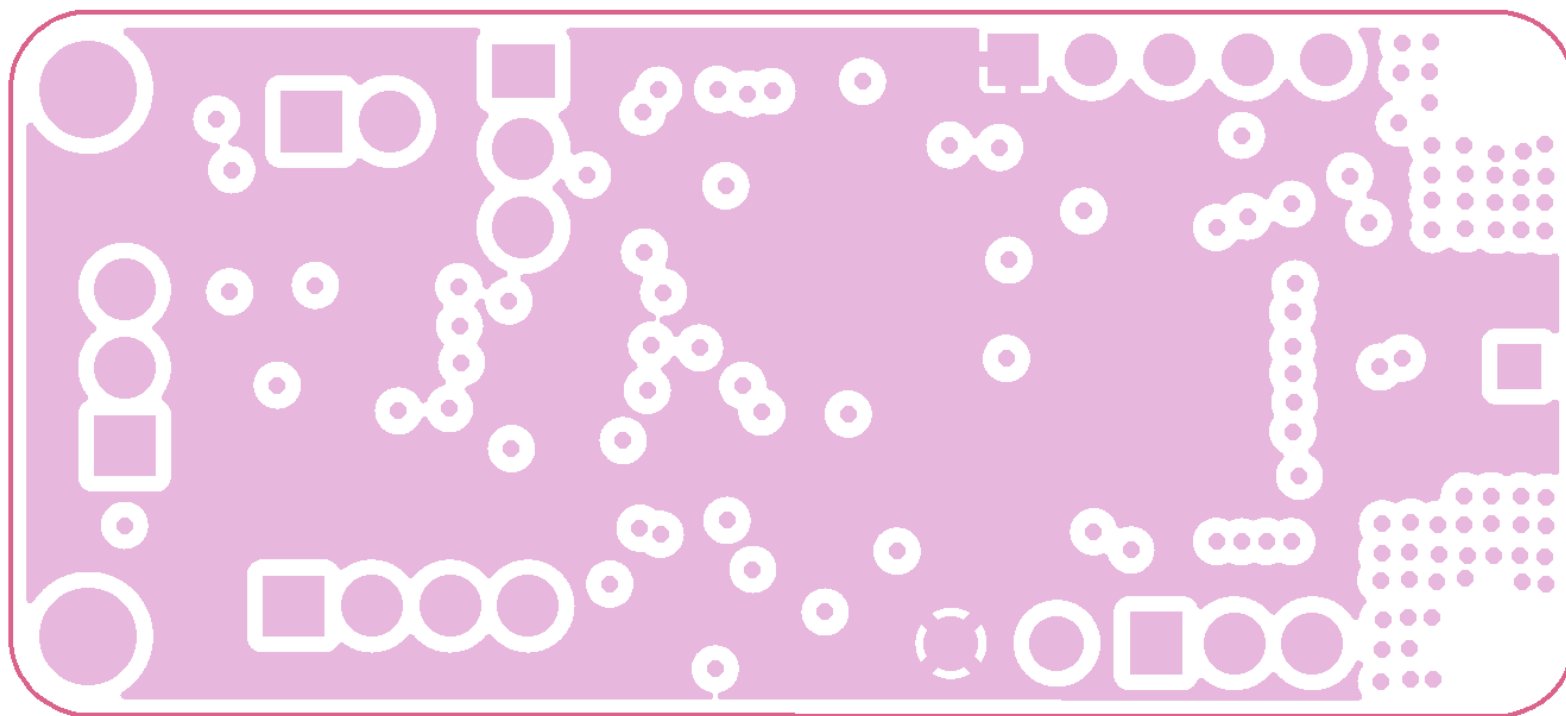
Copyright© 2023 MCCI Corporation

Title : Catena 4801 PCB Layout Fabrication Drawing - Ground Layer

Date : 01-Feb-2023

Drawing number :
234001117

Rev - C



Power Layer

MCCI

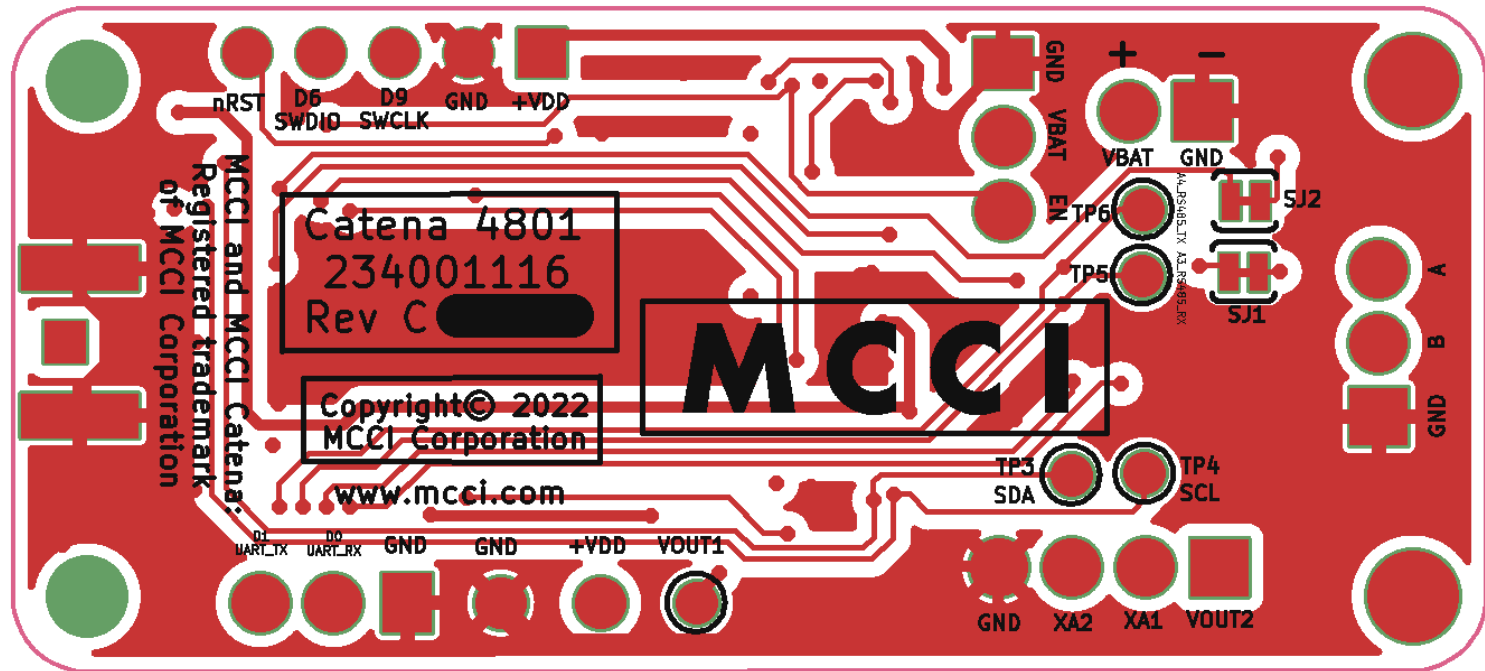
Copyright© 2023 MCCI Corporation

Title : Catena 4801 PCB Layout Fabrication Drawing - Power Layer

Date : 01-Feb-2023

Drawing number :
234001117

Rev - C



Bottom Layer



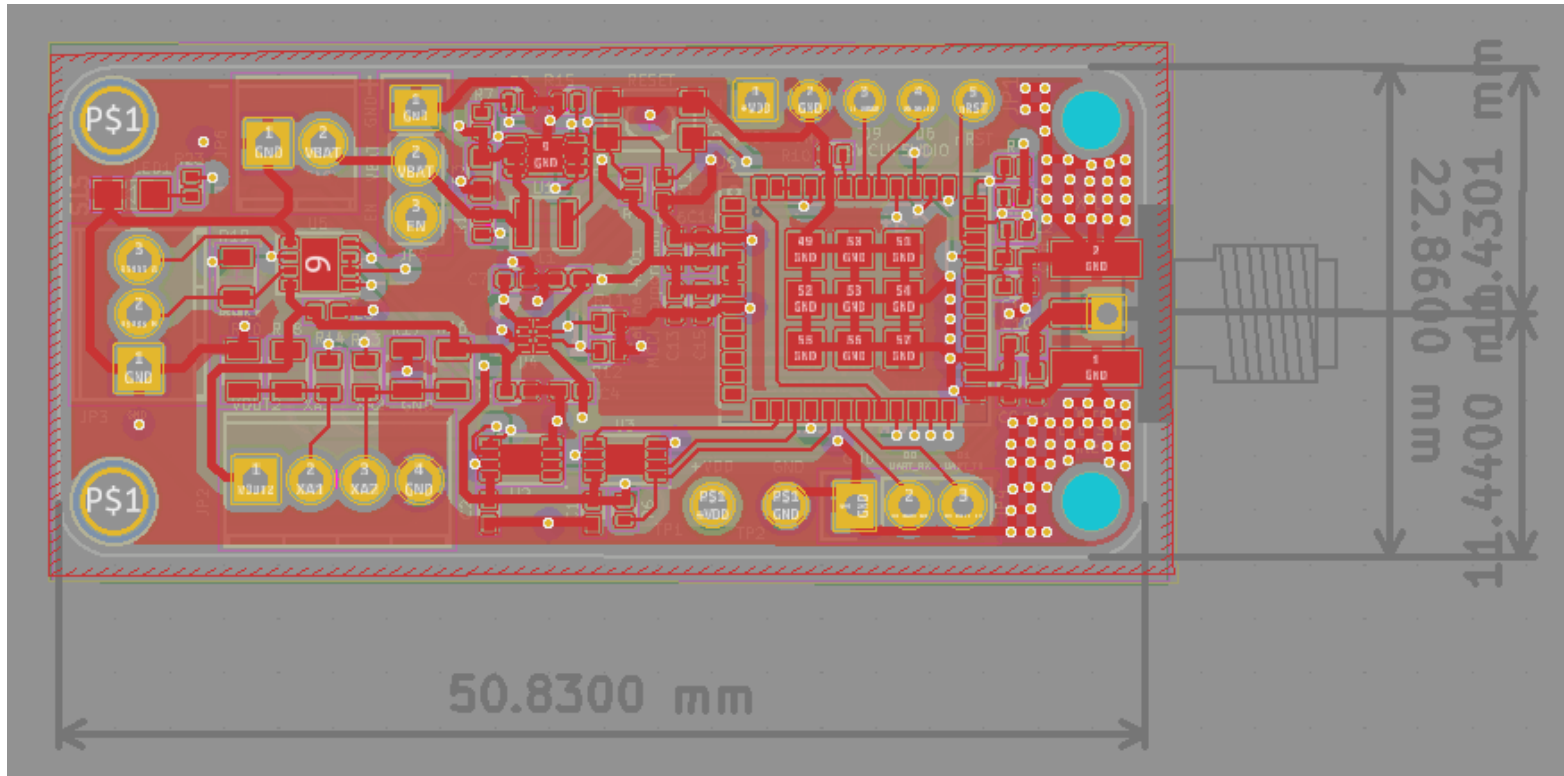
Copyright© 2023 MCCI Corporation

Title : Catena 4801 PCB Layout Fabrication Drawing - Bottom Layer

Date : 01-Feb-2023

Drawing number :
234001117

Rev - C



Board Dimension

MCCI

Copyright© 2023 MCCI Corporation

Title : Catena 4801 PCB Layout Fabrication Drawing - Board Dimension

Date : 01-Feb-2023

Drawing number :
234001117

Rev - C