
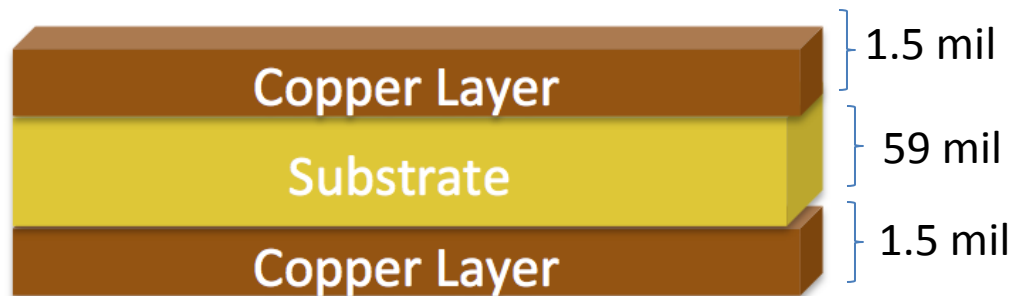


Revision History		
Level	Date	Description
Rev-B	20-May-2018	Lux Sensor DVI -> IReset

Catena 4470 MCCI LW
Feather Sensor RS485
Shield PCB Layout
Fabrication Drawing

 Copyright© 2018 MCCI Corporation		
Title : Catena 4470 MCCI LW Feather Sensor RS485 Shield PCB Layout Fabrication Drawing		
Date : 20-May-2018	Drawing number : 234001079	Rev - B



Thickness	Layer	Tolerance
.75 mil	Solder Mask	±0.25mil
1.5 mil	1 oz copper	+0.5mil
59 mil	FR4 Substrate	
1.5 mil	1 oz copper	+0.5mil
.75 mil	Solder Mask	±0.25mil

PCB Substrate dielectric constant of 3.95 @ 1GHz

Note : All the Measurements in mils

2-Layer PCB Stackup Model

MCCI

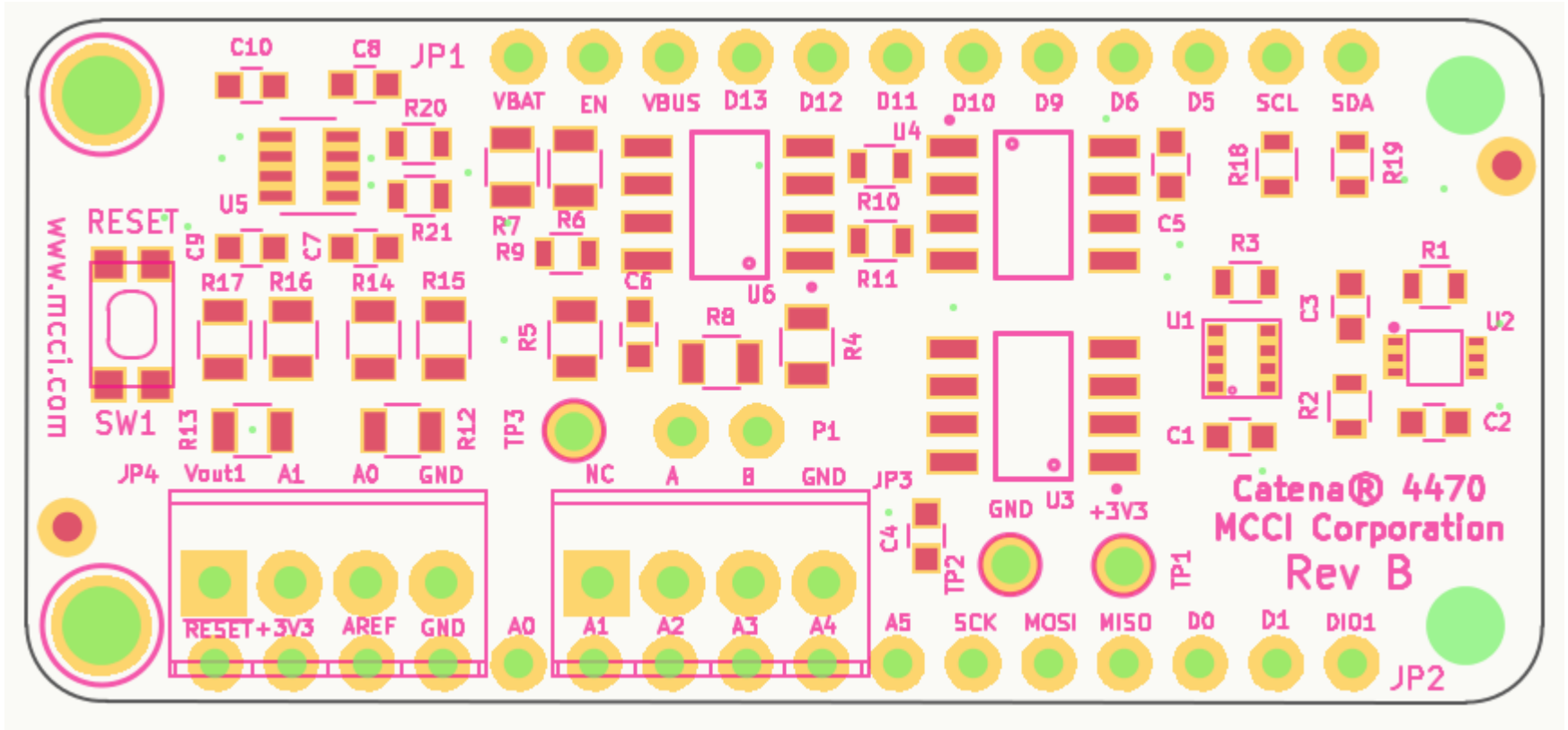
Copyright© 2018 MCCI Corporation

Title : Catena 4470 MCCI LW Feather Sensor RS485 Shield PCB Layout
Fabrication Drawing - Stackup model

Date : 20-May-
2018

Drawing number :
234001079

Rev - B



Components Assembly Top

MCCI

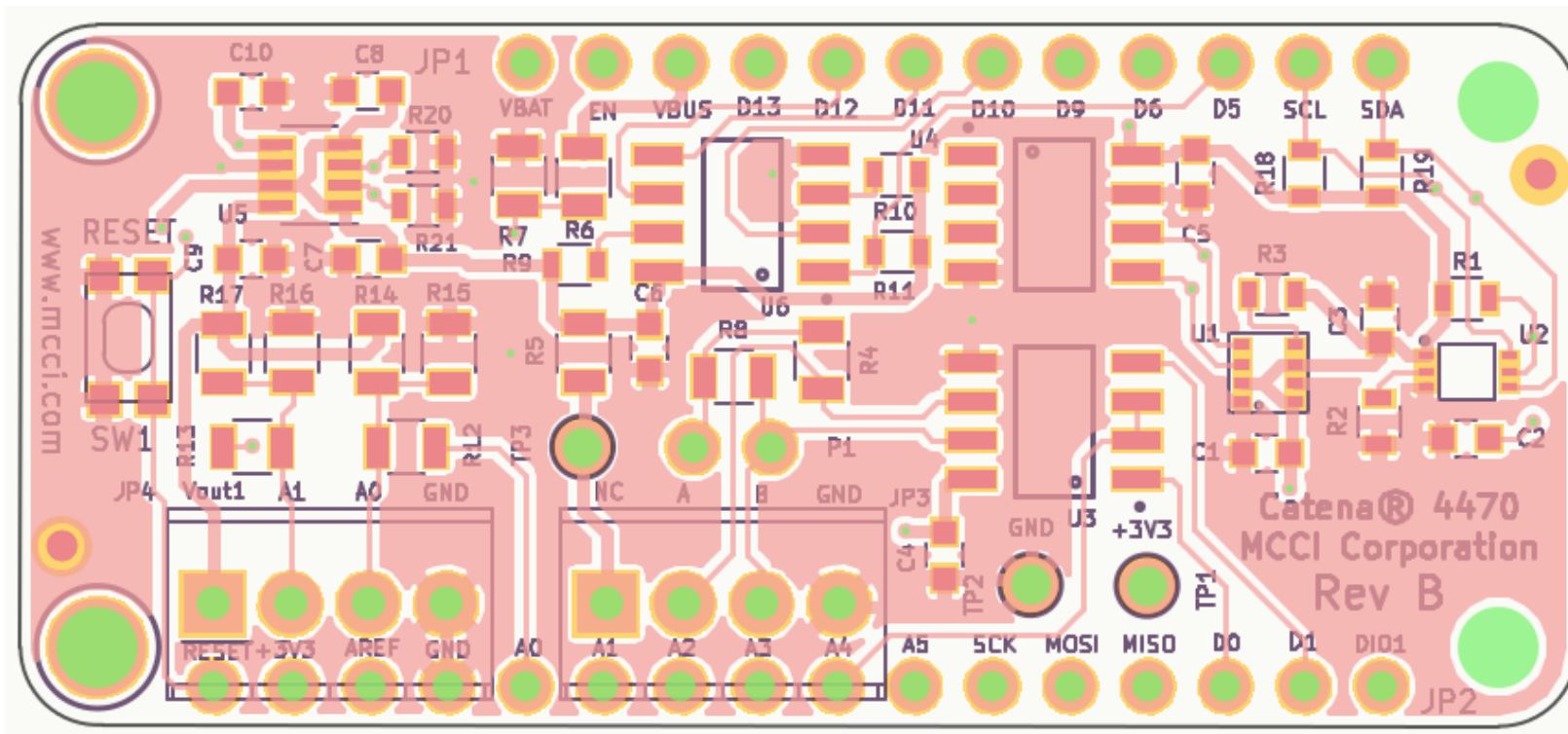
Copyright© 2018 MCCI Corporation

Title : Catena 4470 MCCI LW Feather Sensor RS485 Shield PCB Layout
Fabrication Drawing - Assembly Top

Date : 20-May-
2018

Drawing number :
234001079

Rev - B



Top Layer

MCCI

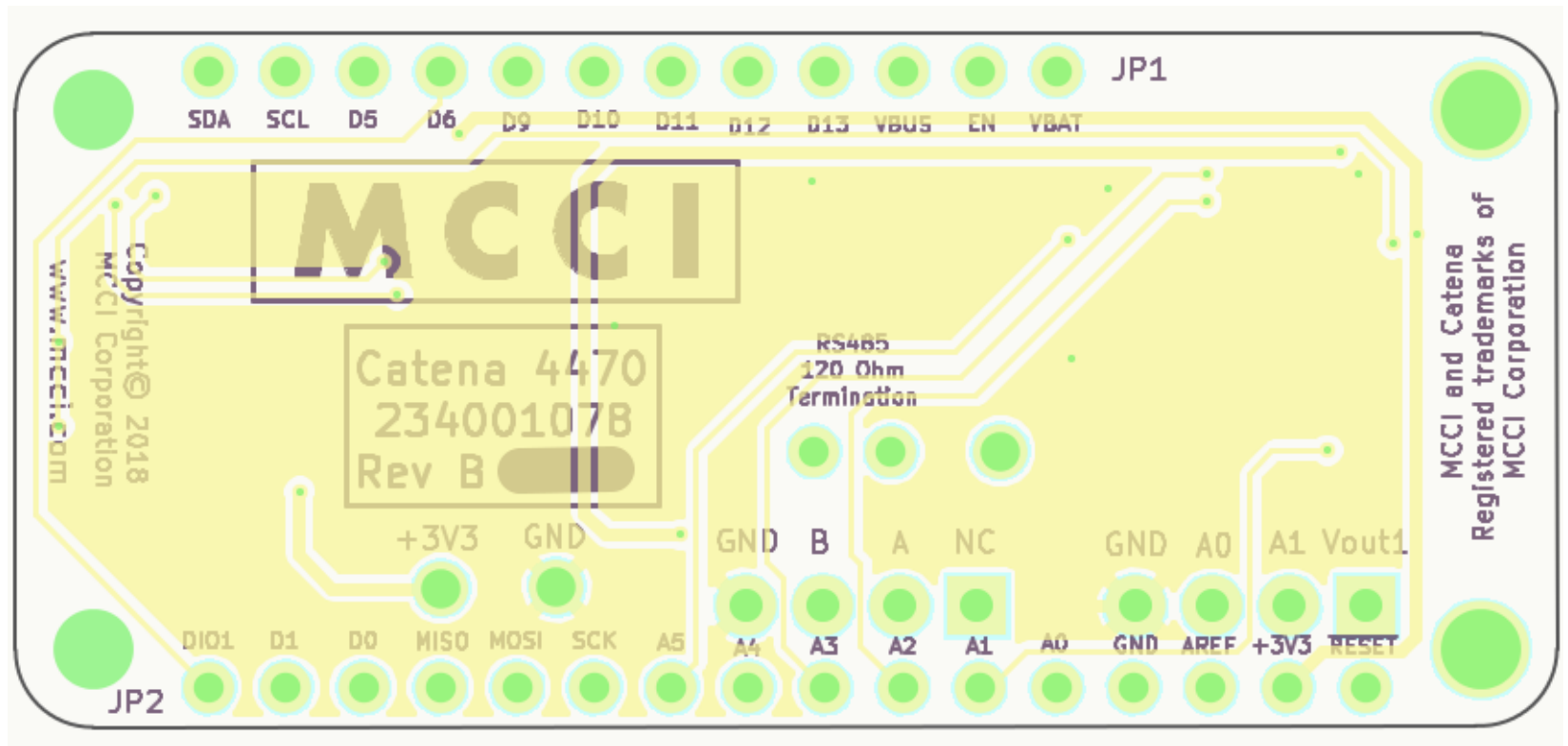
Copyright© 2018 MCCI Corporation

Title : Catena 4470 MCCI LW Feather Sensor RS485 Shield PCB Layout
Fabrication Drawing - Top Layer

Date : 20-May-
2018

Drawing number :
234001079

Rev - B



Bottom Layer

MCCI

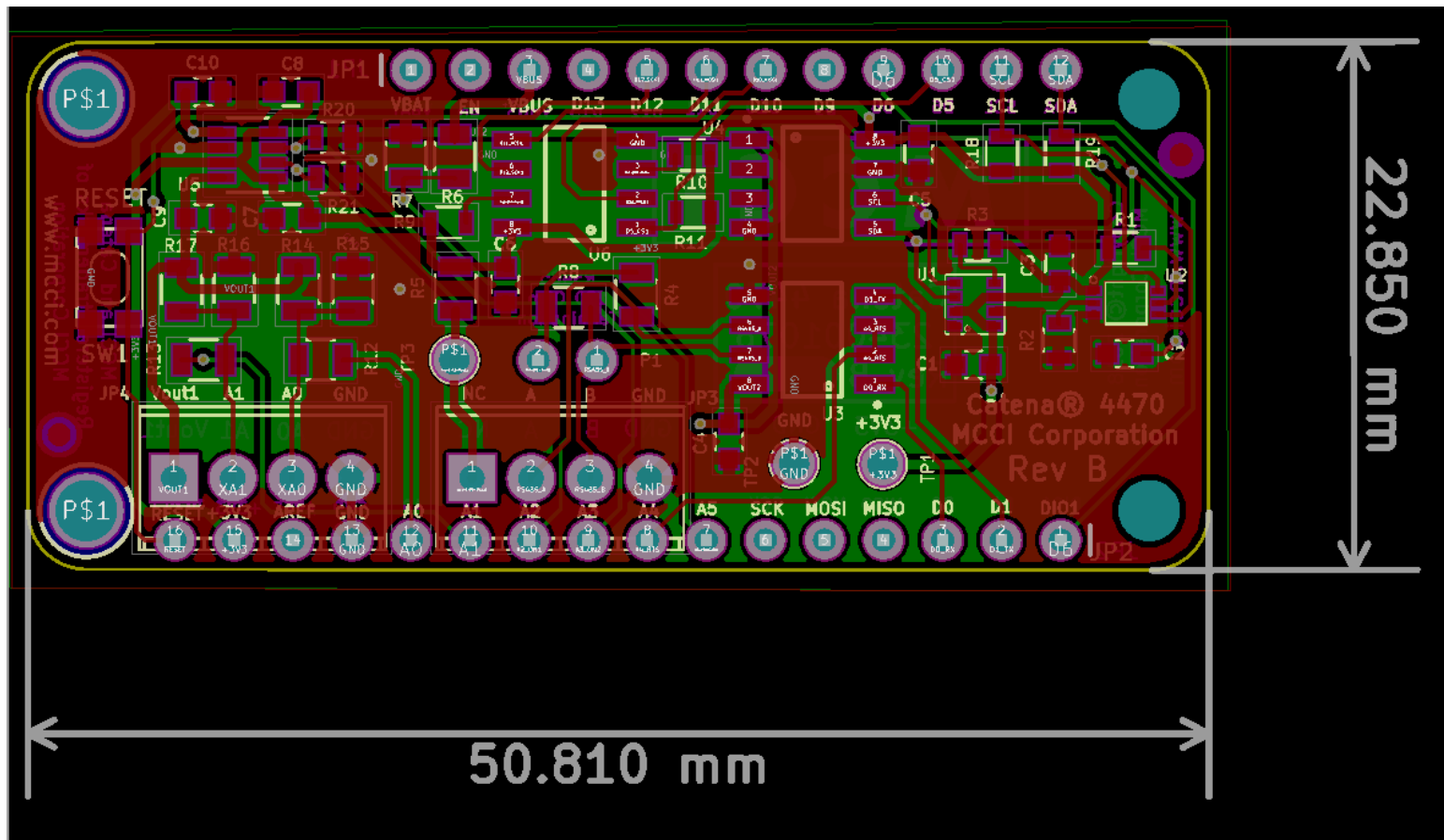
Copyright© 2018 MCCI Corporation

Title : Catena 4470 MCCI LW Feather Sensor RS485 Shield PCB Layout
Fabrication Drawing - Bottom Layer

Date : 20-May-
2018

Drawing number :
234001079

Rev - B



Board Dimension

MCCI

Copyright© 2018 MCCI Corporation

Title : Catena 4470 MCCI LW Feather Sensor RS485 Shield PCB Layout
Fabrication Drawing - Board Dimension

Date : 20-May-
2018

Drawing number :
234001079

Rev - B