



Cold Plate UI Board
Schematic Rev 1
PCB Rev 1

DISP1

C2
C1

C3
C4

+5V D3 R13
+12V D4 R14

UI_BOARD_CONN
2 12
1 11
C11 C8
C10 C9

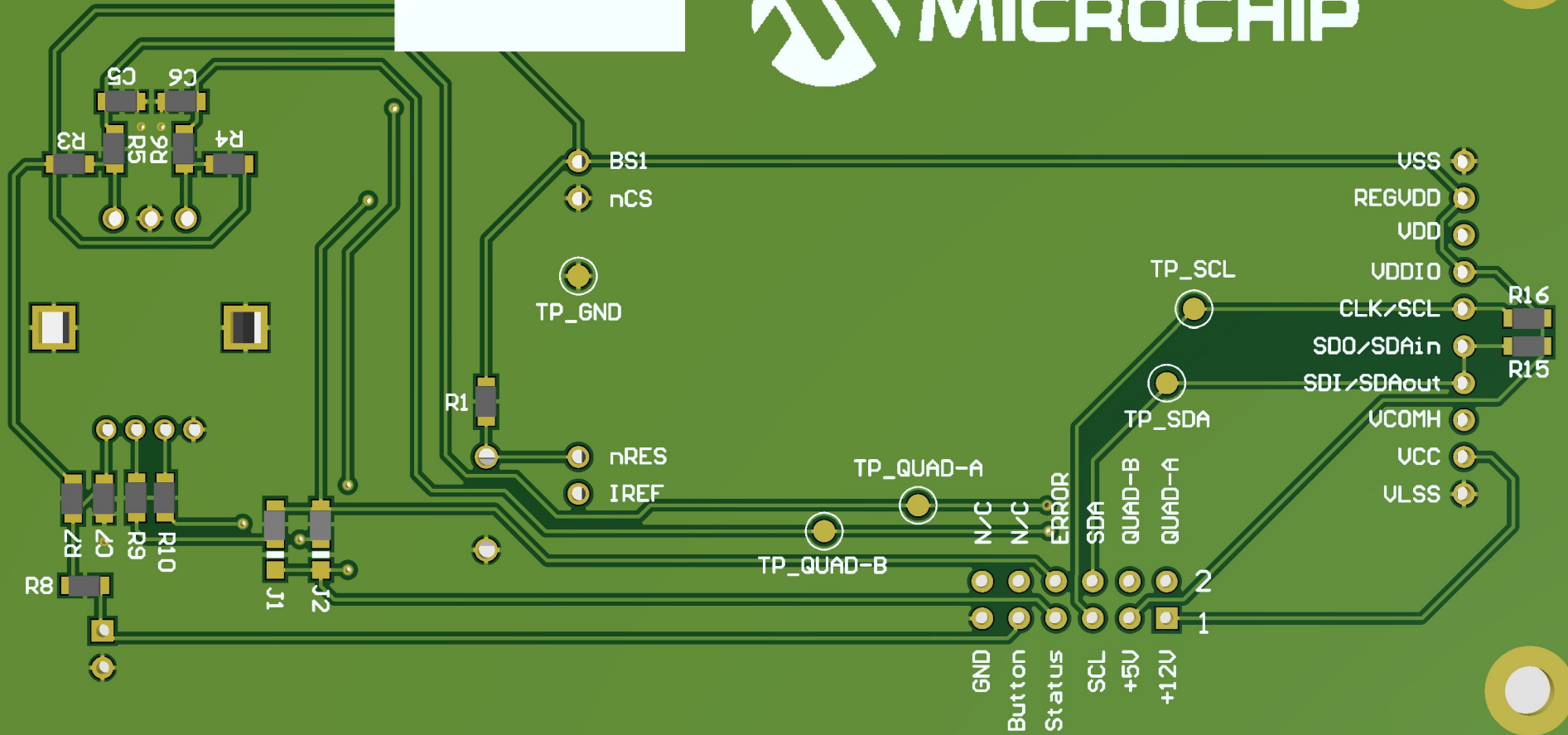
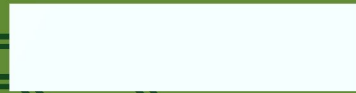
R11 D1 System ON
R12 D2 Error

DISP_RST

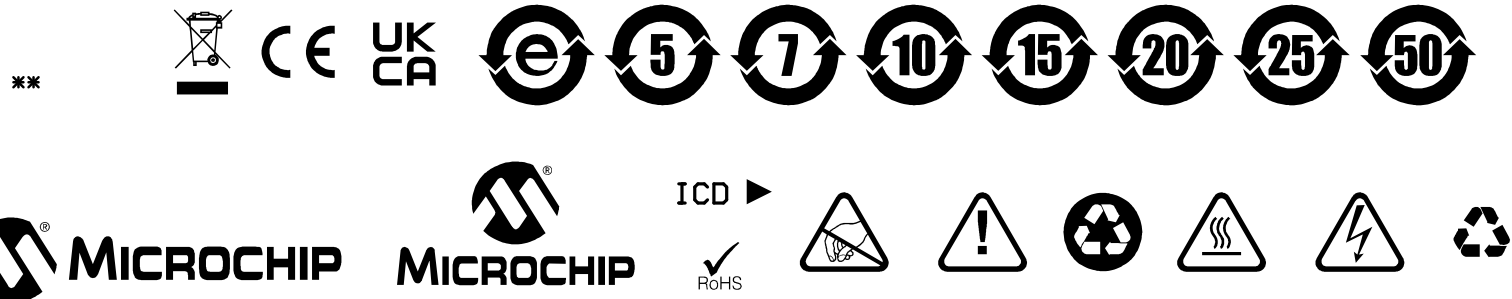
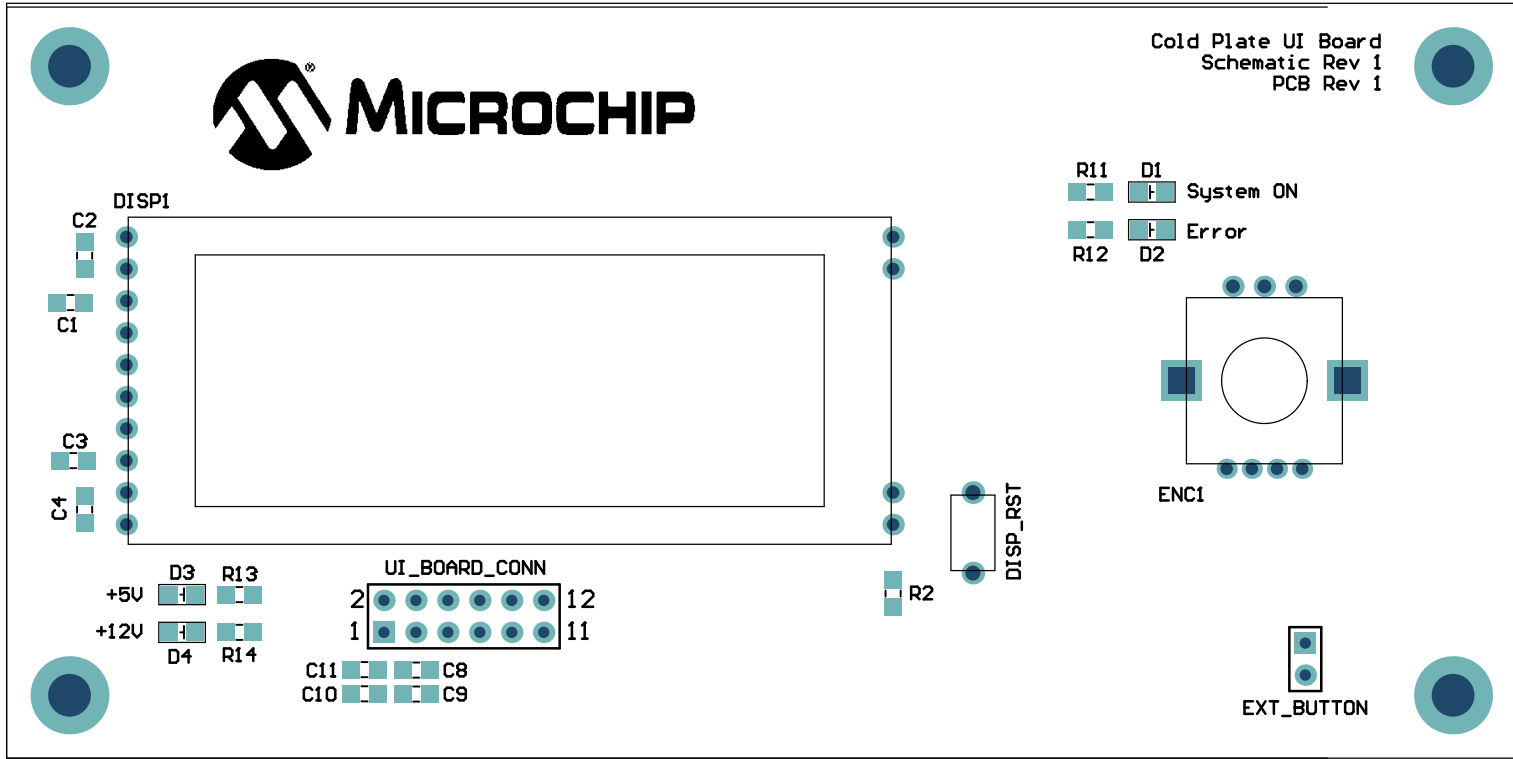
ENC1

EXT_BUTTON

Serial No.



REV	ECO	Comments	Date




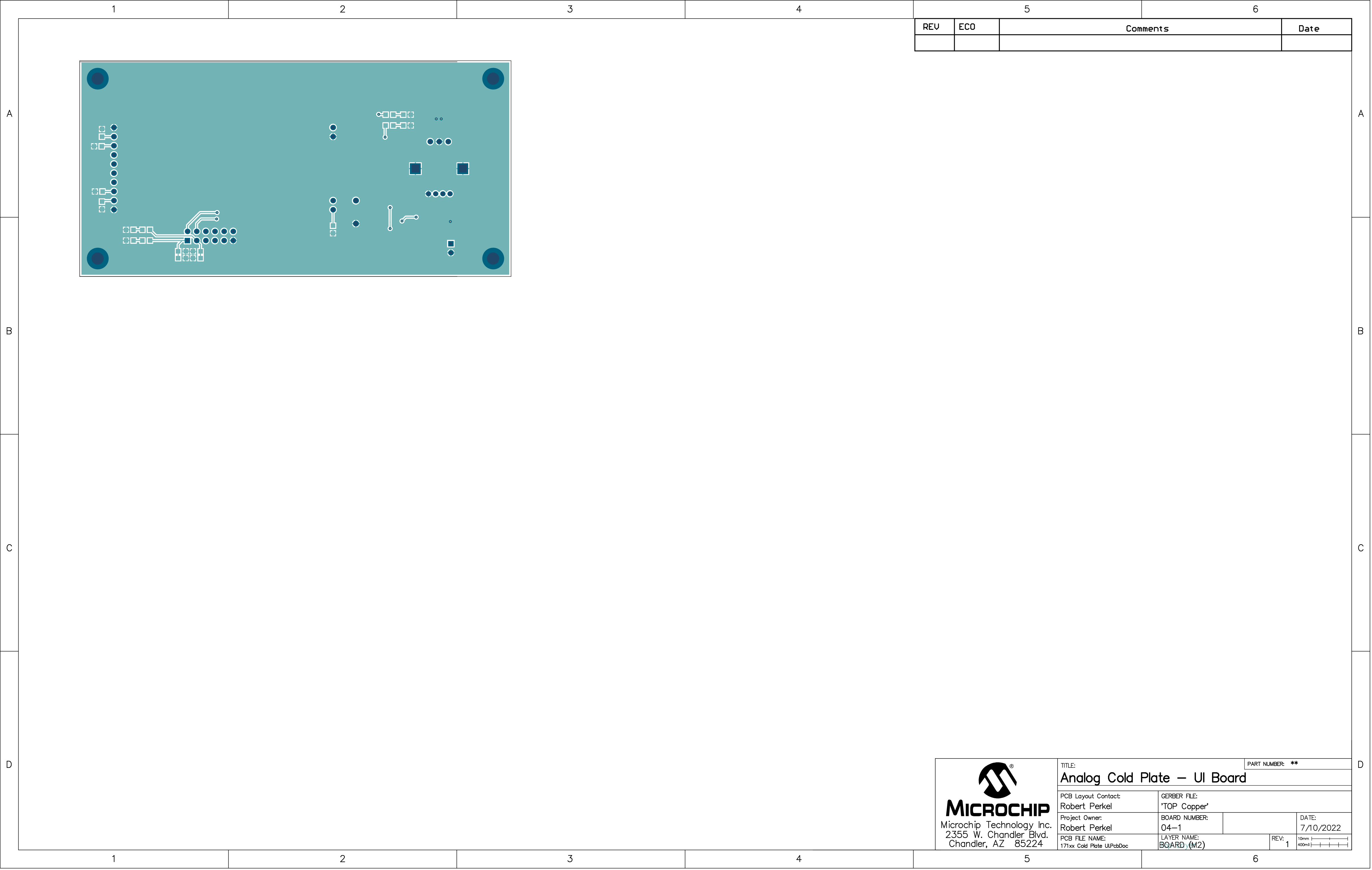
dsPICDEM.net™ mTouch® chipKIT™

dsPICDEM™ MPLAB® dsPIC®


PICDEM.net™ PICKit™ PIC®

PICDEM™ PICtail™

 Microchip Technology Inc. 2355 W. Chandler Blvd. Chandler, AZ 85224		TITLE: Analog Cold Plate – UI Board		PART NUMBER: **
		PCB Layout Contact: Robert Perkel	GERBER FILE: 'TOP Silk'	
Project Owner: Robert Perkel		BOARD NUMBER: 04-1		DATE: 7/10/2022
PCB FILE NAME: 171xx Cold Plate UIPcbDoc		LAYER NAME: Board (14)	REV: 1	10mm 400mil

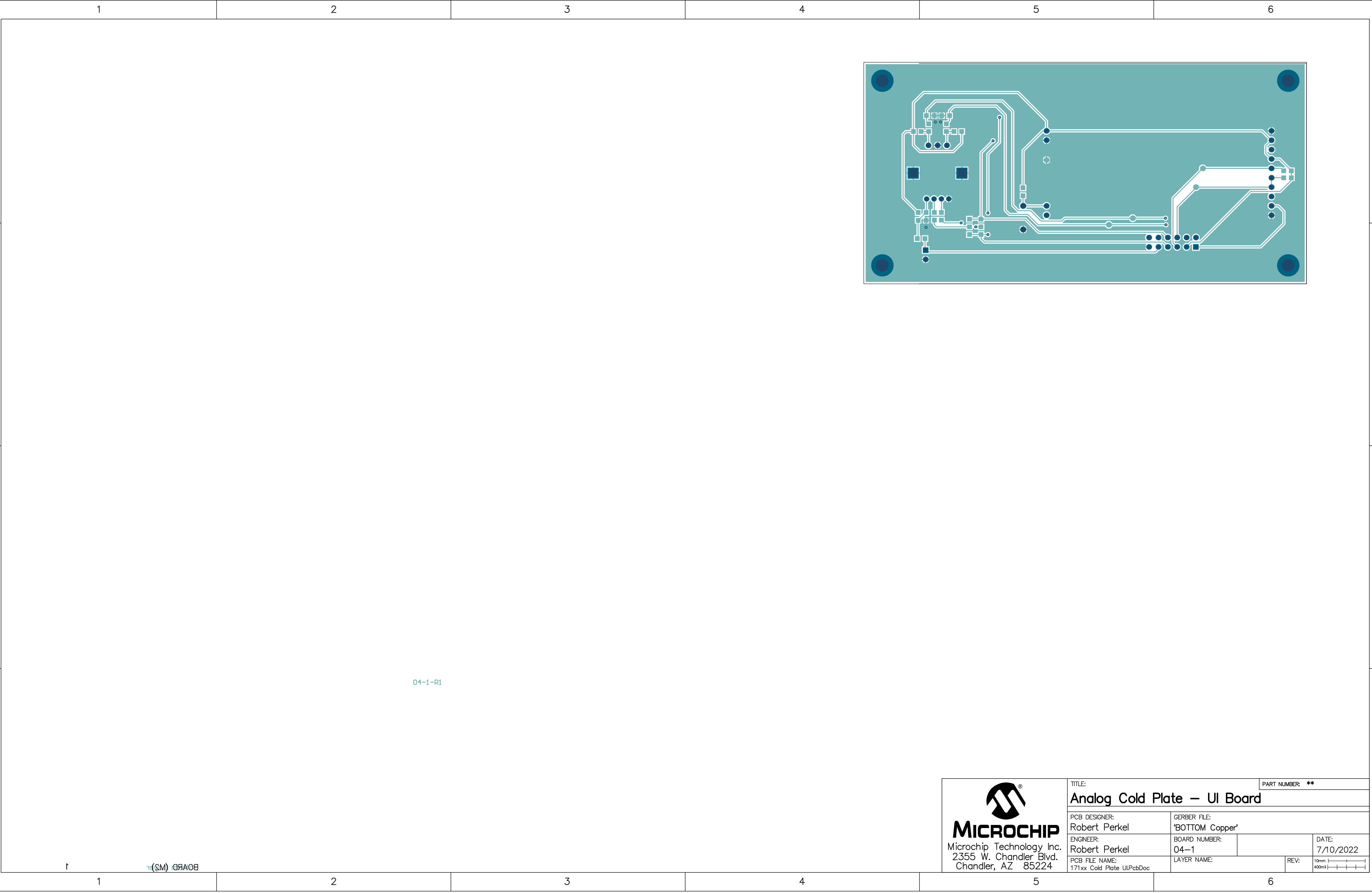



REV	ECO	Comments	Date



MICROCHIP
Microchip Technology Inc.
2355 W. Chandler Blvd.
Chandler, AZ 85224

TITLE: Analog Cold Plate – UI Board		PART NUMBER: **	
PCB Layout Contact: Robert Perkel		GERBER FILE: 'TOP Copper'	
Project Owner: Robert Perkel		BOARD NUMBER: 04-1	DATE: 7/10/2022
PCB FILE NAME: 171xx_Cold Plate UI.PcbDoc		LAYER NAME: BOARD (M2)	REV: 1 <div><div>10mm</div><div>400mil</div></div>



 MICROCHIP Microchip Technology Inc. 2355 W. Chandler Blvd. Chandler, AZ 85224	TITLE:		PART NUMBER: **	
	Analog Cold Plate — UI Board			
	PCB DESIGNER: Robert Perkel		GERBER FILE: 'BOTTOM Copper'	
	ENGINEER: Robert Perkel		BOARD NUMBER: 04—1	DATE: 7/10/2022
	PCB FILE NAME: 171xx Cold Plate UIPcbDoc		LAYER NAME:	REV:
				10mm 400mm

1

2

3

4

5

6

A

A

B

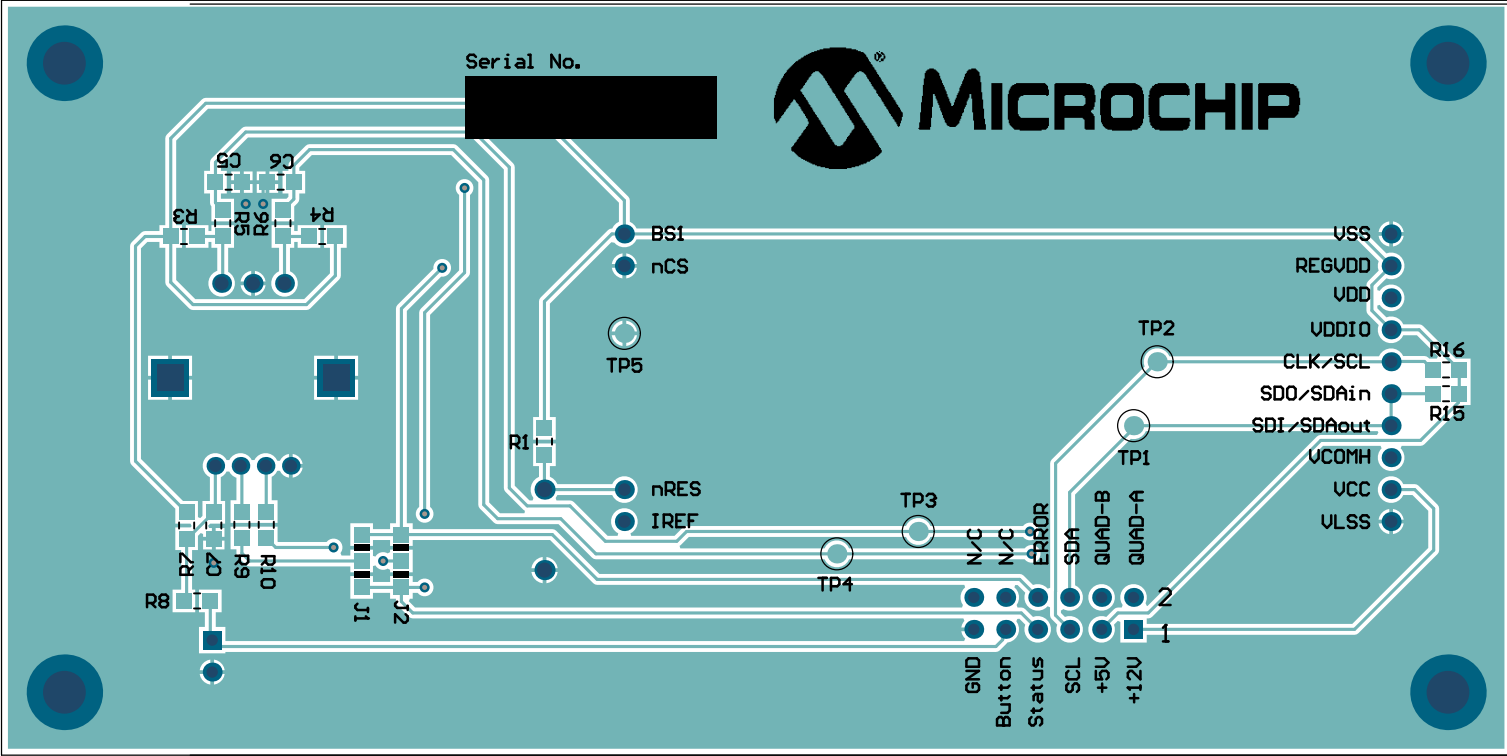
B

C


C

D

D



04-1-R1

 MICROCHIP Microchip Technology Inc. 2355 W. Chandler Blvd. Chandler, AZ 85224	TITLE: Analog Cold Plate — UI Board		PART NUMBER: **	
	PCB DESIGNER: Robert Perkel	GERBER FILE: 'Bottom Copper & Silk'		
	ENGINEER: Robert Perkel	BOARD NUMBER: 04—1	DATE: 7/10/2022	
	PCB FILE NAME: 171xx Cold Plate UIPcbDoc	LAYER NAME:	REV:	10mm 400mil

1

2

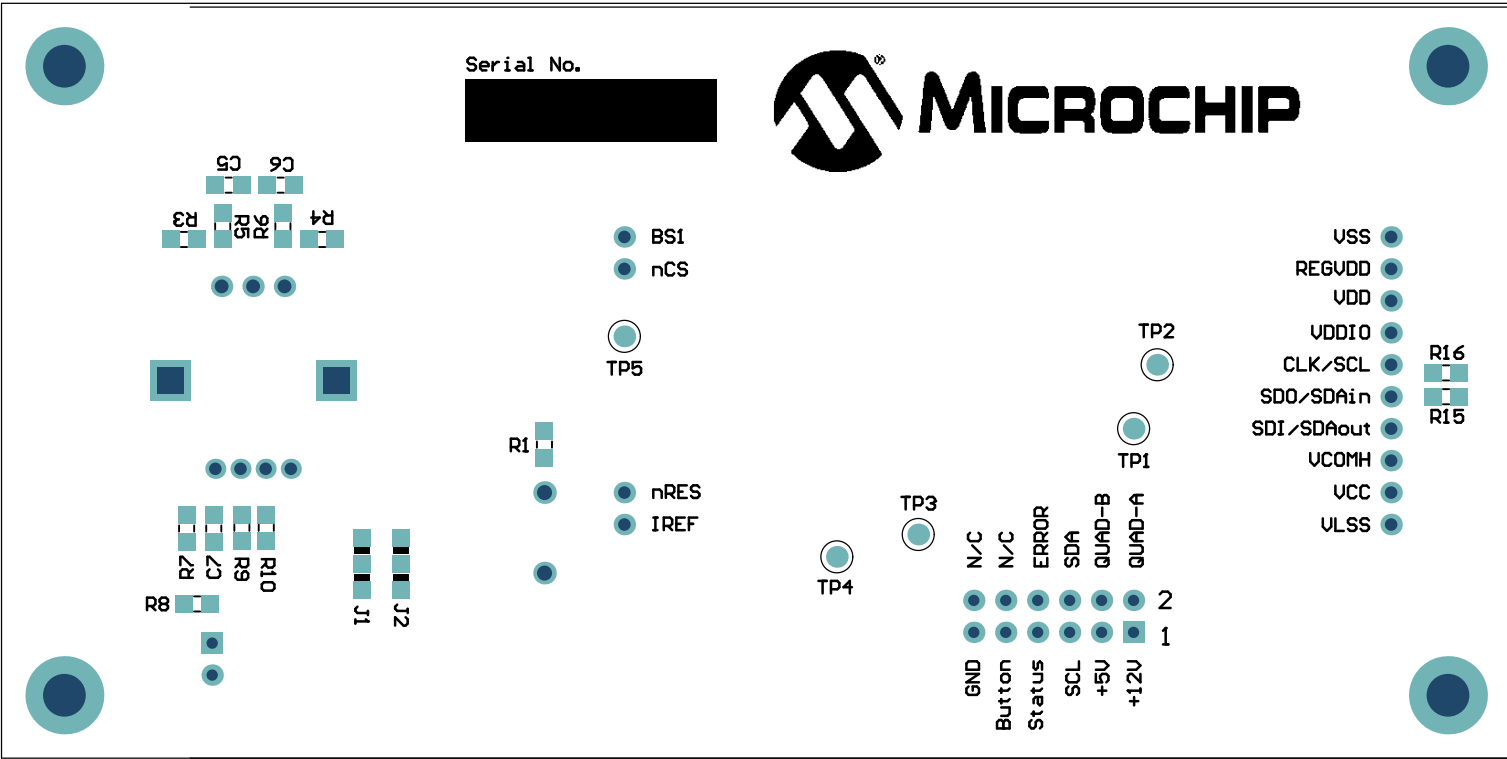
3

4

5

6

04-1-R1





MICROCHIP
Microchip Technology Inc.
2355 W. Chandler Blvd.
Chandler, AZ 85224

TITLE:		PART NUMBER: **	
Analog Cold Plate — UI Board			
PCB DESIGNER: Robert Perkel		GERBER FILE: 'BOTTOM Silk'	
ENGINEER: Robert Perkel		BOARD NUMBER: 04—1	DATE: 7/10/2022
PCB FILE NAME: 171xx Cold Plate UIPcbDoc		LAYER NAME:	REV: <div><div>10mm</div><div>400mil</div></div>