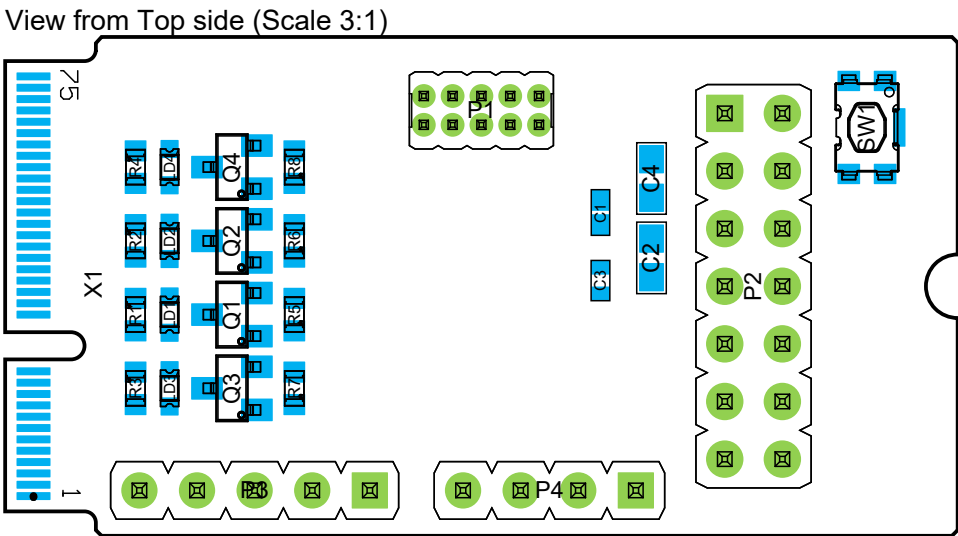
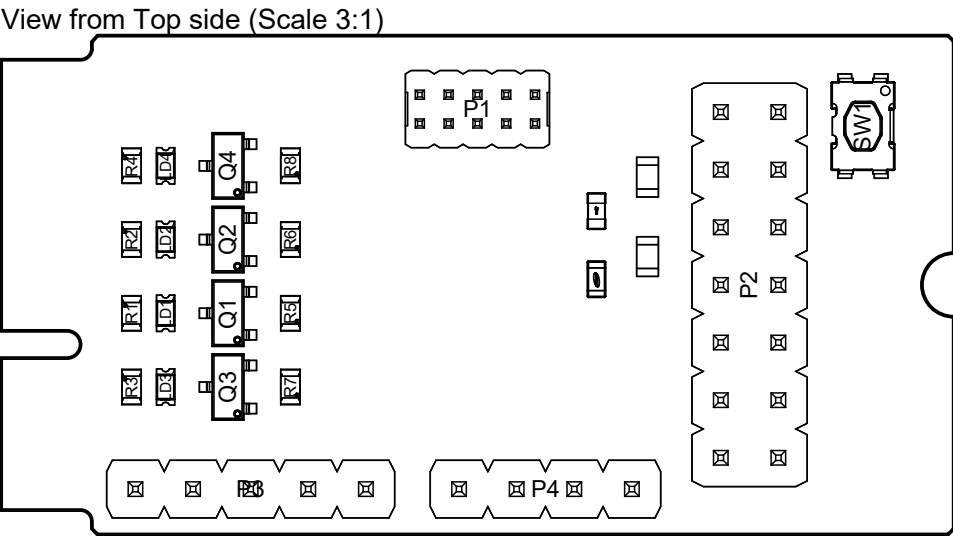
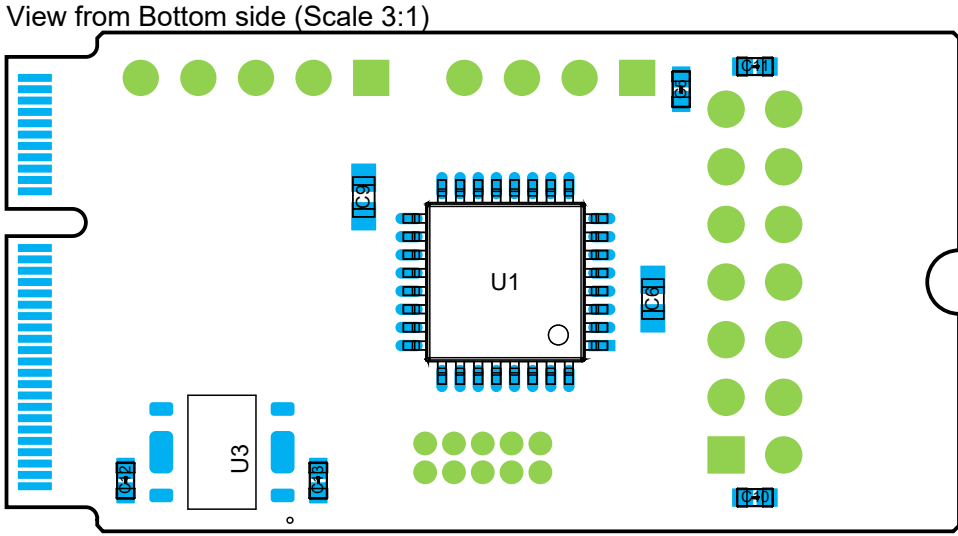
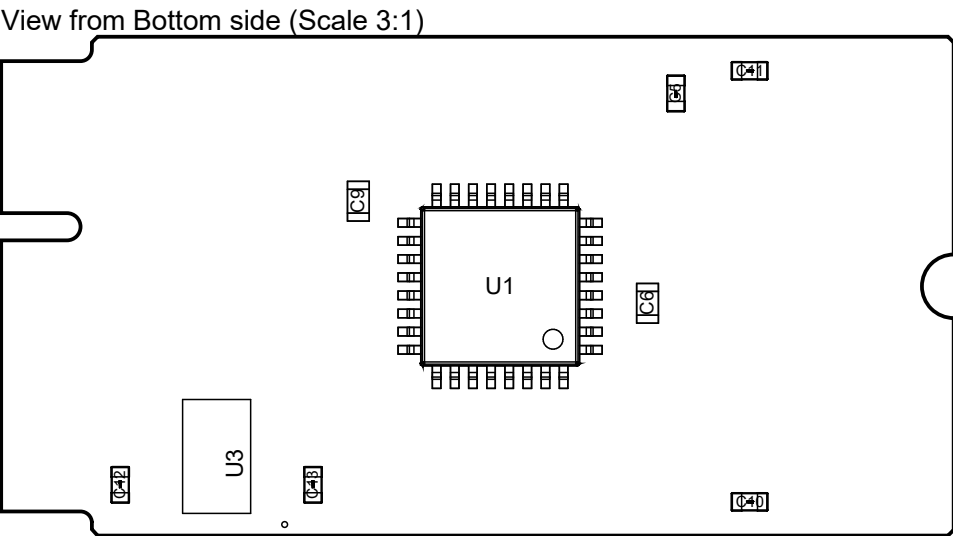
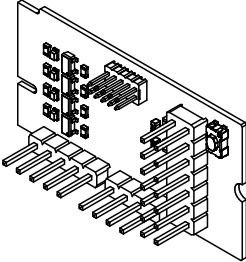


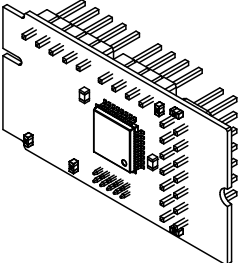
Assembly documentation:



View from Top side (Scale 1:1)



View from Bottom side (Scale 1:1)



Bill Of Materials

Line #	Quantity	Designator	Value	Description	P/N	Manufacturer
1	6	C1, C5, C10, C11, C12, C13	4u7	Multilayer Ceramic Capacitors 4.7µF ±10% 16V X7R SMD 0603	GRM188Z71C475KE21D	Murata Electronics
2	4	C2, C4, C6, C9	100n	Multilayer Ceramic Capacitors 100nF ±10% 16V X7R SMD 0603	C0603C104K4RAC7867	KEMET
3	1	C3	1u	Multilayer Ceramic Capacitors 1µF ±10% 16V X7R SMD 0603	C0603C105K4RAC7411	KEMET
4	4	LD1, LD2, LD3, LD4	Green	LED GREEN CLEAR 0603 SMD	150060VS75003	Würth Elektronik
5	1	P1		THT Vertical Pin Header WR-PHD, Pitch 1.27 mm, Dual Row, 10 pins	62201021121	Würth Elektronik
6	1	P2		THT Vertical Pin Header WR-PHD, Pitch 2.54 mm, Dual Row, 14 pins	61301421121	Würth Elektronik
7	1	P3		THT Vertical Pin Header WR-PHD, Pitch 2.54 mm, Single Row, 5 pins	61300511121	Würth Elektronik
8	1	P4		THT Vertical Pin Header WR-PHD, Pitch 2.54 mm, Single Row, 4 pins	61300411121	Würth Elektronik
9	4	Q1, Q2, Q3, Q4	BSS806	MOSFET N-CH 20V 2.3A SOT23-3	BSS806NEH6327XTSA1	Infineon Technologies
10	8	R1, R2, R3, R4, R5, R6, R7, R8	100R	RES Thick Film, 100Ω, 5%, 0.1W, 200ppm/°C, 0603	ERJ-3EKF1000V	Panasonic Electronic Components
11	1	SW1		SWITCH TACTILE SPST-NO 0.05A 32V	KMR231GLFS	C&K
12	1	U1		MCU 32-bit	STM32L412K8T6	STMicroelectronics
13	1	U3		LDO 1V8 fixed	S-1172B18-E6T1U	ABLIC Inc.

Notes:

- 1. Pin 1 respectively marked with dot
- 2. Cathode marked with dot

Project:

UART Module

Drawing number:

Date: 21/12/2022

Rev: PA

Format:
A3

Laboratory: IIS

Drawn by: MAYERPH

Sheet: UART_Module_assembly.PCBDwf

Page: 1 of 1

File: C:\Users\admin\Desktop\tes\FMC Peripheral Board\UART_Module\UART_Module_assembly.PCBDwf