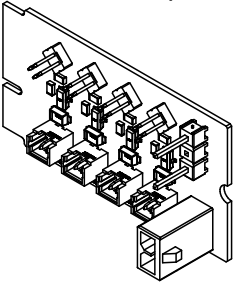
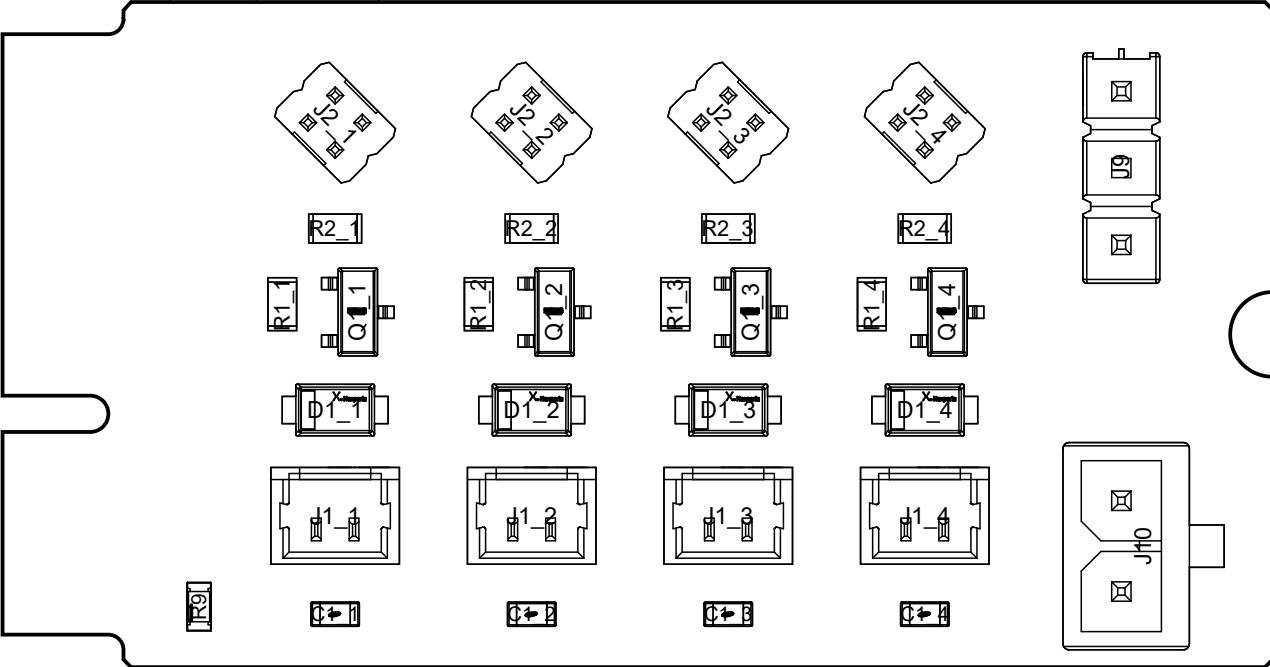


Assembly documentation:

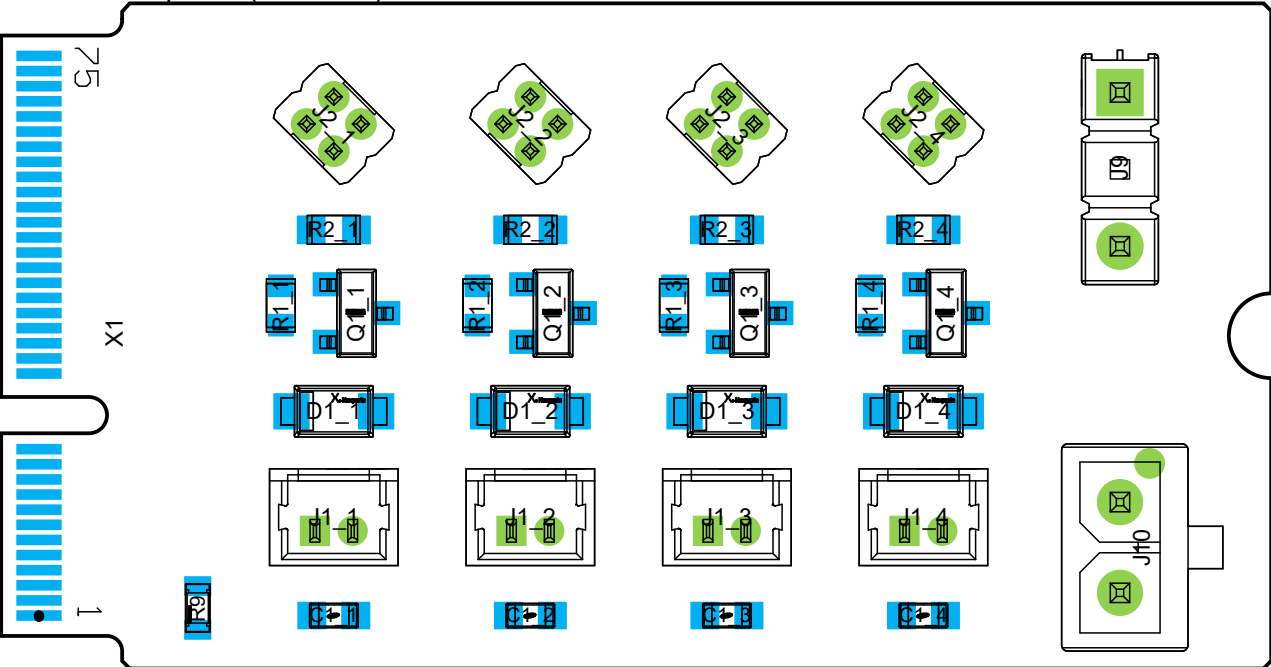
View from Top side (Scale 1:1)



View from Top side (Scale 4:1)



View from Top side (Scale 4:1)



Bill Of Materials

Line #	Quantity	Designator	Value	Description	P/N	Manufacturer
1	4	C1_1, C1_2, C1_3, C1_4	22u	Cap Ceramic 22uF 16V X5R ±20% Pad SMD 0603 +85°C T/R	CL10A226MO7JZNC	Samsung
2	4	D1_1, D1_2, D1_3, D1_4		DIODE SCHOTTKY 40V 3A SOD123W	PMEG4030ER,115	Nexperia USA Inc.
3	4	J1_1, J1_2, J1_3, J1_4		CONN HEADER VERT 2POS 1.25MM	0530470210	Molex
4	4	J2_1, J2_2, J2_3, J2_4		THT Vertical Pin Header WR-PHD, Pitch 1.27 mm, Dual Row, 4 pins	62200421121	Würth Elektronik
5	1	J9		CONN HEADER VERT 2POS 5.08MM	TSW-202-07-G-S	Samtec
6	1	J10		Micro-Fit+ Vertical Header, Through Hole, 3.00mm Pitch, Single Row, 2 Circuits, 0.76µm Gold (Au) Plating, Glow-Wire Capable, Black	2165713002	Molex
7	4	Q1_1, Q1_2, Q1_3, Q1_4		MOSFET N-CH 20V 0.63A SOT23-3	DMN2024UQ-7	Diodes Inc.
8	4	R1_1, R1_2, R1_3, R1_4	10k	Chip Resistor, 10 KOhm, +/- 1%, 0.1 W, -55 to 155 degC, 0603 (1608 Metric), RoHS, Tape and Reel	ERJ-3EKF1002V	Panasonic
9	4	R2_1, R2_2, R2_3, R2_4	47R	Chip Resistor, 47 Ohm, +/- 1%, 0.1 W, -55 to 155 degC, 0603 (1608 Metric), RoHS, Tape and Reel	ERJ-3EKF47R0V	Panasonic
10	1	R9	0R	RES SMD 0 OHM JUMPER 1/10W 0603	ERJ-3GEY0R00V	Panasonic

Notes:

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

Project:  
  
PWM Module

Drawing number:  
  
Date: 17/01/2023

Rev: PA

Format:  
  
A3

Laboratory: IIS  
  
Drawn by: MAYERPH

Sheet: PWM\_Module\_assembly.PCBDwf  
  
Page: 1 of 1

File: C:\Users\admin\Desktop\tes\FMC Peripheral Board\PWM\_Module\PWM\_Module\_assembly.PCBDwf