

Bill of Materials

MCP1781 Evaluation Board

Part Number: EV78D55A
Assy Number: 02-01323
PCB Number: 04-12384
Assy Revision: 1
Creation Date: 8/22/2025



Designator	Description	Manufacturer	Part Number
C1, C3	CAP CER 3.3uF 100V 10% X7R SMD 1210 AEC-Q200	KYOCERA AVX	12101C335K4T2A
C2, C4	CAP CER 3.3uF 16V 10% X8L SMD 1206 AEC-Q200	Murata	GCJ31CL81C335KA01K
J1, J2, J3, J4	CON HDR-2.54 Male 1x2 Gold 5.84MH TH VERT	FCI	68000-202HLF
R1, R2, R3, R4	RES TF 100k 0.1% 1/8W SMD 0805	Panasonic	ERA-6AEB104V
TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12	CON TP TAB Silver Mini 3.8x2.03 SMD	Keystone Electronics	5019
Microchip Parts			
U1	MCHP ANALOG LDO MCP1781 SOT-223-5 AEC-Q100	Microchip Technology	MCP1781-3302H/DC
U2	MCHP ANALOG LDO MCP1781 TO-252-5 AEC-Q100	Microchip Technology	MCP1781-5002H/9EA
Mechanical Parts			
JP1, JP2	MECH HW JUMPER 2.54mm 1x2	3M	969102-0000-DA
LABEL1	LABEL PCBA 18x6mm Datamatrix Assy# / Rev / Serial / Date	ACT Logimark AS	505462