

Bill of Materials

MCP3421 1Ch Del-Sig ADC EVB

Part Number: **EV07U08A**
PCB Number: **04-11600**
Revision: **1**
Creation Date: **02-Jun-22**



Designator	Description	Manufacturer	Manufacturer Part Number
C1, C3, C4	CAP CER 0.1uF 16V 10% X7R SMD 0603	Taiyo Yuden	EMK107B7104KA-T
C2	CAP CER 10uF 25V 10% X5R SMD 0805	Murata Electronics North America Murata Electronics North America	GRM21BR61E106KA73L
J3	CON HDR-2.54 Male 1x6 Gold 5.84MH TH R/A	FCI	68016-106HLF
LD1	DIO LED GREEN 3.2V 20mA 430mcd Clear SMD 0603	Wurth Electronics Inc	150060GS75000
R3	RES TKF 0R 1/10W SMD 0603 AEC-Q200	Panasonic Electronic Components	ERJ-3GEY0R00V
R4, R5, R6	RES TKF 4.7k 1% 1/10W SMD 0603	Digi-Key	311-4.70KHRTR-ND
R7, R8	RES TKF 1k 1% 1/10W SMD 0603	Vishay	CRCW06031K00FKEA
Microchip Parts listed below			
U1	MCHP ANALOG ADC-DELTASIGMA 18-bit MCP3421A0T-E/CH SOT-23-6	Microchip	MCP3421A0T-E/CH
Mechanical Parts added in the package			
LABEL1	LABEL PCBA 18x6mm Datamatrix Assy# / Rev / Serial / Date	ACT Logimark AS	505462
Do Not Populate Parts listed below			
J1, J2	CON HDR-2.54 Male 1x8 Gold 5.84MH TH	FCI	68001-108HLF
J4	CON HDR-2.54 Male 1x3 Gold 6.10MH TH VERT	METZ CONNECT USA Inc.	PR20203VBNN
R1,R2	RES TKF 0R 1/10W SMD 0603 AEC-Q200	Panasonic Electronic Components	ERJ-3GEY0R00V
TP1, TP2	MISC, TEST POINT MULTI PURPOSE MINI BLACK	Keystone	5001