

Bill of Materials SAMA5D27-SOM1-EK1 LCD adapter board rev1.0

Number	Quantity	Designator	Part Number	Footprint	Note
1	1	C3	C0603 2.2nF 50V	603	
2	1	C6	C0603 220nF 50V	603	
3	1	C4	TANT P SMD 10uF 6.3V	805	equivalent: C0805 4.7uF 25V X5R
4	3	C1, C5, C7	C0603 100nF 50V	603	
5	2	C2, C8	C0603 4.7uF 25V X5R	603	
6	1	P1	FF05Z40RU SMD	-	
7	1	P2	XF2M-5015-1A	-	
8	1	D1	1N4148WS	SOD-323	
9	1	P3	FF05Z10RD SMD	-	
10	1	L1	CL22uH SPI0705 (SD75)	SD-75	
11	1	U1	MIC2289C-34YD6-TR	SOT-23-6	equivalent: MIC2289-24YD6-TR
12	1	R5	R0603 4.7K 1%	603	
13	1	R6	R0603 10K 1%	603	
14	1	R7	R0603 3.0R 5% YAG	603	
15	5	R1, R2, R3, R4, R8	R0603 0R 5%	603	R3, R4, R8 - DNP
16	2	VR1, VR2	MCP1700T-3302E/TT	SOT-23-3	