

EVB2190R1 Bill of Materials

2/21/2025

RefDes	Name	Value	Digikey P/N	Quantity	Notes
C1, C2, C4, C5, C8, C9, C10, C11, C13	Cap-std 2.5mm	100nF (0.1uF)	BC3324-ND	9	
C3, C6, C12	Cap-Pol 2mm	10uF/25V Electrolytic	399-6598-ND	3	
C7	Cap-std 2.5mm	22pF	BC1005CT-ND	1	Alt. 399-13930-1-ND
CONN1	Multicomp Banana Jack - Red	+12V	Multicomp 80P3616	1	
CONN2	Multicomp Banana Jack - Black	0V	Multicomp 80P3613	1	
CONN3	Multicomp Banana Jack - Blue	-12V	Multicomp 80P3614	1	
CONN4	2 x 1 2 Pos Header		609-67996-202HLF-ND	1	
CONN5, CONN7	2 x 2 4 Pos Header		609-3209-ND	2	
CONN6	CUI 1/8 Audio Jack		CP1-3533N-ND	1	
CONN8	2 x 12 24 Pos Header		609-3215-ND	1	CONN 6 1 x 12 alt. 2057-PH1-12-UA-ND
CONN9, CONN10	2 x 8 16 Pos Header		609-3389-ND	2	CONN 10 1 x 8 alt. 2057-PH1-08-UA-ND
CONN11, CONN12, CONN13, CONN14, CONN15	Mill-Max Pin	0300-1-15-15-47-27-10-0	ED90074-ND	5	
R2, R3, R6, R9, R13, R14, R23, R24, R27, R29, R35, R36	Resistor	221	221XBK-ND	12	
R1, R4, R5, R10, R12, R15, R16, R17, R18, R19, R20, R21, R22, R25, R26, R32, R33, R37	Resistor	49.9k	49.9KXBK-ND	17	
R7	Resistor	28.7k	26.1KXBK-ND	1	Output Resistor - Single Channel (screen shows 26.1k)
R8	Resistor	5.11k	5.11KXBK-ND	1	Output Resistor - All Channels
R11	Resistor	49.9	49.9XBK-ND	1	
R28, R34	Resistor	301k	301KXBK-ND	2	
R31	Resistor	10.0	10.0XBK-ND	1	
VR5, VR7, VR8, VR9, VR10, VR12, VR13	Trim Pot - 3306	5k	3306F-502-ND	7	
U1	L78L05ABZ-AP		497-15783-1-ND	1	
U2	SSI2190			1	
U3	TL072IP		296-14997-5-ND	1	
n/a	Socket for TL072		3M5461-ND	1	
n/a	Shunt for 2x headers		S9337-ND	33	
n/a	PCB for EVB2190R1			1	
n/a	Standoffs (optional)			4	1" Nylon, threaded
n/a	Screws (optional)			4	6/32" - 40

-there's not a R30 resistor on the board-