

LM35 4 Channel Amplifier Circuit

Item	Qty	Reference(s)	Value	Footprint
1	5	C1, C2, C3, C4, C5	100nF	Ceramic Disc Capacitor
2	1	C6	10uF/16V	Electrolytic Capacitor
3	1	D1	1N5819	Diode
4	1	J1	LM35_CONN_C	PinHeader_1x03_P2.54mm_Vertical
5	1	J2	LM35_CONN_B	PinHeader_1x03_P2.54mm_Vertical
6	1	J3	LM35_CONN_A	PinHeader_1x03_P2.54mm_Vertical
7	1	J4	5V_Opamp_O/p	PinHeader_1x03_P2.54mm_Vertical
8	1	J5	3V_Opamp_O/p	PinHeader_1x03_P2.54mm_Vertical
9	1	J10	LM35_CONN_D	PinHeader_1x03_P2.54mm_Vertical
10	1	J11	PWR_5V_IN	PinHeader_1x03_P2.54mm_Vertical
11	12	R1, R2, R3, R7, R8, R9, R10, R11, R12, R13, R15, R16	10K	Resistor
12	4	R4, R5, R6, R14	27K	Resistor
13	1	U1	LM324A	DIP-14
14	1	PCB	PCB	

Website www.xanthium.in/building-lm35-4-channel-temperature-sensor-amplifier-board

Assembly Instructions www.xanthium.in/lm35-temperature-sensor-analog-amplifier-board-arduino