

Comment	Designator
10k	R1, R2, R3, R4, R12, R13, R14, R15
270k	R7, R8, R9, R10, R17, R18, R19, R20
Diode Zener 10V	D1, D2, D3, D4, D5, D6, D7, D8, D10, D11, D12, D13, D14, D15, D16, D1
Keep it empty	C1, C2, C3, C4, C6, C7, C8, C9
1k	R5, R6
22pF	C5, C12
0.1uF/100nF	C10, C11
Diode Zener 15V	D9, D18
Keep it empty	J11
L7815CV	U4
L7915CV	U5
0.22uF/220nF	C13, C14, C15, C16
Diode 1N4001	D19, D20
Support DIP14	U1, U2, U3
10k	R11,R16

Footprint	JLCPCB Part # (optional)
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	C176623
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	C723609
Diode_THT:D_DO-41_SOD81_P7.62mm_Horizontal	C388128
	EMPTY
Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P20.32mm_Horizontal	C433577
Capacitor_THT:C_Disc_D3.8mm_W2.6mm_P2.50mm	C1620142
Capacitor_THT:C_Disc_D4.7mm_W2.5mm_P5.00mm	C263182
Diode_THT:D_DO-41_SOD81_P7.62mm_Horizontal	C261212
	EMPTY
Package_TO_SOT_THT:TO-220-3_Vertical	C5676
Package_TO_SOT_THT:TO-220-3_Vertical	C154950
Capacitor_THT:C_Rect_L11.0mm_W3.4mm_P10.00mm_MKT	C504197
Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	C2456
Package_DIP:DIP-14_W7.62mm	C72126
Package_DIP:DIP-14_W7.62mm	C176571