

DigiMind_BOM

Reference	Qty	Value	Footprint	Datasheet
C1	1	10uF	Capacitor_THT:C_Disc_D5.1mm_W3.2mm_P5.00mm	~
C2	1	0.01uF	Capacitor_THT:C_Disc_D5.1mm_W3.2mm_P5.00mm	~
C3,C4,C5,C6,C7,C8,C9	7	C	Capacitor_THT:C_Disc_D5.1mm_W3.2mm_P5.00mm	~
D1	1	Green	LED_THT:LED_D5.0mm	~
D2,D3	2	Yellow	LED_THT:LED_D5.0mm	~
D4,D5,D6,D7,D8,D9,D10,D11	8	Red	LED_THT:LED_D5.0mm	~
J1	1	Barrel_Jack_Switch	Connector_BarrelJack:BarrelJack_Horizontal	~
R1,R5,R6	3	R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	~
R2,R15,R16	3	1k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	~
RN1	1	R_Network04	Resistor_THT:R_Array_SIP5	http://www.vishay.com/docs/31509/csc.pdf
RN2,RN3	2	R_Network03	Resistor_THT:R_Array_SIP4	http://www.vishay.com/docs/31509/csc.pdf
RV1	1	1M	Potentiometer_THT:Potentiometer_Bourns_3386P_Vertical	~
SW1,SW2	2	SW_DIP_x04	Package_DIP:DIP-8_W7.62mm	~
SW3,SW4,SW5	3	SW_Push	RetroStackLibrary:SW_SPST_Push	~
U2	1	74LS161	Package_DIP:DIP-16_W7.62mm	http://www.ti.com/lit/gpn/sn74LS161
U3	1	74LS174	Package_DIP:DIP-16_W7.62mm	http://www.ti.com/lit/gpn/sn74LS174
U4	1	74LS85	Package_DIP:DIP-16_W7.62mm	http://www.ti.com/lit/gpn/sn74LS85
U5	1	74LS175	Package_DIP:DIP-16_W7.62mm	http://www.ti.com/lit/gpn/sn74LS175
U6	1	74LS08	Package_DIP:DIP-14_W7.62mm	http://www.ti.com/lit/gpn/sn74LS08
U7	1	74LS194	Package_DIP:DIP-16_W7.62mm	http://www.ti.com/lit/gpn/sn74LS194
U8	1	74LS02		http://www.ti.com/lit/gpn/sn74ls02
U10	1	NA555P	Package_DIP:DIP-8_W7.62mm	http://www.ti.com/lit/ds/symmlink/ne555.pdf