

Bill of Materials

Bill of Materials for Schematic Document [8 IR.SchDoc]

Source Data From: 8 IR.SchDoc

Project: 8 IR.PrjPcb

Variant: None

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Footprint	Comment	LibRef	Designator	Description	Quantity
PHOYODIOD	PHOTO DIODE	PHOTO DIODE	D1, D2, D3, D4, D5, D6, D7, D8	VISHAY BPW24R	8
header 2	2 pin header	2 pin header	H1, H2, H3, H4	connector	4
jst 2 pin XH	JST XH (2 pin)	JST XH (2 pin)	H5	Conn Shrouded Header (4 Sides) HDR 2	1
LED IR	IR	IR	L1, L2, L3, L4, L5, L6, L7, L8	EMITTER IR 940NM 100MA RADIAL	8
LED GREEN	LED GREEN	LED GREEN	L9, L10, L11, L12, L13, L14, L15, L16	LED GREEN DIFFUSED T-1 3/4 T/H	8
LED RED	LED RED	LED RED	L17	LED RED CLEAR 5MM OVAL T/H	1
100R	100R	100R	R1, R2, R3, R4, R5, R6, R7, R8	RES 100 OHM 1/4W 5% AXIAL	8
10k	10k	10k	R9, R10, R11, R12, R13, R14, R15, R16	RES 10K OHM 1/4W 5% AXIAL	8
trimer pot	10K	potentiometer 1	R17, R18, R19, R20, R21, R22, R23, R24	Trimmer pot comman for all	8
1k	1k	1k	R25, R26, R27, R28, R29, R30, R31, R32,	Res Carbon Film 1K Ohm 5% 0.25W(1/4W) -	9
LM 358 DIP	LM358N	LM358N	U1, U2, U3, U4	TEXAS INSTRUMENTS - LM358N/NOPB -	4
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Approved	Notes