

BOM IR-TRX STAMP Add On Card v0.1

Designator	Description	Footprint	Digikey Part #
C1	CAP TANT 6.8UF 20V 20% SMD	TC3216-1206	399-4628-1-ND
C2	CAP 10000PF 50V CERAMIC X7R 0603	CC1608-0603	399-1091-1-ND
C3	CAP 10000PF 25V CERM X7R 0603	CC1608-0603	PCC1763CT-ND
C4	CAP .10UF 10V CERAMIC X7R 0603	CC1608-0603	399-1095-1-ND
C5	CAP .10UF 10V CERAMIC X7R 0603	CC1608-0603	399-1095-1-ND
C6	CAP TANTALUM 47UF 10V 10% SMD	TC6032-2412	495-2217-1-ND
D1	SFH4503 EMITTER IR 950NM 5MM HI SPEED	LED-0	475-1104-ND
IC1	GP1UM281YK RECEIVER REMOTE CTRL SIDE 38KHZ	GP1UM281YK	425-1148-ND
JP1	CONN HDR DUAL 12POS .100 SRT AU	HDR2X6	WM26812-ND
JP2	CONN HDR DUAL 12POS .100 SRT AU	HDR2X6	WM26812-ND
JP3	CONN HDR DUAL 14POS .100 SRT AU	HDR2X7	WM26814-ND
Q1	IC TRANS NPN SS GP 1.5A SOT-23	SOT-23	BC81740MTFCT-ND
R1	DNP	CR1608-0603	
R2	RES 10.0 OHM 1/10W 1% 0603 SMD	CR1608-0603	541-10.0HCT-ND
R3	RES 22.0 OHM 1/10W 1% 0603 SMD	CR1608-0603	541-22.0HCT-ND
R4	RES 10.0 OHM 1/10W 1% 0603 SMD	CR1608-0603	541-10.0HCT-ND
R5	DNP	CR1608-0603	
R6	RES 1.47K OHM 1/10W 1% 0603 SMD	CR1608-0603	P1.47KHCT-ND
R7	DNP	CR1608-0603	
R8	DNP	CR1608-0603	
R9	RES 10.0 OHM 1/10W 1% 0603 SMD	CR1608-0603	541-10.0HCT-ND
TIMERS1	CONN HEADER FMAL 10PS.1" DL GOLD	HDR2X5	S7108-ND
U1	LMC555CM IC TIMER CMOS 8-SOIC SMD	SO-G8	LMC555CM-ND
U2	MC74VHC1G08 IC GATE AND SGL CMOS 2IN SOT23-5	SO-G5/P.95	MC74VHC1G08DTT1GOSCT-ND
U3	SN74AUP1G17 IC SNGL SCHMIT-TRIG BUFF SOT23-5	SO-G5/P.95	296-19077-1-ND