

Part_Number	Quantity	Designator	Description	Manufacturer1	Manufacturer_Part_Num
100-00031	1	100-00031	PCB, Thread Repeater/		
510-00023	1	C1	Cap, Cer, 2.2uF, 35V, +	Murata Electronics	GRM188R6YA225KA12
510-00014	1	C2	Cap, Cer, 4.7uF, 100V,	TDK Corp	C3225X7S2A475M200
510-00001	1	C3	Cap, Cer, 0.1uF, 50V, +	Murata Electronics	GRM155R61H104KE14
510-00006	1	C4	Cap, Cer, 33pF, 50V, +	Murata Electronics	GRM1555C1H330JA01
510-00049	1	C5	Cap, Cer, 22uF, 10V, +	Samsung Electro-Mecl	CL10A226MP8NUNE
510-00105	1	C6	Cap, Cer, 1.5pF, 50V, +	Murata Electronics	GRM1555C1H1R5BA01
510-00063	2	C11, C45	Cap, Cer, 0.1uF, 16V, +	Murata Electronics	GRM155R71C104KA88
510-00108	3	C14, C16, C60	Cap, Cer, 1.2pF, 50V, +	Murata Electronics	GRM1555C1H1R2BA01
510-00100	1	C15	Cap, Cer, 2.2pF, 50V, +	Murata Electronics	GRM1555C1H2R2BA01
510-00003	2	C19, C48	Cap, Cer, 1uF, 25V, +/-	Murata Electronics	GRM155R61E105MA12
510-00107	24	C20, C21, C22, C23, C2	Cap, Cer, 10pF, 50V, +	Murata Electronics	GRM0335C1H100JA01
510-00022	2	C47, C52	Cap, Cer, 10uF, 6.3V, +	Kemet	C0603C106M9PACTU
510-00009	2	C49, C53	Cap, Cer, 0.01uF, 50V,	Murata Electronics	GRM155R71H103KA88
510-00019	1	C50	Cap, Cer, 0.22uF, 16V,	Samsung Electro-Mecl	CL05B224KO5NNNC
510-00008	2	C51, C55	Cap, Cer, 10pF, 50V, +	Murata Electronics	GRM1555C1H100JA01
510-00017	1	C54	Cap, Cer, 100pF, 50V, +	Murata Electronics	GRM1555C1H101JA01
510-00119	1	C56	Cap, Cer, 1000pF, 100V	Murata Electronics	GCM188R72A102KA37
510-00041	2	C57, C59	Cap, Cer, 0.01uF, 100V	AVX Corp	06031C103K4T2A
510-00120	1	C58	Cap, Cer, 0.1uF, 100V,	Murata Electronics	GCM21BR72A104KA37
630-00068	2	D1, D3	Diode, TVS, 78V, 400W	Littelfuse	SMAJ78CA
630-00032	1	D2	Diode, Zener, 15V, 1W	Panasonic Electronic C	DZ2W15000L
630-00034	1	D4	Diode, Zener, 3.6V, 1W	Panasonic Electronic C	DZ2W03600L
630-00014	1	D5	Diode, Schottky, 100V,	Diodes Inc	BAT46W-7-F
610-00028	1	D6	LED, RGB, Clear, 0404	Lumex	SML-LX0404SIUPGUSE
610-00001	1	D7	LED, Yellow/Clear, 590	Lumex	SML-LX0402SYC-TR
610-00003	1	D8	LED, Green/Clear, 574r	Lumex	SML-LX0402SUGC-TR
320-00098	3	J1, J2, J3	Conn, Wire-Board Terr	Phoenix Contact	1984963
320-00004	1	J5	Conn, Microcoaxial RF	Molex	73412-0110
560-00035	1	L1	Inductor, Fixed, 22uH,	Laird Technology	TYS5040220M-10
560-00061	2	L3, L4	Inductor, Chip, 3.6nH,	Coilcraft	0402HP-3N6XGEU
560-00007	4	L7, L8, L9, L10	Ferrite Bead, 120 Ohm	Würth Electronik	7427927311
560-00071	1	L11	Common Mode Choke	Bourns	SRF0905-202Y
110-00054	2	LP1, LP2	Light Pipe, 3mm, RA, S	Bivar	SLP3-150-100-F
630-00004	1	Q1	Mosfet, P-CH, 100V, 28	Vishay	SI7489DP-T1-GE3
630-00003	1	Q2	Transistor, NPN, 50V, 0	Rohm Semiconductor	2SC5658T2LQ
630-00026	2	Q3, Q4	Mosfet, N-CH, 50V, 20	ON Semiconductor	BSS138LT1G
630-00040	3	Q5, Q6, Q7	Mosfet, N-CH, 50V, 0.2	Rohm Semiconductor	RUC002N05T116
520-00193	1	R1	Res, TkF, 10K Ohm, +/-	Panasonic Electronic C	ERJ-14YJ103U
520-00002	6	R2, R3, R4, R7, R24, R2	Res, TkF, 10K Ohm, +/-	KOA Electronics	RK73H1ETTP1002F
520-00011	6	R5, R23, R27, R32, R33	Res, TkF, 100K Ohm, +	KOA Electronics	RK73H1ETTP1003F
520-00165	1	R6	Res, TkF, 33K Ohm, +/-	Rohm Semiconductor	MCR01MRTF3302
520-00012	1	R8	Res, TkF, 0.0 Ohm Jum	Samsung Electro-Mecl	RC1005J000CS
520-00211	1	R13	Res, TkF, 324 Ohm, +/-	Stackpole Electronics I	RMCF0402FT324R
520-00083	1	R14	Res, TkF, 220 Ohm, +/-	KOA Electronics	RK73H1ETTP2200F
520-00078	1	R15	Res, TkF, 499 Ohm, +/-	Rohm Semiconductor	MCR01MRTF4990

520-00237		1	R16	Res, TkF, 226 Ohm, +/-	Stackpole Electronics I	RMCF0402FT226R
520-00238		1	R17	Res, TkF, 137 Ohm, +/-	Stackpole Electronics I	RMCF0402FT137R
520-00176		5	R18, R19, R20, R21, R2	Res, TkF, 10M Ohm, +/-	Samsung Electro-Mech	RC1005F106CS
520-00157		1	R35	Res, TkF, 1 Ohm, +/-1%	Samsung Electro-Mech	RC1005F1R0CS
110-00051		1	SH1	RF Shield Frame 0.650	Laird Technology	BMI-S-202-F
210-00005		1	SN:	Label, Serial Number P		
420-00002		1	SW1	Switch, Tactile, SPST-N	Panasonic Electronic C	EVQ-P0N02B
420-00021		1	SW2	Switch, Tactile, SPST-N	E-Switch	TL1105VF160Q
000-00002		5	TP1, TP2, TP3, TP6, TP7	Test Points, PCB Moun	Keystone Electronics	5015
670-00020		1	U1	IC, Buck Regulator, 60V	Texas Instruments	LMR16006YDDCR
570-00004		1	U4	Sensor, Digital Temper	ams	AS6200-AWLT-S
660-00015		1	U5	IC, RF Transceiver + M	Silicon Labs	EFR32MG12P432F1024
655-00013		1	U6	IC, Flash, 8M-BIT, 104N	Macronix	MX25R8035FZUIH1
620-00010		1	Y1	Crystal, 38.4MHz, 10pF	Abracon Corp	ABM10-165-38.400MH
620-00001		1	Y2	Crystal, 32.768kHz, 20p	Interquip Electronics	9CAA32768122TF70Q1

RESC1005X04L

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Shield-RF-1650x1650-360-SMD

SERIAL_NUMBER

PCB-PAC-EVQ-P0N02

SW-Tact-TL1105VF160Q-3_85mm-ra-th

PCB-KSTN-5015

SOT23-6L

BGA6C40P2X3_1490X1000X400

QFN50P700X700X90_HS-49L

SON50P_200x300_60_8-HSP

CRY4-ABM10

PCB-ABRA-ABS07