

Comment	Description	Designator	Footprint	LibRef	Quantity	Value
CL05A104KPSNNWC	Cap Ceramic 100nF 16V XSR ±10% SMD 0402 +85°C Paper T/R	C1, C2	FP-CL46-IPC_C	CHP-13271-002143-1	2	
1206ZD106KAT2A	General Purpose Ceramic Capacitor, 1206, 10uF, 10%, XSR, 15%, 10V	C3, C4	FP-1206-L_3_2_0_2-W_1_6_0-IPC_A	CHP-04427-021870-1	2	
C0402	Capacitor SMD 0402	C5, C6, C8, C10, C11, C14	CAP_0402	CAP_0402	6	
C0402C33K4RACTU	0402 C 33nF Ceramic Multilayer Capacitor, 16 V, +125degC, X7R Dielectric, +/-10%	C7	FP-C0402-BB-MFG	CHP-2008-03182-2	1	33nF
C0402C109C5GACTU	CAP CER 1PF 50V NP0 0402	C9	FP-C0402-BB-MFG	CHP-2008-03470-3	1	1.0 pF
C0402C270J5GACTU	CAP CER 27PF 50V COG NP0 0402	C12, C13	FP-C0402-BB-MFG	CHP-1034-00963-6	2	27 pF
LTST-C190GKT	LED GREEN CLEAR CHIP SMD	D1, D2	FP-LTST-C190GKT-MFG	CHP-22017-000005-2	2	
BLM18EG101TN1D	Chip Ferrite Bead, 0603, 100Ω @ 100MHz, 25%, 0.045Ω, 2A	FB1	FP-BLM18-0_15±0_5-MFG	CHP-0686-00530-3	1	
XC6206P332MR	Integrated Circuit	IC1	SOT95P280X130-3N	XC6206P332MR	1	
USBLC6-25C6	Integrated Circuit	IC2	SOT95P280X145-6N	USBLC6-25C6	1	
USB4105-GF-A-060	USB Connector Type C SMT 12 Pin	J1	USB4105-GF-A-060	USB4105-GF-A-060	1	
CON-SMA-EDGE-S	RF Connector SMA Female 50 Ohms 18 GHz PCB Edge Mount	J2	CON-SMA-EDGE-S	CON-SMA-EDGE-S	1	
744901082	744901082 Fixed Ind 8.2nH 220MA 1.1 Ohm SMD	L1	WE-TCL_0402	CHP-03913-14415882-1	1	
LQG15HN8N2X02D	Multilayer type RF Inductor 8.2nH ±5% 0.25Ω 500mA 0402	L2	FP-LQG15HH_02-MFG	CHP-06042-008586-1	1	
744901027	744901027 Fixed Ind 2.7nH 440MA 300MOHM Sm	L3	WE-TCL_0402	CHP-03913-14415876-1	1	
61301021121		P1	61301021121	CHP-1502-01084-3	1	
CRCW04025K10FXED	RES Thick Film, 5.1kΩ, 1%, 0.063W, 100ppm/°C, 0402	R1, R2	FP-CRCW0402-e3-IPC_A	CHP-1011-00590-4	2	
22K	Resistor SMD 0402	R3	RES_0402	RES_0402	1	
CRCW040242K2FXED		R4, R5	RESC1005X40X25L05T05	CHP-2002-08626-1	2	
1MOhm	Resistor SMD 0402	R6	RES_0402	RES_0402	1	
10k	Resistor SMD 0402	R7	RES_0402	RES_0402	1	
STM32L432KBU6	IC MCU 32BIT 128KB FLASH 32QFPN	U1	FP-UFQFPN32-A0B8-MFG	CHP-12105-000014-1	1	
NRF24L01	IC RF TXRX ISM>1GHZ 20VQFPN	U2	FP-NRF24L01-IPC_C	CHP-228436-000003-1	1	
ABM3-16.000MHZ-02Y-T	Crystal 16MHz ±20ppm 18pf SMD-2 5mm x 3.2mm	Y1	FP-ABM3-MFG	CHP-27762-004490-1	1	