

Designator	Quantity	Comment	Description	Footprint	OC_FARNELL	OC_Mouser
B1	1	KMR211G LFS	TACT switch 4.6 x 2.8 mm	BTN_KMR2_4.6X2.8	1437635	611-Y78B21110FP
C1, C2, C3, C4	4	47nF	Capacitor	CAP0402		
C5, C6, C10, C12, C13, C18, C19, C22	8	100nF	Capacitor	CAP0402		
C7, C8, C9, C17	4	100pF	Capacitor	CAP0402		
C11, C16	2	22nF	Capacitor	CAP0402		
C14	1	22uF/6.3V	Capacitor	CAP0603		
C15	1	4.7uF/6.3V	Capacitor	CAP0603		
C20, C21	2	47pF	Capacitor	CAP0402		
D1	1	Blue LED	LED BLUE 0603	LED_0603-BLUE	1652108	630-HSMR-C190
D2	1	NUP2114UCMR6T1G	USB ESD protection	TSOP-6	2317478	
J2	1	USB4105-GF-A	USB-C Power USB2 GCT: USB4105-GF-A	CGT USB4105-GF-A	3648642	640-USB4105-GF-A
L1, L2, L3	3	BLM15AG121SN1D		FERRITE0402	1515760	81- BLM15AG121SN1D
R1, R2	2	52.3R	Resistor	RES0402		
R3, R4, R5, R6	4	95R	Resistor	RES0402		
R7, R8	2	75R	Resistor	RES0402		
R9, R11	2	10K	Resistor	RES0402		
R10, R12, R18	3	0R	Resistor	RES0402		
R13, R14	2	27R	Resistor	RES0402		
R15, R16	2	5K11	Resistor	RES0402		
R17	1	1K	Resistor	RES0402		
U1	1	ADL5519ACPZ-R7	RF Detector 1 MHz TO 10 GHz, 62 dB Dual Log Detector / Controller	LFCSP 32 pin LFCSP 5x5mm	4030635	584-ADL5519ACPZ- R7
U2	1	LPC845-JHI33	Cortex M0+ processor	SOT617-3_V		771- LPC845M301JHI33Y
U3	1	MCP1755T-3302E/DC	Fixed LDO Voltage Regulator, 3.6V to 16V, 300mV Dropout, 3.3Vout, 300mAout	SOT223-5	2361990	579-MCP1755T- 3302EDC
U4	1	FT231XQ		QFN-20	2081330	895-FT231XQ-R
U5	1	MCP1501T-25E	1.8V Precision Buffered Voltage Reference	SOT23-6		579-MCP1501T-25E/ CHY