

Designator	Value	Comment	Description	Footprint	LibRef	Manufacturer 1	Manufacturer Part Number	Quantity	Supplier 1	Supplier Part Number 1
C1, C3, C8, C9, C10	100n	Cap0603	-55-125C, 1608, CAP 0603/1608	CAP 0603/1608	CAP_0603	Samsung Electro-Mechar	CL10B104K08NNNC	5	Digi-Key	1276-1005-1-ND
C2, C4, C7	1u	X7R	-55-125C, 1608, CAP 0603/1608	CAP 0603/1608	CAP_0603	Samsung Electro-Mechar	CL10B105M08NNWC	3	Digi-Key	1276-6524-1-ND
C5, C6	10n	Cap0603	-55-125C, 1608, CAP 0603/1608	CAP 0603/1608	CAP_0603	Samsung Electro-Mechar	CL10B103KB8NCNC	2	Digi-Key	1276-1921-1-ND
C11	4.7u	Cap0603	4.7u 0603	CAP 0603/1608	CAP_0603	Samsung Electro-Mechar	CL10A475MP5LNNC	1	Digi-Key	1276-6684-1-ND
D1		ESDA6V1BC6	4-line ESD protect	SOT23-6L	ESDA6V1BC6	STMicroelectronics	ESDA6V1BC6	1	Digi-Key	497-6635-1-ND
L1		Ferrite	Ferrite Bead, 0603	IND0603	MMZ1608Y152B	TDK Corporation	MMZ1608Y152BTD25	1	Digi-Key	445-172846-1-ND
LD1		Red	Typical RED, GR	LED0603	LED_RED	Lite-On Inc.	LTST-C191KRKT	1	Digi-Key	160-1447-1-ND
LD2		Blue	Blue LED 0604	LED0603	LED_BLUE	Everlight Electronics Co L	EAST16084BA8	1	Digi-Key	1080-1562-1-ND
P1		USB-A-Plug	Conn USB RCP	USB-A-plug	USB-A-Plug	CUI Inc.	UP2-AH-1-TH	1	Digi-Key	102-3996-ND
R1	100K	Res0603, 0.1W	0.10W, -55-155C	RES 0603/1608	RES_0603	Stackpole Electronics Inc	RMCF0603JG100K	1	Digi-Key	RMCF0603JG100KCT-ND
R2	270R	Res0603, 0.1W	0.10W, -55-155C	RES 0603/1608	RES_0603	Stackpole Electronics Inc	RMCF0603JT270R	1	Digi-Key	RMCF0603JT270RCT-ND
R3	560R	Res0603, 0.1W	0.10W, -55-155C	RES 0603/1608	RES_0603	Stackpole Electronics Inc	RMCF0603JT560R	1	Digi-Key	RMCF0603JT560RCT-ND
R4, R5	2K2	Res0603, 0.1W	0.10W, -55-155C	RES 0603/1608	RES_0603	Stackpole Electronics Inc	RMCF0603JT2K20	2	Digi-Key	RMCF0603JT2K20CT-ND
U1		MIC5504-3V3	Linear Voltage R	SOT-23-5	MIC5504-3V3	Microchip Technology	MIC5504-3.3YM5-TR	1	Digi-Key	576-4764-1-ND
U2		STM32F072CBU	ARM-based 32-b	UFQFPN48-2	STM32F072CBU	STMicroelectronics	STM32F072CBU6	1	Digi-Key	497-14646-ND
U13		BME680	Bosch Sensortec	BME680	BME680	Bosch Sensortec	BME680	1	Digi-Key	828-1077-6-ND