

Line #	Name	Description	Designator	Quantity	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1
	CAP_0603		C1, C7, C8, C18	4	Yageo Group	CC0603KRX5R6BB475	Mouser	603-CC603KRX5R6BB475	0.1779
	CAP_0201		C2, C11, C16, C17, C26, C27, C29	7	TAIYO YUDEN	EMK063BJ104KP-F	Mouser	963-EMK063BJ104KP-F	0.0288
	CAP_1206		C3, C4, C6	3	TAIYO YUDEN	GMJ316BB7106KLHT	Mouser	963-GMJ316BB7106KLHT	0.67771
	CAP_0603		C5	1	Yageo Group	CC0603KRX5R8BB105	Mouser	603-CC603KRX5R8BB105	0.08471
	CAP_0805		C9, C10, C21	3	TAIYO YUDEN	TMK212BBJ106MGHT	Mouser	963-TMK212BBJ106MGHT	0.22873
	CAP_0603		C12	1	Yageo Group	CC0603KRX7R8BB104	Mouser	603-CC603KRX7R8BB104	0.07285
	CAP_1206		C13, C14	2	TAIYO YUDEN	EMK316BC6226ML-T	Mouser	963-EMK316BC6226ML-T	0.40663
	CAP_0201		C15	1	TAIYO YUDEN	MLAST063SB5223KFNA01	Mouser	963-MLAST063SB5223KF	0.13554
	CAP_0402		C19	1	TAIYO YUDEN	MBAST105SB7104KFNA01	Mouser	963-BAST105SB7104KF	0.07894
	CAP_0402		C22, C25	2	TAIYO YUDEN	MBAST105SB7104KFNA01	Mouser	963-BAST105SB7104KF	0.07894
	CAP_0805		C23, C24	2	TAIYO YUDEN	EMK212BC6226MG-TT	Mouser	963-EMK212BC6226MGTT	0.63535
	CAP_0402		C28	1	TAIYO YUDEN	EMK105B7333KVHF	Mouser	963-EMK105B7333KVHF	0.09319
	KT-0603R	Red 615~630nm 1.9~2.2V 0603 Light Emitting Diodes (LED) RoHS	D1, D2, D3, D4	4	Hubei KENTO Elec	KT-0603R	JLPCB	C2286	0.00852
	USB4110-GF-A	CONN USB 2.0 TYPE-C R/A SMT	J1	1	Global Connector Technology	USB4110-GF-A	Mouser	640-USB4110-GF-A	1.04
	S4B-PH-SM4-TB_LF_SN_	Connector Header Surface Mount, Right Angle 4 position 0.079" (2.00mm)	J2	1	JST	S4B-PH-SM4-TB(LF)(SN)	Mouser	306-S4BPHSM4TBLFSN	0.54217
	S2B-PH-SM4-TB_LF_SN_	Connector Header Surface Mount, Right Angle 2 position 0.079" (2.00mm)	J3	1	JST	S2B-PH-SM4-TB(LF)(SN)	Mouser	306-S2BPHSM4TBLFSN	0.40663
	6.8uH	WE-XHMI SMT Power Inductor Size 6060; L = 6,8 H ; IR = 6,5 A; Isat = 10 A; RDC = 17,6 m	L1	1	Würth Elektronik	78439346068	Mouser	710-78439346068	3.91
	RES_0201		R1	1	Yageo Group	PA0201FRL470R005L	Mouser	603-PA0201FRL470R05L	1.58
	RES_0201		R2, R3	2	Yageo Group	AC0201FR-075K1L	Mouser	603-AC0201FR-075K1L	0.01017
	RES_0201		R4, R7, R8, R9	4	Yageo Group	RC0201FR-7D220RL	Mouser	603-RC0201FR-7D220RL	0.02118
	RES_0201		R5	1	Yageo Group	RC0201FR-0766K5L	Mouser	603-RC0201FR-0766K5L	0.08471
	RES_0201		R6	1	Yageo Group	RC0201FR-0739KL	Mouser	603-RC0201FR-0739KL	0.08471
	RES_0201		R10, R11, R19, R20	4	Yageo Group	RT0201BRE0710KL	Mouser	603-RT0201BRE0710KL	0.2372
	RES_0201		R12	1	Yageo Group	AC0201FR-1320KL	Mouser	603-AC0201FR-1320KL	0.08471
	RES_0402		R13	1	Yageo Group	RC0402JR-7D10KL	Mouser	603-RC0402JR-7D10KL	0.08471
	RES_0201		R14	1	Yageo Group	RC0201FR-079K1L	Mouser	603-RC0201FR-079K1L	0.11013
	RES_0402		R15	1	Yageo Group	RC0402FR-07511KL	Mouser	603-RC0402FR-07511KL	0.08471
	RES_0402		R16	1	Yageo Group	RC0402FR-0753K6L	Mouser	603-RC0402FR-0753K6L	0.08471
	RES_0402		R17	1	Yageo Group	RC0402FR-0788K7L	Mouser	603-RC0402FR-0788K7L	0.08471
	RES_0402		R18	1	Yageo Group	RC0402FR-0710K2L	Mouser	603-RC0402FR-0710K2L	0.08471
	CJS-1200TA2	SPDT, ON-ON Slide, 100mA @ 6V DC J-Hook SMD Terminals, T&R 1,000 pc Packaging, Non-washable with tape - Tape and Reel	SW1	1	Nidec Copal	CJS-1200TA2	Mouser	229-CJS-1200TA2	0.82172
	KMR232NG_ULC_LFS	Tactile Switch SPST-NO Top Actuated Surface Mount 0.05A @ 32VDC -40C ~ 85C	SW2, SW3	2	C&K Components	KMR232NGULCLFS	Mouser	611-KMR232NGULCLFS	0.593
	ESP32-H2-MINI-1-H2	802.15.4, Bluetooth v5.3, Zigbee® Transceiver Module 2.4GHz Integrated, Trace Surface Mount	U1	1	Espressif Systems	ESP32-H2-MINI-1-H2	Mouser	356-ESP32-H2MINI1-H2	3.46
	AP33771CFBZ-13-FA01	Easy-To-Use USB PD3.1 EPR Sink Controller	U2	1	Diodes Inc.	AP33771CFBZ-13-FA01	Mouser	621-P33771CFBZ13FA01	1.83
	MCP73871-1AAI_ML	MICROCHIP - MCP73871-1AAI/ML - USB/AC BATTERY CHARGER WITH POWER PATH MANAGEMENT, 20 QFN 4X4X0.9MM TUBE	U3	1	Microchip	MCP73871-1AAI/ML	Mouser	579-MCP73871-1AAI/ML	2.04
	XC6220B331MR-G	Description	U4	1	Torex	XC6220B331MR-G	Mouser	865-XC6220B331MR-G	1.3
	TMC2130-LA	Silent stepper motor driver 5 to 46V, up to 1.2A with S/D and SPI Interface, 256 Steps, CoolStep, StallGuard and StealthChop	U5	1	Analog Devices	TMC2130-LA	Mouser	700-TMC2130LA	5.35
	TPS62933DRLR	3.8-V to 30-V, 3-A, 200-kHz to 2.2-MHz, low-IQ synchronous buck converter in SOT-583 package 8-SOT-5X3 -40 to 150	U6	1	Texas Instruments	TPS62933DRLR	Mouser	595-TPS62933DRLR	1.07
	MT6835	21-Bit High Accuracy Magnetic Angle Encoder IC	U7	1	Novosense	MT6835GT-STD			