

Name	Description	Designator	sur PCB	Stock ES	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Quantity	Supplier Unit Price 1	Supplier Subtotal 1
Solder bridge 3mm close		S81, S83		Y						2		
Solder bridge 3mm open		S82		Y						1		
4714	JST-PH 2-PIN JUMPER CABLE - 100M		N	N	Adafruit Industries	4714	Unknown	Mouser	485-4714	0	0	0
CRCW0805210RFKEA		R27, R32		Y	Bourns	CR0805-FX-2100ELF	Volume Production	Digi-Key	118-CR0805-FX-2100ELF	2	0.1	0.2
PEC12R-4220F-S0024	ROTARY ENCODER MECHANICAL 24PPR	ENC1		Y	Bourns	PEC12R-4220F-S0024	Volume Production	Digi-Key	PEC12R-4220F-S0024-ND	1	1.62	1.62
P7812-2000R-S		U3		N	CUI	P7812-2000R-S	Unknown	Digi-Key	102-P7812-2000R-S-ND	1	5.96	5.96
HS806-181810	Dissipateur thermique BGA Alliage d'aluminium 3,2W à 75°C Montage supérieur		N	N	CUI Devices	HS806-181810	Unknown	Digi-Key	2223-HS806-181810-ND	0	0	0
PJ-063AH	Through Hole Right Angle DC Power Jack, 8 A, 2 mm Center Pin, 2 Position, -25 to 85 degC, RoHS, Bulk	J2		N	CUI Devices	PJ-063AH	Volume Production	Digi-Key	CP-063AH-ND	1	1.55	1.55
SI-3523-SMT-TR		J5		N	CUI Devices	SI-3523-SMT-TR	Volume Production	Digi-Key	CP-3523SIDKR-ND	1	1.01	1.01
1N4148W-13-F	DIODE GEN PURP 100V 150MA SOD123	D4	N	N	Diodes	1N4148W-13-F	Volume Production	Digi-Key	1N4148W-13FDICT-ND	1	0.18	0.18
PDS1040L-13	DIODE SCHOTTKY 40V 10A POWERDI5	D1		N	Diodes	PDS1040L-13	Volume Production	Digi-Key	PDS1040LDICT-ND	1	1	1
EA DOGM204W-A		DS1		Y	Display Visions	EADOGM204W-A	Unknown	Digi-Key	1481-1087-ND	1	26.64	26.64
EA LED66X40-A				Y	EA LED66X40-A	EA LED66X40-A	Manual Solution	Digi-Key	1481-1166-ND	1	8.07	8.07
RR11132211			N	N	E-Switch	RR11132211	Volume Production	Mouser	612-RR11132211	1	0.49	0.49
PTS526SK15SMTR2LFS	TACT 5.2 X 5.2, 1.5 MM H, 260GF,	SW2		N	ITT C&K	PTS526SK15SMTR2LFS	Unknown	Newark	35AH5137	1	0.055	0.055
C0805C103J5RAC7210	CAP CER SMD 0805 .01UF X7R 5% 50	C33, C34		N	KEMET	C0805C103J5RAC7210	Volume Production	Digi-Key	399-17616-1-ND	2	0.1	0.2
5019	Test Point, 1 Position SMD, RoHS, Tape and Reel	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, N		N	Keystone Electron	5019	Volume Production	Digi-Key	36-5019CT-ND	19	0.34	6.46
RK73B2ATTD1R0J		R2		N	KOA Speer	RK73B2ATTD1R0J	Volume Production	Digi-Key	2019-RK73B2ATTD1R0JC	1	0.1	0.1
RK73B2ATTD200J		R26		N	KOA Speer	RK73B2ATTD200J	Volume Production	Digi-Key	2019-RK73B2ATTD200JC	1	0.1	0.1
S9145-010	Reed contact		N		Littelfuse Hamlin	S9145-010	Volume Production	Digi-Key	F8075-ND	1	3.36	3.36
PIC32MK0512MCF064-I/P		U5		Y	Microchip	PIC32MK0512MCF064-I/PT	Volume Production	Digi-Key	PIC32MK0512MCF064-I/P	1	9.26	9.26
PKMCS0909E4000-R1	AUDIO PIEZO TRANSDUCER 12.5V SMD	LS1		N	Murata	PKMCS0909E4000-R1	Volume Production	Digi-Key	490-9647-1-ND	1	0.88	0.88
PMV20ENR	MOSFET N-CH 30V SOT23	Q1, Q2, Q3, Q4, Q5, Q6, Q8, Q9, Q11, Q12		N	Nexperia	PMV20ENR	Volume Production	Digi-Key	1727-2301-1-ND	10	0.288	2.88
BAT54SL1G	DIODE ARRAY SCHOTTKY 30V SOT23-3	D2		N	ON Semiconductor	BAT54SL1G	Volume Production	Digi-Key	BAT54SL1GOSCT-ND	1	0.15	0.15
4N25M	4N25M Optocoupler DC-IN 1-CH Transistor With Base DC-OUT 6-Pin PDIP Tube - Bulk	Q7, Q10		N	ON Semiconductor	4N25M	Volume Production	Newark	98K9084	2	0.229	0.458
LH R974-LP-1	LED RED DIFFUSED 0805 SMD	D3		Y	Osram Opto	LH R974-LP-1	Volume Production			1		
EEE-1VA101XP	CAP ALUM 100UF 20% 35V SMD	C5		N	Panasonic	EEE-1VA101XP	Volume Production	Digi-Key	PCE3951CT-ND	1	0.5	0.5
EEE-1VA331P	CAP ALUM 330UF 20% 35V SMD	C10		N	Panasonic	EEE-1VA331P	Volume Production	Mouser	667-EEE-1VA331P	1	0.66	0.66
EEE-FK0J221P	CAP ALUM 220UF 20% 6.3V SMD	C6		N	Panasonic	EEE-FK0J221P	Volume Production	Mouser	667-EEE-FK0J221P	1	0.42	0.42
EEEF1V470AP	CAP ALUM 47UF 20% 35V SMD	C25		N	Panasonic	EEEF1V470AP	Volume Production	Digi-Key	PCE4552DKR-ND	1	0.52	0.52
ERJ6ENF18R0V		R21		Y	Panasonic	ERJ-6ENF18R0V	Volume Production	Digi-Key	P18.0CCT-ND	1	0.1	0.1
ERJ6ENF2200V		R6, R7, R8, R12, R13, R22, R28, R30, R33, R35		Y	Panasonic	ERJ-6ENF2200V	Volume Production	Digi-Key	P220CCT-ND	10	0.079	0.79
ERJ6ENF5602V		R3		Y	Panasonic	ERJ-6ENF5602V	Volume Production	Digi-Key	P56.0KCT-ND	1	0.1	0.1
S2B-PH-SM4-TB(LF)(SN)	Male Header, Pitch 2 mm, 1 x 2 Position, Height 5.5 mm, -25 to 85 degC, RoHS, Tape and Reel	J3, J4		N	S2B-PH-SM4-TB	S2B-PH-SM4-TB	Manual Solution	Digi-Key	455-S2B-PH-SM4-TBDKR	2	0.53944	1.08
CL21A106KQOQNNNE	CL21 Series 0805 10uF 16V ±10% Tolerance X5R Multilayer Ceramic Chip Capacitor	C1, C4		N	Samsung	CL21A106KQOQNNNE	Volume Production	Digi-Key	1276-1096-1-ND	2	0.1	0.2
CL21A226MAYNNNE	CL21 Series 0805 22uF 25V ±20% Tolerance X5R Multilayer Ceramic Chip Capacitor	C8		N	Samsung	CL21A226MAYNNNE	Volume Production	Digi-Key	1276-CL21A226MAYNNN	1	0.25	0.25
CL21B104KBCNNNC	CL21 Series 0805 100nF 50V ±10% Tolerance X7R Multilayer Ceramic Chip Capacitor	C2, C3, C9, C15, C16, C17, C18, C20, C21, C22, C23, C		N	Samsung	CL21B104KBCNNNC	Volume Production	Digi-Key	1276-1003-1-ND	17	0.044	0.748
CL21B105KBFNNNG	CL21 Series 0805 1uF 50V ±10% Tolerance X7R Multilayer Ceramic Chip Capacitor	C11, C12, C13, C14, C24		N	Samsung	CL21B105KBFNNNG	Volume Production	Digi-Key	1276-6470-6-ND	5	0.11	0.55
CL21F105ZAFNNNF	CL21 Series 0805 1uF 25V -20/+80% Tolerance Y5V Multilayer Ceramic Chip Capacitor	C26, C27, C28, C29, C30, C31, C32		Y	Samsung	CL21F105ZAFNNNF	Volume Production			7		
1241.1082.71		S1		Y	Schurter	1241.1082.71	Volume Production	Digi-Key	486-7033-ND	1	4.17	4.17
ERJ-L06UF66MV	Resistor	R1		N	Susumu	RL1220T-R068-G	Volume Production	Digi-Key	RL12T.068GCT-ND	1	0.38	0.38
GMK325BJ226MM-P	None	C7		N	Taiyo Yuden	GMK325BJ226MM-P	Unknown	Digi-Key	587-5853-1-ND	1	0.96	0.96
DRV8432DKD	12 A Dual Brushed DC or Single Bipolar Stepper Motor Driver (PWM Ctrl), 0 to 52.5 V, -40 to 85 degC,	U4		N	Texas Instrument	DRV8432DKD	Volume Production			1		
TPS92200D1DDCR	TPS92200D1DDCR	U1		N	Texas Instrument	TPS92200D1DDCR	Volume Production	Digi-Key	296-TPS92200D1DDCRCT	1	1.2	1.2
TG-A1250-15-15-1.0	THERM PAD 15MMX15MM GREEN		N	N	T-Global Technol	TG-A1250-15-15-1.0	Unknown	Digi-Key	1168-TG-A1250-15-15-1.0	0	0	0
CQY36N			N	N	Vishay Semicond	CQY36N	Volume Production	Arrow Electron	CQY36N	1	0.5953	0.5953
173950378	173950378 Module DC-DC 1-OUT 3.3V 0.5A 3-Pin SIP Module Tube	U2		N	Würth Electronics	173950378	Volume Production	Digi-Key	732-8242-5-ND	1	6.34	6.34
7440430012		L1		N	Würth Electronics	7440430012	Volume Production	Digi-Key	732-1093-1-ND	1	1.53	1.53
61300411121		P4, P6, P7		N	Würth Electronics	61300411121	Volume Production	Digi-Key	732-5317-ND	3	0.19	0.57
61300511121		P3		N	Würth Electronics	61300511121	Volume Production	Digi-Key	732-5318-ND	1	0.26	0.26
61300611121		P5		N	Würth Electronics	61300611121	Volume Production	Digi-Key	732-5319-ND	1	0.35	0.35
691214110002		J1		N	Würth Electronics	691214110002	Volume Production	Digi-Key	732-2747-ND	1	0.88	0.88
691313510006		P1		N	Würth Electronics	691313510006	Volume Production	Digi-Key	732-2074-ND	1	1.32	1.32
691313510007		P2		N	Würth Electronics	691313510007	Unknown	Digi-Key	732-691313510007-ND	1	1.69	1.69
691351500006	6 poles connector		N	N	Würth Electronics	691351500006	Volume Production	Digi-Key	732-2044-ND	1	3.82	3.82
691351500007	7 poles connector		N	N	Würth Electronics	691351500007	Volume Production	Digi-Key	732-691351500007-ND	1	4.35	4.35
865080663020	865080663020 WCAP-ASU Aluminum Electrolytic Capacitors	C19		N	Würth Electronics	865080663020	Volume Production	Digi-Key	732-8465-1-ND	1	2.92	2.92
XHP50B-00-0000-0D0BJ40C8	Power LED mounted on a PCB		N	N	XHP50B-00-0000-XHP50B-00-0000-0D0BJ40C8		Manual Solution	Digi-Key	1672-1076-ND	5	12.29	61.44
RC0805FR-071KL	Chip Resistor, 1 KOhm, +/- 1%, 125 mW, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	R39, R40		Y	Yageo	RC0805FR-071KL	Volume Production	Digi-Key	311-1.00KCRCCT-ND	2	0.1	0.2
RC0805FR-0747KL	Chip Resistor, 47 KOhm, +/- 1%, 0.125 W, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	R9, R10, R11, R14, R15, R20, R23, R24, R29, R31, R3		Y	Yageo	RC0805FR-0747KL	Volume Production	Digi-Key	311-47.0KCRCCT-ND	12	0.024	0.288
RC0805JR-070RL	Chip Resistor, 0 Ohm, Jumper, +/- 5%, 0.125 W, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	R38, R42		Y	Yageo	RC0805JR-070RL	Volume Production	Digi-Key	311-0.0ARCT-ND	2	0.1	0.2
RC0805JR-0710KL	Chip Resistor, 10 KOhm, +/- 5%, 0.125 W, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	R4, R5, R16, R17, R18, R19, R37, R41		Y	Yageo	RC0805JR-0710KL	Volume Production	Digi-Key	311-10KARCT-ND	8	0.022	0.22
RC0805JR-0775RL		R25		Y	Yageo	RC0805JR-0775RL	Volume Production	Digi-Key	311-75ARCT-ND	1	0.1	0.1