

Description	Designator	Manufacturer	Manufacturer Part #	Quantity	DigiKey Part#	Price Each	Total
CAP CER 18PF 50V 5% NP0 0603	C1, C2, C10, C12, C20, C21, C30, C31	TDK CORPORATION (VA)	C1608C0G1H180 J080AA	8	445-1272-1-ND	0.03	0.3
CAP CER 10UF 10V Y5V 0805	C3, C13, C22, C32, C64, C65, C66, C67, C68, C69	YAGEO (VA)	CC0805ZKY5V6B B106	10	311-1355-1-ND	0.11	1.1
CAP CER 0.1UF 10V 10% X7R 0603	C4, C7, C11, C14, C19, C23, C24, C29, C33, C38, C39, C40, C41, C42, C44, C45, C46, C47, C60, C61, C62, C63	KEMET	C0603C104K8RA CTU	22	399-1095-1-ND	0.025	0.5
CAP CER 0.22UF 50V 10% X7R 0805	C5, C8, C15, C17, C25, C27, C34, C36	KEMET	C0805C224K5RA CTU	8	399-3491-1-ND	0.095	0.95
CAP CER 10000PF 100V X7R 0805	C6, C16, C26, C35	KEMET	C0805C103K1RA CTU	4	399-1159-1-ND	0.047	0.47
CAP ALUM 330UF 50V 20% SMD	C9, C18, C28, C37	PANASONIC ELECTRONIC COMPONENTS	EEV-FK1H331Q	4	PCE3475CT-ND	1.61	6.44
CAP CER 1UF 10V 10% X5R 0603	C43	KEMET	C0603C105K8PA CTU	1	399-3118-1-ND	0.039	0.39
CAP CER 10000PF 25V 10% X7R 0603	C52, C53, C54, C55, C56, C57, C58, C59	SAMSUNG ELECTRO-MECHANICS	CL10B103KA8NN NC	8	1276-1132-1-ND	0.018	0.18
SMALL SIGNAL DIODE	D1, D2, D3, D4	DIODES INCORPORATE D	BAV99-7-F	4	BAV99-FDICT-ND	0.15	0.6
DIODE ULT FAST 200V 4A SMB	D5, D11	STMICROELEC TRONICS	STTH4R02U	2	497-5260-1-ND	0.95	1.88
	J1, J2			2			
TERM BLOCK 3.5MM VERT 4POS PCB	J3, J4, J5, J11, J12, J18	ON SHORE TECHNOLOGY	OSTTE040161	7	ED2637-ND	0.638	5.11

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CONN HEADER 3POS 2MM VERT T/H	J6, J19, J22, J23	3M	951103-8622-AR	4	3M9322-ND	0.24	0.96
CONN JUMPER SHORTING 2MM GOLD		SULLINS CONNECTOR SOLUTIONS	SPN02SXCN-RC	4	S9339-ND	0.26	1.04
BERGSTIK II .100" SR STRAIGHT	J7, J8, J9, J10, J13, J14, J15, J16	FCI	68000-203HLF	8	609-3464-ND	0.16	1.28
USE ED2637-ND	J17, J21	ON SHORE TECHNOLOGY	OSTTE040161				
TERMINAL BLOCK 3.5MM 2POS PCB	J20	ON SHORE TECHNOLOGY INC	OSTTE020104	1	ED2740-ND	0.36	0.36
SIL VERTICAL PC TAIL PIN HEADER	J24, J25, J26, J27	HARWIN INC	M20-9990246	4	952-2262-ND	0.1	0.4
CONN TERM BLOCK 2.54MM 8POS PCB	JP1, JP2, JP3	ON SHORE TECHNOLOGY INC	OSTVN08A150	6	ED10566-ND	1.84	11.04
INDUCTOR 1.0UH MULTILAYER 0805	L1,L2	TAIYO YUDEN	CK21251R0M-T	2	587-1688-1-ND	0.11	0.22
LED GREEN CLEAR 0603 SMD	L3, L5, L7, L9	LITE-ON INC	LTST-C190KGKT	4	160-1435-1-ND	0.29	1.16
LED SUPER RED CLEAR 0603 SMD	L4, L6, L8, L10	LITE-ON INC	LTST-C190KRKT	4	160-1436-1-ND	0.29	1.16
RES 39K OHM 1/10W 1% 0603 SMD	R1, R2, R6, R7, R10, R11, R14, R15	PANASONIC ELECTRONIC	ERJ-3EKF3902V	8	P39.0KHCT-ND	0.1	1
RES 10K OHM 1/10W 1% 0603 SMD	R3, R18, R19, R20, R23, R33, R35	PANASONIC ELECTRONIC	ERJ-3EKF1002V	7	P10.0KHCT-ND	0.1	1
RES62.0K OHM 1/10W 1% 0603 SMD	R4, R8, R12, R16	PANASONIC ELECTRONIC	ERJ-3EKF6202V	4	P62.0KHCT-ND	0.1	1
RES 2.7K OHM 1/10W 1% 0603 SMD	R5, R9, R13, R17	PANASONIC ELECTRONIC	ERJ-3EKF2701V	4	P2.70KHCT-ND	0.1	1
RES 5.6K OHM 1/10W 1% 0603 SMD	R21, R22	PANASONIC ELECTRONIC	ERJ-3EKF5601V	2	P5.60KHCT-ND	0.1	1

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RES 100 OHM 1/10W 1% 0603 SMD	R24, R25, R26, R27, R28, R29, R30, R31	PANASONIC ELECTRONIC	ERJ-3EKF1000V	8	P100HCT-ND	0.1	1
RES 470 OHM 1/10W 1% 0603 SMD	R32, R34, R36, R37, R38, R39, R40, R41	PANASONIC ELECTRONIC	ERJ-3EKF4700V	8	P470HCT-ND	0.1	1
RES 220 OHM 1/10W 1% 0603 SMD	R42, R43, R44, R45, R46, R47, R48, R49	PANASONIC ELECTRONIC	ERJ-3EKF2200V	8	P220HCT-ND	0.1	1
SWITCH TAPE SEAL 2 POS SMD 50V	SW1	CTS	219-2LPST	1	CT2192LPST-ND	0.6	0.6
IC EEPROM 256KBIT 1MHZ 8SOIC	U1	ATMEL	AT24C256C-SSHL-T	1	AT24C256C-SSHL-TCT-ND	1.1	1.1
IC MOTOR DRIVER SPI 36POWERSSO	U2, U6, U8, U10	STMICROELECTRONICS	L6470PD	4	497-13416-ND	9.5	38
IC BUFFER TRI-ST QD LOW V 14SOIC	U3	FAIRCHILD SEMICONDUCTOR	74LVX125MX	3	74LVX125MXCT-ND	0.51	0.51
IC DECODER 3-8 LINE ADV 16-SOIC	U4	ON SEMICONDUCTOR	MC74LVX138DR2G	1	MC74LVX138DR2GOSCT-ND	0.49	0.49
IC 4BIT NON-INV TRANSLTR 14-SOIC	U7, U9	TEXAS INSTRUMENTS	TXB0104DR	2	296-21928-1-ND	1.87	3.74
IC I/O EXPANDER SPI 16B 28SSOP	U5 ,11	MICROCHIP TECHNOLOGY	MCP23S17-E/SS	1	MCP23S17-E/SS-ND	1.58	3.16
IC ADC 16BIT SRL 115KSPS 24TSSOP	U12	MAXIM INTEGRATED	MAX1300AEUG+	1	MAX1300AEUG+-ND	13.94	13.94
IC 8BIT NON-INV TRANSLTR 20TSSOP	U13, U14	TEXAS INSTRUMENTS	TXB0108PWR	2	296-21527-1-ND	2.3	4.6
IC REG LDO 3.3V 0.5A SOT223-3	U15	MICROCHIP TECHNOLOGY	TC1262-3.3VDBTR	1	TC1262-3.3VDBCT-ND	0.62	0.62
CRYSTAL 16MHZ 18PF SMD	X1, X2, X3, X4	ABRACON CORPORATION	ABM3-16.000MHZ D2Y-T	4	535-10638-1-ND	1.09	4.36
							114.66