Description	Manufacturer Part Number 1	Designator	Footprint	Library	Packaging	Quantity	Supplier Subtotal 1	Supplier Unit Price 1
		D1	SOD-123	SOD_123		1		
		D10	SOD-123	SOD_123		1		
Multicomp WSMF Series	CMR01-03-T2	D1	DIODE	CMR01-03-T2	Ammo	1	0.29	0.29
4 Positions Header, Unshrouded Connector 0.100" (2.54mm) Through Hole Gold or Gold, GXT**	68001-204HLF	JP11	HDR_Male_R1_5V	68001-204HLF_R1_5V	Bulk	1	0.37	0.37
4 Positions Header, Unshrouded Connector 0.100" (2.54mm) Through Hole Gold or Gold, GXT**	68001-204HLF	JP2	HDR_MALE_BOOT	68001-204HLF_BOOT	Bulk	1	0.37	0.37
4 Positions Header, Unshrouded Connector 0.100" (2.54mm) Through Hole Gold or Gold, GXT**	68001-204HLF	JP3	HDR_Male_NRST	68001-204HLF_NRST	Bulk	1	0.37	0.37
4 Positions Header, Unshrouded Connector 0.100" (2.54mm) Through Hole Gold or Gold, GXT**	68001-204HLF	JP4	HDR_Male_E3C	68001-204HLF_E3C	Bulk	1	0.37	0.37
4 Positions Header, Unshrouded Connector 0.100" (2.54mm) Through Hole Gold or Gold, GXT**	68001-204HLF	JP5	HDR_Male_E3C	68001-204HLF_E3C	Bulk	1	0.37	0.37
4 Positions Header, Unshrouded Connector 0.100" (2.54mm) Through Hole Gold or Gold, GXT**	68001-204HLF	JP6	HDR_Male_E3C	68001-204HLF_E3C	Bulk	1	0.37	0.37
4 Positions Header, Unshrouded Connector 0.100" (2.54mm) Through Hole Gold or Gold, GXT**	68001-204HLF	JP7	HDR_Male_E3C	68001-204HLF_E3C	Bulk	1	0.37	0.37
4 Positions Header, Unshrouded Connector 0.100" (2.54mm) Through Hole Gold or Gold, GXT**	68001-204HLF	JP8	HDR_Male_R3	68001-204HLF_R3	Bulk	1	0.37	0.37
4 Positions Header, Unshrouded Connector 0.100" (2.54mm) Through Hole Gold or Gold, GXT**	68001-204HLF	JP9	HDR_Male_X7-LPF	68001-204HLF_X7-LPF	Bulk	1	0.37	0.37
USB ~micro B USB 2.0 Receptacle Connector 5 Position Surface Mount, Right Angle Contact	2118193-00011F	J1	2118193	2118193-00011F	Reel	1	0.88	0.88
ABRACON ABMT-24.000MHZ-D2T-T CRYSTAL, 24MHZ, 10PP, 8.7X3.6MM	ABMT-24.000MHZ-D2T-T	J3	ABM7_v1_0_IMG	ABMT-24.000MHZ-D2T-T	Cut Tape (CT)	1	0.73	0.73
MOSFET N-CH Logic Level	IRS2189W	J14	MOSFET	IRS2189W		1	0.44	0.44
MOSFET N-CH Logic Level	IRS2189W	J2	MOSFET	IRS2189W		1	0.44	0.44
MOSFET N-CH Logic Level	IRS2189W	J3	MOSFET	IRS2189W		1	0.44	0.44
MOSFET N-CH Logic Level	IRS2189W	J4	MOSFET	IRS2189W		1	0.44	0.44
MOSFET N-CH Logic Level	IRS2189W	J5	MOSFET	IRS2189W_1		1	0.44	0.44
MOSFET N-CH Logic Level	IRS2189W	J6	MOSFET	IRS2189W_1		1	0.44	0.44
MOSFET N-CH Logic Level	IRS2189W	J7	MOSFET	IRS2189W_1		1	0.44	0.44
MOSFET N-CH Logic Level	IRS2189W	J8	MOSFET	IRS2189W_1		1	0.44	0.44
Multilayer Ceramic Capacitors MLCC - SMD/SMT 16volts 10uF C0G 20%	C0805C100M4V5AC TU	C10	C0805	C0805C100M4V5AC TU_1	Cut Tape	1	0.1	0.1
Multilayer Ceramic Capacitors MLCC - SMD/SMT 16volts 10uF C0G 20%	C0805C100M4V5AC TU	C12	C0805	C0805C100M4V5AC TU_1	Cut Tape	1	0.1	0.1
Multilayer Ceramic Capacitors MLCC - SMD/SMT 16volts 10uF C0G 20%	C0805C100M4V5AC TU	C14	C0805	C0805C100M4V5AC TU_1	Cut Tape	1	0.1	0.1
Multilayer Ceramic Capacitors MLCC - SMD/SMT 16volts 10uF C0G 20%	C0805C100M4V5AC TU	C16	C0805	C0805C100M4V5AC TU_1	Cut Tape	1	0.1	0.1
Multilayer Ceramic Capacitors MLCC - SMD/SMT 16volts 10uF C0G 20%	C0805C100M4V5AC TU	C18	C0805	C0805C100M4V5AC TU_1	Cut Tape	1	0.1	0.1
CAP CER 3000VDC 50V X7R 0805	C1206MX7R5000-103	C2	C0805	C1206MX7R5000-103	Digi-Reel®	1	0.1	0.1
Multilayer Ceramic Capacitors MLCC - SMD/SMT 6.3volts 10uF X5R 20%	C1206MX5R6BB10-7L	C22	C0805	C1206MX5R6BB10-7L	Tape & Reel (TR)	1	0.39	0.39
Cap Ceramic 10uF 16V X5R 10% SMD 0805 85C TR	CL21A106MOQNNNE	C30	C0805	CL21A106MOQNNNE	-	1	0.21	0.21
Cap Ceramic 10uF 16V X5R 10% SMD 0805 85C TR	CL21A106MOQNNNE	C21	C0805	CL21A106MOQNNNE	-	1	0.21	0.21
Cap Ceramic 10uF 16V X5R 10% SMD 0805 85C TR	CL21A106MOQNNNE	C6	C0805	CL21A106MOQNNNE	-	1	0.21	0.21
Cap Ceramic 10uF 16V X5R 10% SMD 0805 85C TR	CL21A106MOQNNNE	C8	C0805	CL21A106MOQNNNE	-	1	0.21	0.21
Cap Ceramic 0.1uF 16V X7R 10% SMD 0805 125C Paper	CL21B104KCANNNC	C11	C0805	CL21B104KCANNNC	-	1	0.1	0.1
Cap Ceramic 0.1uF 16V X7R 10% SMD 0805 125C Paper	CL21B104KCANNNC	C13	C0805	CL21B104KCANNNC	-	1	0.1	0.1
Cap Ceramic 0.1uF 16V X7R 10% SMD 0805 125C Paper	CL21B104KCANNNC	C15	C0805	CL21B104KCANNNC	-	1	0.1	0.1
Cap Ceramic 0.1uF 16V X7R 10% SMD 0805 125C Paper	CL21B104KCANNNC	C17	C0805	CL21B104KCANNNC	-	1	0.1	0.1
Cap Ceramic 0.1uF 16V X7R 10% SMD 0805 125C Paper	CL21B104KCANNNC	C19	C0805	CL21B104KCANNNC	-	1	0.1	0.1
Cap Ceramic 0.1uF 16V X7R 10% SMD 0805 125C Paper	CL21B104KCANNNC	C23	C0805	CL21B104KCANNNC	-	1	0.1	0.1
Cap Ceramic 0.1uF 16V X7R 10% SMD 0805 125C Paper	CL21B104KCANNNC	C3	C0805	CL21B104KCANNNC	-	1	0.1	0.1
Cap Ceramic 0.1uF 16V X7R 10% SMD 0805 125C Paper	CL21B104KCANNNC	C5	C0805	CL21B104KCANNNC	-	1	0.1	0.1
Cap Ceramic 0.1uF 16V X7R 10% SMD 0805 125C Paper	CL21B104KCANNNC	C7	C0805	CL21B104KCANNNC	-	1	0.1	0.1
Cap Ceramic 33pF 50V C0G 5% SMD 0805 125C Paper	CL21C330JBANNNC	C1	C0805	CL21C330JBANNNC	-	1	0.1	0.1
Cap Ceramic 33pF 50V C0G 5% SMD 0805 125C Paper	CL21C330JBANNNC	C2	C0805	CL21C330JBANNNC	-	1	0.1	0.1
CAP CER 2.2UF 16V X6R 0805	CGA21X2E2J562K/7	C9	C0805	CGA21X2E2J562K/7	Cut Tape (CT)	1	0.16	0.16
RESISTOR, THICK FILM, N-TWO/SHIELD, 125mW, ± 1%	CRJ-WEMF6792V	D4	R0805	CRJ-WEMF6792V	Reel	1	0.1	0.1
DIODE ZENER 3.6V 500mW SOD-123	CTZ3.6BL-RB1L	D6	SOD_2B	CTZ3.6BL-RB1L	Tape and Reel	1	0.1	0.1
WORLD'S BEST 8-WAY INTEGRATED	CM-20602	D1	LGA	CM-20602		1	5.72	5.72
RES SMD 3.6kOHM 5% 1/8W 0805	RC0805JR-073K6L	R6	R0805	RC0805JR-073K6L	Reel	1	0.1	0.1
RESD RC0805JR-071ML RES, THICK FILM, 1W, 0%, 0.125W, 0805	RC0805JR-071ML	R1	R0805	RC0805JR-071ML	Cut Tape	1	0.1	0.1
RESD RC0805JR-071ML RES, THICK FILM, 1W, 0%, 0.125W, 0805	RC0805JR-071ML	R2	R0805	RC0805JR-071ML	Cut Tape	1	0.1	0.1
RESD RC0805JR-071ML RES, THICK FILM, 1W, 0%, 0.125W, 0805	RC0805JR-071ML	R3	R0805	RC0805JR-071ML	Cut Tape	1	0.1	0.1
RESD RC0805JR-071ML RES, THICK FILM, 1W, 0%, 0.125W, 0805	RC0805JR-071ML	R5	R0805	RC0805JR-071ML	Cut Tape	1	0.1	0.1
RESD RC0805JR-071ML RES, THICK FILM, 1W, 0%, 0.125W, 0805	RC0805JR-071ML	R7	R0805	RC0805JR-071ML	Cut Tape	1	0.1	0.1
RESD RC0805JR-071ML RES, THICK FILM, 1W, 0%, 0.125W, 0805	RC0805JR-071ML	R8	R0805	RC0805JR-071ML	Cut Tape	1	0.1	0.1
RES SMD 56kOHM 5% 1/8W 0805	RC0805JR-0756KL	R10	R0805	RC0805JR-0756KL	Reel	1	0.1	0.1
RES SMD 56kOHM 5% 1/8W 0805	RC0805JR-0756KL	R11	R0805	RC0805JR-0756KL	Reel	1	0.1	0.1
RES SMD 56kOHM 5% 1/8W 0805	RC0805JR-0756KL	R12	R0805	RC0805JR-0756KL	Reel	1	0.1	0.1
RES SMD 56kOHM 5% 1/8W 0805	RC0805JR-0756KL	R13	R0805	RC0805JR-0756KL	Reel	1	0.1	0.1
RES SMD 56kOHM 5% 1/8W 0805	RC0805JR-0756KL	R14	R0805	RC0805JR-0756KL	Reel	1	0.1	0.1
RES SMD 56kOHM 5% 1/8W 0805	RC0805JR-0756KL	R9	R0805	RC0805JR-0756KL	Reel	1	0.1	0.1
LED GREEN CLEAR 0805 SMD	EML-M11P7T8B	LED2	LED	EML-M11P7T8B	Reel	1	0.5	0.5
LED RED CLEAR 0805 SMD	EML-M11V7T8B	LED1	LED	EML-M11V7T8B	Reel	1	0.65	0.65
STMICROELECTRONICS STM32F446RET6 32-bit Microcontroller, High Performance, ARM Cortex-M4, 180 MHz, 512 kB, 128 kB SRAM, LQFP64	STM32F446RET6	U13	STM32F10x1xC	STM32F446RET6		1	8.58	8.58
IC REG LDO 3.3V 0.1A SOT223-3	XC6206P332MR-G	U2	SOT-2	XC6206P332MR-G	Tape and Reel	1	2.99	2.99
IC REG LDO 2.5V 0.1A SOT223-3	XC6206P252MR-G	U4	SOT-2	XC6206P252MR-G	Tape and Reel	1	2.99	2.99