





Line #	Name	Description	Designator	Revision ID	Revision Status	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	Custom item 1					0							
	Custom item 2					0							
	L7912CD2T-TR	Negative Voltage Regulator, -12V, 3-Pin D2PAK, Tape and Reel	-12v regulator	CMP-0244-00212-1	Up to date	1	STMicroelectronics	L7912CD2T-TR	Volume Production	Digikey	497-1215-6-ND	1.03	1.03
	L78L05ACUTR	IC REG LINEAR 5V/100MA SOT89-3	5V reg	CMP-0244-00407-2	Up to date	1	STMicroelectronics	L78L05ACUTR	Volume Production	Digikey	497-1183-6-ND	0.29	0.29
	L7812ABD2T-TR	Positive Voltage Regulator, 3-Pin D2PAK, Tape and Reel	12v regulator	CMP-0244-00181-1	Up to date	1	STMicroelectronics	L7812ABD2T-TR	Volume Production	Mouser	511-L7812ABD2T-TR	0.76	0.76
	12063C105MAT2A	General Purpose Ceramic Capacitor, 1206, 1uF, 20%, X7R, 15%, 25V	C1 1uF, C2 1uF, C3 1uF, C4 1uF, C5 1uF, C6 1uF, C7 1uF, C8 1uF, C9 1uF, C10 1uF, C11 0.1 1uF, C12 0.1 1uF, C13 100 pF, C14 1uF, C15 1uF, C16 1uF, C17 1uF, C18 1uF, C19 1uF, C20 1uF, C21 0.1uF, C22 1uF, C23 1uF, C24 1uF, C25 1uF, C26 1uF, C27 1uF, C28 1uF	CMP-04427-017534-1	Up to date	28	Kyocera AVX	12063C105MAT2A	Volume Production	Digikey	478-KGM31HR71E105MUCT-ND	0.191	5.35
	UWT1H101MNL1GS	CAP ALUM 100UF 20% 50V SMD	C 100uF	CMP-2000-07373-2	Up to date	1	Nichicon	UWT1H101MNL1GS	Volume Production	Newark	58R3580	0.468	0.468
	1N4148WT-7	DIODE GEN PURP 80V 125MA SOD523	D1, D2, D3, D4	CMP-2000-05518-3	Up to date	4	Diodes	1N4148WT-7	Volume Production	Newark	51R7872	0.027	0.108
	B2B-EH-A(LF)(SN)	CONN HEADER VERT 2POS 2.5MM	J1, J2, J3	CMP-17439-000026-1	Up to date	3	JST	B2B-EH-A(LF)(SN)	Volume Production	Future Electronics	3606084	0.0568	0.1704
	B3B-EH(LF)(SN)	3 Position Single Row 2.5 mm Press Fit Through Hole Shrouded Pin Header	J4	CMP-17439-000692-1	Up to date	1	JST	B3B-EH(LF)(SN)	Volume Production				
	L293DD	Push-Pull Four Channel Driver with Diodes, 4.5 to 36 V, 20-Pin SOIC, RoHS, Tube	MOTOR DRIVER	CMP-1771-00003-1	Up to date	1	STMicroelectronics	L293DD	Volume Production	Arrow Electronics	L293DD	4.91	4.91
	BC53PAS-QX	Transistor BJT PNP	Q1, Q2			2							
	ERJ-8ENF1502V		R1 15K, R2 15K, R4 3.3K, R5 3.3K, R25 10K, R26 10K, R27 330K, R28 6.8K, R29 6.8K, R30 3.4K, R31 6.8K, R32 6.8K, R33 6.8K, R34 6.8K, R41 3.4K, R42 6.8K, R43 6.8K, R44 1K, R45 1K, R46 1K, R47 1K	CMP-2003-00118-2	Up to date	21	Panasonic	ERJ-8ENF1502V	Not Recommended for New Design	Newark	64R5442	0.014	0.294
	CRCW120610K0FKEA	RES Thick Film, 10kΩ, 1%, 0.25W, 100ppm/°C, 1206	R3 3.3K, R6 3.3K, R7 1K, R8 1K, R9 1K, R10 10K, R11 330K, R12 330K, R13 15 K, R14 15 K, R15 3.3K, R16 3.3 K, R17 3.3K, R18 3.3 K, R19 3.3K, R20 3.3K, R21 3.3K, R22 3.3 K, R23 3.3 K, R24 3.3K, R35 3.3K, R36 3.3 K, R37 3.3K, R38 3.3K, R39 3.3K, R40 3.3K, R48 3.3K	CMP-2003-04807-2	Up to date	27	Vishay	CRCW1206-10K0FKEA	Volume Production				
	TLV9152IDR	IC OPAMP GP 2 CIRCUIT SSOIC	U1, U2, U3, U4, U5, U6, U7, U8, U9, U10, U11	CMP-04895-000148-1	Up to date	11	Texas Instruments	TLV9152IDR	Volume Production	Digikey	296-TLV9152IDRCT-ND	0.788	8.67
	3296W-1-103RLF	TRIMMER 10K OHM 0.5W PC PIN TOP	VR1 20K, VR2 20K, VR3 20K, VR4 20K, VR6 100, VR7 20K, VR8 20K, VR9 100, VR10 20K, VR11 100, VR12 20K, VR13 20K, VR14 20K	CMP-07234-000024-1	Up to date	13	Bourns	3296W-1-103RLF	Volume Production	Newark	41Y1393	1.38	17.94