

Footprint		Comment	Designator	Description	Quantity	Price/Unit	Total Price	Source							
	7343	100uF	C1	Pol. (Radial) Capacitor	1	\$1.13	\$1.13	https://www.digikey.com/product-detail/en/avx-corporation/TPSD107K106R0125/478-1778-1-ND/564810							
6-0805_N		100nF	C2, C6, C7, C8, C9, C16, C17, C21, C23, C27, C28, C29, C31, C32, C37, C41, C43, C44, C45, C46, C47, C49, C50, C52, C53, C55, C56, C60, C61, C66, C67, C68, C69	Capacitor	35	\$0.10	\$3.50	http://www.mouser.com/ProductDetail/KEMET/C0805C104K3RACTU/?qs=sGAEpiMZZMsh%252b1woXyUXjYnLb0qGP6S1b6VfKWFAUBM%3d							
6-0805_N		4.7nF	C3, C10, C12, C13, C18, C20, C24, C33, C35, C36	Capacitor	10	\$0.08	\$0.80	http://www.mouser.com/ProductDetail/Wurth-Electronics/885012207037/?qs=sGAEpiMZZMs0AnBnWWhyRQEGbLOF2VP1I3mM1aZ64hPJXHNyHLLrReg%3d%3d							
	3528	10uF	C4, C14, C15, C26, C30, C38, C48, C62, C63	Pol. (Radial) Capacitor	9	\$0.14	\$1.26	http://www.mouser.com/ProductDetail/AVX/JAIB106K006TNUJ/?qs=sGAEpiMZZMsh%252b1woXyUXj1eT%252b1eFJUD9%252b5pDaY3tUY%3d							
C1206		2.2uF	C5	Capacitor	1	\$0.51	\$0.51	http://www.mouser.com/ProductDetail/AVX/I206YC204KAT4A/?qs=sGAEpiMZZMs0AnBnWWhyRQKdiqvDPvQAduFYzzft%2ffo%3d							
6-0805_N		3.3nF	C11, C19 C25, C34, C39, C40, C58, C59	Capacitor	8	\$0.08	\$0.64	http://www.mouser.com/ProductDetail/Wurth-Electronics/885012207030/?qs=sGAEpiMZZMs0AnBnWWhyRQEGbLOF2VP1UJ%252b0106l9b7rkOpzTp3YgmM9g%3d%3d							
6-0805_N		10uF	C22, C51, C54, C57, C64, C65	Pol. (Radial) Capacitor	6	\$0.10	\$0.60	http://www.mouser.com/ProductDetail/Vishay-Vitramon/VJ0805G106KXQTW1BC/?qs=sGAEpiMZZMs0AnBnWWhyRQJL7mnJ7m%2fnEvCOm4IaVa8KaCsgeYvJgiA%3d%3d							
C1210		47uF	C42	Capacitor	3	\$0.17	\$0.51	http://www.mouser.com/ProductDetail/AVX/JAIB476M010TNJ/?qs=sGAEpiMZZMsh%252b1woXyUXj8TkNVC6U%2frk3EnOXukBPel%3d							
6-0805_N			D1	Infrared LED	1	\$0.13	\$0.13	http://www.mouser.com/ProductDetail/Kingbright/AP2012EC/?qs=sGAEpiMZZMseGfSY3csMKfJSfxWFNNsnHOYTJU5HAHy%3d							
DSUB 1.385-2H9	D Connector 9	J1, J2		Receptacle Assembly, 9 position, right angle	2	\$0.96	\$1.92	http://www.mouser.com/ProductDetail/Amphenol-FCI/D09S33E4PA00LF/?qs=sGAEpiMZZMuKrGJUvEKsAPeJDJK2%2f1VF6ncItP4KgQc%3d							
6-0805_N	600 Ohm	L1, L2, L3, L4		Inductor	4	\$0.10	\$0.40	http://www.mouser.com/ProductDetail/Murata-Electronics/BLM21AG601SN1D/?qs=sGAEpiMZZMtIdyOheItOmRV9%252b5BLdsWKJJEaqofkZOy8%3d							
HDR2X13	Header 13X2	P1		Header, 13-pin, dual row	1	\$0.76	\$0.76	https://www.mouser.com/ProductDetail/3M-Electronic-Solutions-Division/D89126-0101HK/?qs=sGAEpiMZZMs%252bGHlnq7h6pm5UEUVhfB9fHzWcKSeXhb5Eq%3d							
HDR1X5	Header 5	P5		Header, 5-pin	1	\$0.25	\$0.25	http://www.mouser.com/ProductDetail/Molex/22-04-5053/?qs=sGAEpiMZZMs%252bGHln7ag6pmYFFY3IEhnZoKgmIMqDMS4R8%3d							
			R1, R2, R3, R6, R7, R9, R10, R12, R13, R14, R15, R16, R17, R19, R22, R24, R25, R26, R27, R29, R30, R32, R40	Resistor	23	\$0.02	\$0.35	http://www.mouser.com/ProductDetail/Panasonic/ER-J-6GEYJ302V/?qs=sGAEpiMZZMTtlubZbdhlBIHMhuYP6KGObakR1NFfeabeb8%3d							
6-0805_N	3k	1k	R4	Resistor	1	\$0.10	\$0.10	http://www.mouser.com/ProductDetail/Yageo/RC0805FR-071KL/?qs=sGAEpiMZZMTtlubZbdhlBINUU4p5cmnF1Rv8EVvr4ss%3d							
6-0805_N	220	R5, R11, R23, R28		Resistor	4	\$0.10	\$0.40	http://www.mouser.com/ProductDetail/Yageo/RC0805FR-0722ORL/?qs=sGAEpiMZZMTtlubZbdhlBICC4CHQM9fZuGsE02AR9%252bB0%3d							
6-0805_N	1.5k	R8, R18, R21, R31		Resistor	4	\$0.10	\$0.40	http://www.mouser.com/ProductDetail/Panasonic/ER-J-6GEYJ152V/?qs=sGAEpiMZZMTtlubZbdhlBIILTUCn4KER6gAc4yLDBLQOA%3d							
6-0805_N	10k	R20, R37		Resistor	2	\$0.10	\$0.20	http://www.mouser.com/ProductDetail/Yageo/RC0805FR-0710KL/?qs=sGAEpiMZZMTtlubZbdhlBIOFKZRuegvHPJZwbdsSsnMYE%3d							
6-0805_N	470	R34, R35, R38, R39		Resistor	4	\$0.10	\$0.40	http://www.mouser.com/ProductDetail/Panasonic/ER-J-6ENF4700V/?qs=sGAEpiMZZMTtlubZbdhlBIM9M6uj2YrJmJHWJ5jVKEAk%3d							
6-0805_N	100	R36		Resistor	1	\$0.10	\$0.10	http://www.mouser.com/ProductDetail/Yageo/RT0805FRE07100RL/?qs=sGAEpiMZZMTtlubZbdhlBIASm85smCX%2fHpnJfNZc9l8%3d							
	100M	R1		Resistor (STM head)	1	\$0.41	\$0.41	https://www.mouser.com/ProductDetail/TE-Connectivity-Neohm/RGP0207CHJ100M/?qs=sGAEpiMZZMTtlubZbdhlBIFh03SHDFZSXYcUmEq6Zhm%3d							
				Double Channel Wide Bandwith Operational Amplifier, 10MHz BW, 2.5 V/us SR, Industrial, 8-pin SOIC (r-8), Tube											
ADI-R-8_M	OPA2227	U1, U3, U6			3	\$4.83	\$14.49	http://www.mouser.com/Texas-Instruments/Semiconductors/Amplifier-ICs/Operational-Amplifiers-Op-Amps/OPA2227-Series/_/N-4h00g?P=1yyhT2nZ1ymyolzZ1zOzIs6							
182H_N	REF102	U2		Precision Voltage Reference	1	\$4.38	\$4.38	http://www.mouser.com/ProductDetail/Texas-Instruments/REF102AU-2K5/?qs=sGAEpiMZZMuBck1X%252b7j9fIs%252b2agLkdiAvLbAxpP%252bKhc%3d							
				High-Precision, Low Noise Operational Amplifier, 5 to 36 -40 to 85 degC, 14-pin SOIC (d14), Green (roHS & no SbBr)											
TI-D14_M	OPA4227	U4, U7			2	\$9.49	\$18.98	http://www.mouser.com/ProductDetail/Texas-Instruments/OPA4227UA-2K5/?qs=sGAEpiMZZMTChixnSjNA6Mrdwin7F8A2o1viXLLEJM%3d							
				16-bit, quad, serial input multiplying digital to analog converter, -40 to 85 degC, 28-pin SOP (DB28), Green											
TI-DB28_L	DAC8814	U5			1	\$32.04	\$32.04	http://www.mouser.com/ProductDetail/Texas-Instruments/DAC8814IBDBT/?qs=sGAEpiMZZMu0%252bXm5g8fIMJnEdjBk%252b0%2f							
MSOP-16	LTC2326-16	U10			1	\$0.00	\$0.00								
				Dual Channel, 16-Bit Accurate Operational Amplifier, 200MH Typical GBW, 30 V/us Typical SR, 10 to 36V, 8-pin SOIC (s8-8), Commercial, Pb-Free											
LT-S8-8_N	LT1469	U12			1	\$0.00	\$0.00	http://www.linear.com/product/LT1469							
6-0805_N	0-Ohm Jumper	W1, W2		Jumper Wire	2	\$0.10	\$0.20	http://www.mouser.com/ProductDetail/Yageo/RC0805JR-070RL/?qs=sGAEpiMZZMvdGkrng054t%252bZQNzdkdHZDMpZsRvm9j78%3d							
SOIC-8	OPA124			Low noise precision amplifier	1	\$10.57	\$10.57	http://www.mouser.com/ProductDetail/Texas-Instruments/OPA124U/?qs=sGAEpiMZZMvNjQ14UgldUoJF5%252bBnCwU9rTtHQzNBY%3d							
							\$95.43								