

Line #	Name	Description	Designator	Manufacturer 1
	3224W-1-103E	Variable Resistor	VR4	
	3224W-1-103E	Variable Resistor	VR9	
	3224W-1-103E	Variable Resistor	VR10	
	3224W-1-103E	Variable Resistor	VR11	
	3224W-1-103E	Variable Resistor	VR12	
	PMEG2010ER,115	Schottky Diode	D1	
	PMEG2010ER,115	Schottky Diode	D2	
	RES 1M 0805	Resistor	R22	
	RES 1M 0805	Resistor	R23	
	RES 1M 0805	Resistor	R24	
	RES 1M 0805	Resistor	R25	
	RES 499R	Res Thin Film 0402 499R Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R12	
	RES 499R	Res Thin Film 0402 499R Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R13	
	RES 499R	Res Thin Film 0402 499R Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R14	
	RES 499R	Res Thin Film 0402 499R Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R16	
	RES 499R	Res Thin Film 0402 499R Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R17	
	RES 499R	Res Thin Film 0402 499R Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R18	
	RES 499R	Res Thin Film 0402 499R Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R19	
	RES 499R	Res Thin Film 0402 499R Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R21	
	RES 100R	Res Thin Film 0402 100R Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R1	
	RES 100R	Res Thin Film 0402 100R Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R10	
	RES 100K	Res Thin Film 0402 100K Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R7	
	RES 100K	Res Thin Film 0402 100K Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R34	
	RES 100K	Res Thin Film 0402 100K Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R35	
	RES 10K	Res Thin Film 0402 10K Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R4	
	RES 10K	Res Thin Film 0402 10K Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R5	
	RES 10K	Res Thin Film 0402 10K Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R11	
	RES 1K	Res Thin Film 0402 1K Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R2	
	RES 1K	Res Thin Film 0402 1K Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R3	
	RES 1K	Res Thin Film 0402 1K Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R6	
	RES 1K	Res Thin Film 0402 1K Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R8	
	RES 1K	Res Thin Film 0402 1K Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R15	
	RES 1K	Res Thin Film 0402 1K Ohm 0.1% 1/16W ±25ppm/°C Molded SMD SMD Paper T/R	R20	

Line #	Name	Description	Designator	Manufacturer 1
	RES 0	Res Thin Film 0402 0 Ohm 0.1% 1/16W $\pm 25\text{ppm}/^{\circ}\text{C}$ Molded SMD SMD Paper T/R	R28	
	RES 0	Res Thin Film 0402 0 Ohm 0.1% 1/16W $\pm 25\text{ppm}/^{\circ}\text{C}$ Molded SMD SMD Paper T/R	R29	
	RES 0	Res Thin Film 0402 0 Ohm 0.1% 1/16W $\pm 25\text{ppm}/^{\circ}\text{C}$ Molded SMD SMD Paper T/R	R32	
	RES 0	Res Thin Film 0402 0 Ohm 0.1% 1/16W $\pm 25\text{ppm}/^{\circ}\text{C}$ Molded SMD SMD Paper T/R	R33	
	5002	PC TEST POINT MINIATURE WHITE	DAC	
	5002	PC TEST POINT MINIATURE WHITE	DUT	
	5002	PC TEST POINT MINIATURE WHITE	DUT_FILTER	
	5002	PC TEST POINT MINIATURE WHITE	DUT_PGA_R	
	5002	PC TEST POINT MINIATURE WHITE	DUT_REF	
	5002	PC TEST POINT MINIATURE WHITE	fDAC	
	5002	PC TEST POINT MINIATURE WHITE	G1	
	5002	PC TEST POINT MINIATURE WHITE	G2	
	5002	PC TEST POINT MINIATURE WHITE	G3	
	5002	PC TEST POINT MINIATURE WHITE	G4	
	5002	PC TEST POINT MINIATURE WHITE	N5V	
	5002	PC TEST POINT MINIATURE WHITE	P5V	
	5002	PC TEST POINT MINIATURE WHITE	PGA0	
	5002	PC TEST POINT MINIATURE WHITE	PGA1	
	5002	PC TEST POINT MINIATURE WHITE	R1k	
	5002	PC TEST POINT MINIATURE WHITE	R1K_FILTER	
	5002	PC TEST POINT MINIATURE WHITE	R1k_PGA_R	
	5002	PC TEST POINT MINIATURE WHITE	R1k_REF	
	5002	PC TEST POINT MINIATURE WHITE	T_A4	
	5002	PC TEST POINT MINIATURE WHITE	T_A5	
	5002	PC TEST POINT MINIATURE WHITE	T_D0	
	5002	PC TEST POINT MINIATURE WHITE	T_D1	
	5002	PC TEST POINT MINIATURE WHITE	TP2	
	5002	PC TEST POINT MINIATURE WHITE	VG	
	5002	PC TEST POINT MINIATURE WHITE	Vin	
	ADA4807-4ARUZ-R7	Op Amp Quad High Speed Amplifier R-R I/O $\pm 5.5\text{V}/11\text{V}$ 14-Pin TSSOP T/R	U1	
	ADA4099-2HRZ	Integrated Circuit	U8	
	ADA4522-2ARZ_1	Integrated Circuit	U12	
	ADA4522-2ARZ_1	Integrated Circuit	U13	

Line #	Name	Description	Designator	Manufacturer 1
	ADP7118ARDZ-5.0-R7	Integrated Circuit	U3	
	ADP7182AUJZ-5.0-R7	Integrated Circuit	U4	
	LTC6910-1CTS8#TRMPBF	Integrated Circuit	U10	
	LTC6910-1CTS8#TRMPBF	Integrated Circuit	U11	
	ADA4522-2ARZ	IC OP AMP 55V LN ZD 8SOIC	U9	
	AD8429ARZ-R7	IC INST AMP 1 CIRCUIT 8SOIC, AD8429ARZ-R7	U6	
	AD8429ARZ-R7	IC INST AMP 1 CIRCUIT 8SOIC, AD8429ARZ-R7	U7	
	BLM18KG221SN1D	Ferrite Bead	FB1	
	BLM18KG221SN1D	Ferrite Bead	FB2	
	67996-412HLF	Connector	J4	
	67996-416HLF	Connector	J2	
	67996-416HLF	Connector	J3	
	67996-420HLF	Connector	J1	
	M20-9990246	Connector	J10	
	M20-9990345	Connector	J9	
	15p	Capacitor 15p 0402	C1	
	GRM188R61E106KA73J-10u	Capacitor 10u 0603	C11	
	GRM188R61E106KA73J-10u	Capacitor 10u 0603	C13	
	5p	Capacitor 5p 0402	C2	
	2.2u	Capacitor 2.2u 0803	C3	
	2.2u	Capacitor 2.2u 0803	C4	
	2.2u	Capacitor 2.2u 0803	C6	
	2.2u	Capacitor 2.2u 0803	C7	
	GRM155R61E105KA12J-1u	Capacitor 1u 0402	C21	
	GRM155R61E105KA12J-1u	Capacitor 1u 0402	C48	
	GRM155R61E105KA12J-1u	Capacitor 1u 0402	C49	
	1n	Capacitor 1n 0402	C5	
	1n	Capacitor 1n 0402	C10	
	1n	Capacitor 1n 0402	C34	
	1n	Capacitor 1n 0402	C35	
	1n	Capacitor 1n 0402	C36	
	1n	Capacitor 1n 0402	C37	
	1n	Capacitor 1n 0402	C38	

Line #	Name	Description	Designator	Manufacturer 1
	1n	Capacitor 1n 0402	C39	
	GCM188R91E104KA37D-0.1u	Capacitor 0.1u 0603	C12	
	GCM188R91E104KA37D-0.1u	Capacitor 0.1u 0603	C14	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C8	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C9	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C15	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C16	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C17	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C18	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C19	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C20	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C22	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C23	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C24	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C25	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C26	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C27	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C30	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C31	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C32	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C33	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C40	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C41	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C42	
	GCM155R71H104KE02D-0.1u	Capacitor 0.1u 0402 X7R	C43	
	GRM188R61E106KA73J-10u	Capacitor	C29	
	GRM188R61E106KA73J-10u	Capacitor	C44	
	GRM188R61E106KA73J-10u	Capacitor	C45	
	GRM188R61E106KA73J-10u	Capacitor	C46	
	GRM188R61E106KA73J-10u	Capacitor	C47	
	282834-3	3 Position Wire to Board Terminal Block Horizontal with Board 0.100 (2.54mm)	P1	
	282834-3	3 Position Wire to Board Terminal Block Horizontal with Board 0.100 (2.54mm)	P2	