

Bill of Materials

sig_v2.PrjPCB

08-Feb-10

Quantity	Comment	Footprint	SupplierPartNumber	Designator	Description
26	4u7	CC3216-1206	GRM31CR71E475KA88	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C17, C18, C19, C20, C24, C25, C33, C34, C36, C38, C39, C50, C55, C56	Capacitor
2	560p	RAD-0.1	23PW156	C13, C14	Capacitor
2	0p	CC2012-0805	None	C15, C16	Capacitor
1	470n	CC3216-1206	GRM31MR71H474KA01	C21	Capacitor
18	100n	CC2012-0805	C0805C104K5RAC	C22, C23, C26, C27, C28, C29, C30, C31, C54, C57, C58, C59, C60, C61, C62, C63, C64, C66	Capacitor
7	0u47	CC2012-0805	GRM21BR71H474KA88	C32, C35, C37, C40, C41, C51, C68	Capacitor
8	3u3	CC3528-B	293D335X9025B2	C42, C43, C44, C45, C46, C47, C48, C67	Polarized capacitor
2	4p7	CC2012-0805	C0805C479C5GAC	C49, C53	Capacitor
1	470n	CC3225-1210	GRM31MR71H474KA01	C52	Capacitor
2	47p	CC2012-0805	C0805C470J5GAC	C65, C96	Capacitor
1	TFM-150-01-S-D-RA	MHDR2X50	TFM-150-01-S-D-RA	J1	Connector 2x50 pin 0.050 inch
3	SMB-H	C3528	2743019446	L1, L2, L3	Ferrite bead
2	SMB-M	C2012-0805	2508055007Y0	L5, L7	Ferrite bead
12	2K00	C3216-1206	TNPW120620001B	R1, R2, R3, R4, R7, R8, R19, R20, R21, R22, R25, R26	Resistor
2	511	C3216-1206	CRCW1206511RFKEA	R5, R23	Resistor
2	2K	C3216-1206	CRCW12062K00FKEA	R6, R24	Resistor
27	10R0	C3216-1206	CRCW120610R0FKEA	R9, R10, R11, R16, R18, R27, R29, R61, R63, R69, R70, R72, R73, R74, R75, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91	Resistor
10	5K	C3216-1206	CRCW12064K99FKEA	R12, R13, R14, R15, R30, R31, R32, R33, R35, R36	Resistor
3	511K	C3216-1206	CRCW1206511KFKEA	R17, R57, R58	Resistor
4	620	C3216-1206	CRCW1206620RFKEA	R37, R40, R41, R43	Resistor
4	5K6	C3216-1206	CRCW12065K60FKEA	R38, R39, R42, R44	Resistor
6	750	C3216-1206	CRCW1206750RFKEA	R45, R48, R49, R51, R54, R56	Resistor
4	3K	C3216-1206	CRCW12063K00FKEA	R46, R47, R50, R52	Resistor
2	5K11	C3216-1206	CRCW12065K11FKEA	R53, R55	Resistor
2	33R2	C3216-1206	CRCW120633R2FKEA	R59, R60	Resistor
11	47K	C3216-1206	CRCW120647K5FKEA	R62, R64, R65, R66, R67, R68, R71, R76, R77, R78, R79	Resistor
8	22	C3216-1206	CRCW120622R1FKEA	R92, R93, R94, R95, R96, R97, R98, R99	Resistor
2	TP	SMTF	TP-107-02	TP1, TP2	Test point
2	DG612DY	SO-G16	DG612DY	U1, U2	Quad SPST analog switch
2	LT1361CS8	SO-G8	LT1361CS8	U3, U4	Dual op-amp
4	AD825AR	SO-G8	AD825AR, AD825ARZ	U5, U6, U7, U8	FET op-amp
2	AD7671AST	TQFP7X7-G48/N	AD7671AST	U9, U10	Single 16-bit ADC
1	DG418DY	SO-G8	DG418DY	U11	Single SPST analog switch
1	MAX547ACMH	QFP10X10-G44/N	MAX547ACMH	U12	Octal 13-bit DAC
4	OP295	SO-G8	OP295GSZ	U13, U14, U20, U21	Dual op-amp
1	LT1521CST-5	SOT-223R	LT1521CST-5	U15	Voltage regulator
1	LT1175IST-5	SOT-223R	LT1175IST-5	U16	Voltage regulator
1	MAX6341ESA	SO-G8	MAX6341ESA	U17	Voltage reference
1	LM317EMP	SOT-223	LM317EMP	U18	Voltage regulator
1	LM337EMP	SOT-223	LM337EMP	U19	Voltage regulator

1	MAX6325ESA	SO-G8	MAX6325ESA	U22	Voltage reference
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