

Bill of Materials

sig_proc_v3.PrjPCB

08-Feb-10

Quantity	Comment	Footprint	SupplierPartNumber	Designator	Description
28	4u7	CC3216-1206	GRM31CR71E475KA88	C1, C2, C3, C4, C5, C6, C7, C8, C10, C11, C12, C13, C14, C15, C16, C17, C18, C20, C23, C24, C25, C26, C35, C36, C40, C41, C76, C77	Capacitor
31	100n	CC2012-0805	C0805C104K5RAC	C9, C19, C22, C27, C28, C30, C43, C67, C68, C69, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C98, C110, C111, C112	Capacitor
2	390n	CC3216-1206	C1206C394K5RAC	C21, C55	Capacitor
2	560p	RAD-0.1	23PW156	C29, C31	Capacitor
2	0p	CC2012-0805	None	C32, C33	Capacitor
4	470n	CC2012-0805	GRM21BR71H474KA88	C34, C39, C56, C71	Capacitor
2	470n	CC3216-1206	GRM31MR71H474KA01	C37, C42	Capacitor
9	3u3	CC3528-B	293D335X9025B2	C38, C44, C45, C46, C47, C48, C49, C50, C70	Polarized capacitor
1	390n	CC2012-0805	VJ1206Y394KXAA	C73	Capacitor
2	4u7	CC2012-0805	GRM31CR71E475KA88	C74, C75	Capacitor
2	47p	CC2012-0805	C0805C470J5GAC	C96, C102	Capacitor
2	22p	CC2012-0805	C0805C220J5GAC	C107, C108	Capacitor
4	SMB-M	C2012-0805	2508055007Y0	L1, L2, L22, L23	Ferrite bead
5	SMB-H	C3528	2743019446	L7, L8, L9, L10, L11	Ferrite bead
6	10uH	C3225-1210	NLC322522T-100K	L16, L17, L18, L19, L20, L21	Inductor
1	DIN120	DIN120RA	65906-5	P1	DIN 120 pin edge connector
12	2K00	C3216-1206	TNPW120620001B	R1, R2, R3, R4, R6, R7, R10, R11, R12, R13, R15, R16	Resistor
4	2K	C3216-1206	CRCW12062K00FKEA	R5, R14, R17, R34	Resistor
2	8K2	C3216-1206	CRCW12068K20FKEA	R8, R29	Resistor
26	10R0	C3216-1206	CRCW120610R0FKEA	R9, R18, R45, R46, R47, R48, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R124, R130, R138, R139, R140, R141	Resistor
10	3K	C3216-1206	CRCW12063K00FKEA	R19, R20, R21, R22, R23, R24, R82, R83, R84, R85	Resistor
2	511K	C3216-1206	CRCW1206511KFKEA	R25, R26	Resistor
2	33R2	C3216-1206	CRCW120633R2FKEA	R27, R28	Resistor
8	5K	C3216-1206	CRCW12064K99FKEA	R30, R31, R32, R33, R35, R36, R37, R38	Resistor
9	47K	C3216-1206	CRCW120647K5FKEA	R39, R40, R41, R42, R43, R44, R49, R50, R51	Resistor
8	620	C3216-1206	CRCW1206620RFKEA	R52, R53, R54, R57, R86, R87, R88, R89	Resistor
2	5K11	C3216-1206	CRCW12065K11FKEA	R55, R67	Resistor
10	750	C3216-1206	CRCW1206750RFKEA	R56, R62, R63, R64, R65, R66, R113, R114, R115, R116	Resistor
8	5K6	C3216-1206	CRCW12065K60FKEA	R58, R59, R60, R61, R109, R110, R111, R112	Resistor
5	22R1	C3216-1206	CRCW120622R1FKEA	R90, R92, R95, R142, R143	Resistor
16	120	C3216-1206	CRCW1206120RFKEA	R91, R93, R94, R96, R97, R98, R99, R100, R101, R102, R103, R104, R105, R106, R107, R108	Resistor
2	0R0	C3216-1206	CRCW12060000Z0EA	R136, R137	Resistor
4	GND	SMTP	TP-107-02	TP1, TP2, TP3, TP4	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	AD825ARZ	U5, U6, U7, U8	FET op-amp
2	AD7671AST	TQFP7X7-G48/N	AD7671AST	U9, U10	Single 16-bit ADC

2	MAX547ACMH	QFP10X10-G44/N	MAX547ACMH	U11, U22	Octal 13-bit DAC
8	OP295GS	SO-G8	OP295GSZ	U12, U13, U20, U21, U23, U24, U25, U26	Dual op-amp
1	F74X139	SO-G16	74ACT139D	U14	Line Decoder 3-to-8
1	LM337EMP	SOT-223	LM337EMP	U15	Voltage regulator
1	MAX6341ESA	SO-G8	MAX6341ESA	U16	Voltage reference
2	F74X245	TSOP-G20	74ACT245DW	U17, U19	Octal bus interface
1	LM317EMP	SOT-223	LM317EMP	U18	Voltage regulator
1	MAX6325ESA	SO-G8	MAX6325ESA	U27	Voltage reference