

Bill of Materials

sig_v1c.PrjPCB

16-Apr-10

Quantity	Comment	Footprint	SupplierPartNumber	Designator	Description
27	100n	CC2012-0805	C0805C104K5RAC	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31	Capacitor
2	560p	RAD-0.1	23PW156	C13, C14	Capacitor
2	470p	CC2012-0805	C0805C471J5GAC	C15, C16	Capacitor
5	470n	CC3216-1206	GRM31MR71H474KA01	C32, C37, C41, C49, C50	Capacitor
7	4u7	CC3216-1206	GRM31CR71E475KA88	C33, C34, C35, C38, C39, C40, C44	Capacitor
6	3u3	CC3528-B	293D335X9025B2	C42, C43, C45, C46, C47, C48	Polarized capacitor
2	0u47	CC3216-1206	GRM31MR71H474KA01	C51, C52	Capacitor
1	TFM-150-01-S-D-RA	MHDR2X50	TFM-150-01-S-D-RA	J1	Connector 2x50 pin
3	SMB-H	C3528	2743019446	L1, L2, L3	Ferrite bead
4	SMB-M	C2012-0805	2508055007Y0	L4, L5, L6, 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
6	2K	C3216-1206	CRCW12062K00FKEA	R6, R9, R10, R24, R27, R28	Resistor
12	5K	C3216-1206	CRCW12064K99FKEA	R11, R12, R13, R14, R15, R29, R30, R31, R32, R33, R35, R36	Resistor
2	10K	C3216-1206	CRCW120610K0FKEA	R16, R34	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
18	47K	C3216-1206	CRCW120647K5FKEA	R61, R62, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79	Resistor
2	TP	SMTP	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	AD825ARZ	U5, U6, U7, U8	FET op-amp
2	LTC1419ACSW	SO-G28	LTC1419ACSW	U9, U10	Single 14-bit ADC
1	DG418DY	SO-G8	DG418DY	U11	Single SPST analog switch
1	MAX547ACMH	QFP10X10-G44/N	MAX547ACMH	U12	Octal 13-bit DAC
2	LT1499CS	SO-G14	LT1499CS	U13, U14	Quad 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