

Bill of Materials

pre_v2.PrjPCB

08-Feb-10

Quantity	Comment	Footprint	SupplierPartNumber	Designator	Description
2	220p	CC2012-0805	C0805C221K5RAC	C1, C3	Capacitor
2	560p	CC2012-0805	C0805C561K5RAC	C2, C4	Capacitor
12	4u7	CC3528-B		C5, C6, C7, C8, C9, C10, C13, C14, C15, C16, C17, C18	Polarized capacitor
4	0u47	CC3528-B	GRM31MR71H474KA01	C11, C12, C19, C20	Polarized capacitor
6	15u	CC3528-B	593D156X9020B2	C21, C22, C23, C24, C25, C26	Polarized capacitor
20	100n	CC2012-0805	C0805C104K5RAC	C27, C28, C29, C30, C31, C35, C36, C37, C43, C44, C46, C47, C48, C50, C51, C52, C54, C55, C56, C57	Capacitor
6	330p	CC2012-0805	C0805C331K5RAC	C32, C33, C34, C38, C39, C40	Capacitor
2	12p	CC2012-0805	C0805C120C5GAC	C41, C49	Capacitor
2	39n	RAD-0.2	BFC2 416 43903	C42, C45	Capacitor
2	470n	CC3225-1210	GRM31MR71H474KA01	C58, C59	Capacitor
2	3p0	CC2012-0805	C0805C309C5GAC	C60, C61	Capacitor
2	33u	CC7343-D	593D336X9025D2	C62, C63	Polarized capacitor
2	M83513/04-F05N	FL37P	M83513/04-F05N	J1, J2	microD37 connector
4	MHDR1X2	MHDR1X2	TMS-102-02-G-S	J3, J4, J5, J6	MicroHeader 1x2 pin 0.050 inch
2	MHDR1X6	MHDR1X6	TMS-106-02-G-S	J7, J8	MicroHeader 1x6 pin 0.050 inch
8	MHDR1X2A	MHDR1X2	None	J11, J12, J13, J14, J15, J16, J17, J18	MicroHeader 1x2 pin 0.050 inch
2	SMB-M	C2012-0805	2508055007Y0	L1, L2	Ferrite bead
2	10uH	C3225-1210	NLC322522T-100K	L3, L4	Inductor
1	DWR79	DWR79	SS910004-20B-35P-4	P1	Dewar 79 pin connector
2	SST404	SO-G8	SST404	Q1, Q2	Dual JFET
2	SST211	SOT-143	SST211	Q3, Q4	DMOS FET switch
6	620	C3216-1206	CRCW1206620RFKEA	R2, R9, R10, R18, R25, R26	Resistor
12	100	C3216-1206	CRCW1206100RFKEA	R11, R12, R13, R14, R16, R27, R28, R29, R30, R32, R33, R34	Resistor
8	10R0	C3216-1206	CRCW120610R0FKEA	R35, R61, R62, R63, R64, R65, R66, R67	Resistor
12	510	C3216-1206	CRCW1206511RFKEA	R37, R38, R39, R40, R41, R42, R45, R46, R47, R48, R49, R50	Resistor
4	20K	C3216-1206	CRCW120620K0FKEA	R51, R52, R53, R54	Resistor
8	1000	C3216-1206	CRCW12061K00FKEA	R55, R56, R57, R58, R72, R73, R83, R87	Resistor
2	332	C3216-1206	CRCW1206332RFKEA	R59, R60	Resistor
2	5K6	C3216-1206	CRCW12065K60FKEA	R68, R69	Resistor
2	1M	C3216-1206	CRCW12061M00FKEA	R70, R71	Resistor
4	1K5	C3216-1206	CRCW12061K50FKEA	R74, R75, R76, R77	Resistor
2	33R2	C3216-1206	CRCW120633R2FKEA	R78, R88	Resistor
2	274	C3216-1206	CRCW1206274RFKEA	R79, R80	Resistor
4	300	C3216-1206	CRCW1206300RFKEA	R81, R82, R85, R86	Resistor
2	4K99	C3216-1206	CRCW12064K99FKEA	R84, R89	Resistor
6	47K	SIP-6	4606-X-101-473	RN1, RN2, RN3, RN4, RN5, RN6	Resistor network
2	SHORT	SHORT	None	S1, S2	Short-circuit
2	TP	TP50	TP-107-02	TP1, TP2	Test point
2	AD829AR	SO-G8	AD829ARZ	U1, U2	Video op-amp
2	LT1460HCS3-2.5	SOT-23	LT1460HCS3-2.5	U3, U4	Voltage reference
2	INA128U	SO-G8	INA128U	U5, U6	Instrumentation amp
1	OP295GS	SO-G8	OP295GSZ	U7	Dual op-amp