

Bill of Materials

pre_v3.1.PrjPCB

06-Jul-10

Quantity	Comment	Footprint	SupplierPartNumber	Designator	Description
2	220p	CC2012-0805	C0805C221K5RAC	C1, C4	Capacitor
2	560p	CC2012-0805	C0805C561K5RAC	C2, C3	Capacitor
20	4u7	CC2012-0805	GRM21BR61E475KA12	C5, C6, C7, C9, C10, C11, C12, C13, C14, C15, C17, C19, C20, C53, C65, C66, C68, C69, C70, C71	Capacitor
4	2u2	CC2012-0805	GRM31CR71H225KA88	C8, C16, C18, C64	Capacitor
6	15u	CC3528-B	593D156X9020B2	C21, C22, C23, C24, C25, C26	Polarized capacitor
22	100n	CC2012-0805	C0805C104K5RAC	C27, C28, C29, C30, C31, C35, C36, C37, C38, C43, C44, C46, C47, C48, C50, C51, C52, C54, C55, C56, C57, C67	Capacitor
6	330p	CC2012-0805	C0805C331K5RAC	C32, C33, C34, C39, C40, C72	Capacitor
2	12p	CC2012-0805	C0805C120C5GAC	C41, C49	Capacitor
2	39n	RAD-0.2	BFC2 416 43903	C42, C45	Capacitor
2	470n	CC2012-0805	GRM21BR71H474KA88	C58, C59	Capacitor
2	3p0	CC2012-0805	C0805C309C5GAC	C60, C61	Capacitor
2	33u	CC7343-D	593D336X9025D2	C62, C63	Polarized capacitor
2	M83513/04-F05N	MD37S	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
20	MHDR1X2A	MHDR1X2	None	J9, J10, J11, J12, J13, J14, J15, J16, J17, J18, J19, J20, J21, J22, J23, J24, J25, J26, J27, J28	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
8	200	C3216-1206	CRCW1206200RFKEA	R1, R2, R7, R9, R10, R18, R25, R26	Resistor
12	1K	C3216-1206	CRCW12061K00FKEA	R3, R4, R5, R6, R17, R19, R57, R58, R72, R73, R83, R87	Resistor
16	220	C3216-1206	CRCW1206220RFKEA	R8, R15, R37, R38, R39, R40, R41, R42, R45, R46, R47, R48, R49, R50, R55, R56	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
4	20K	C3216-1206	CRCW120620K0FKEA	R51, R52, R53, R54	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	620	C3216-1206	CRCW1206620RFKEA	R79, R80	Resistor
4	300	C3216-1206	CRCW1206300RFKEA	R81, R82, R85, R86	Resistor
2	4K99	C3216-1206	CRCW12064K99FKEA	R84, R89	Resistor
8	47K	SIP-6	4606-X-101-473	RN1, RN2, RN3, RN4, RN5, RN6, RN7, RN8	Resistor network
6	SHORT	SHORT	None	S1, S2, S3, S4, S5, S6	Short-circuit
2	GND	SMTP	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