

Bill of Materials

pre_v4.PrjPCB

04-Mar-10

Quantity	Comment	Footprint	SupplierPartNumber	Designator	Description
20	100n	CC2012-0805	C0805C104K5RAC	C1, C2, C3, C9, C10, C11, C31, C36, C39, C44, C45, C46, C47, C48, C49, C50, C51, C52, C55, C57	Capacitor
6	330p	CC2012-0805	C0805C331K5RAC	C4, C5, C6, C12, C14, C16	Capacitor
2	560p	CC2012-0805	C0805C561K5RAC	C7, C13	Capacitor
2	220p	CC2012-0805	C0805C221K5RAC	C8, C15	Capacitor
4	4u7	CC3216-1206	GRM31MR71H474KA01	C17, C18, C26, C28	Capacitor
8	2u2	CC3216-1206	GRM31CR71H225KA88	C19, C20, C21, C22, C23, C24, C25, C27	Capacitor
2	470n	CC2012-0805	GRM21BR71H474KA88	C29, C37	Capacitor
6	15u	CC3528-B	593D156X9020B2	C30, C35, C38, C43, C54, C56	Polarized capacitor
2	39n	RAD-0.2	BFC2 416 43903	C32, C40	Capacitor
2	12p	CC2012-0805	C0805C120C5GAC	C33, C41	Capacitor
2	3p0	CC2012-0805	C0805C309C5GAC	C34, C42	Capacitor
2	33u	CC7343-D	593D336X9025D2	C53, C58	Polarized capacitor
1	M83513/04-F05N	MD37S	M83513/04-F05N	J1	microD37 connector
16	MHDR1X2A	MHDR1X2	None	J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15, J16, J17	MicroHeader 1x2 pin 0.050 inch
2	MHDR1X6	MHDR1X6	TMS-106-02-G-S	J18, J19	MicroHeader 1x6 pin 0.050 inch
2	SMB-M	C2012-0805	2508055007Y0	L1, L3	Ferrite bead
2	10uH	C3225-1210	NLC322522T-100K	L2, 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	200	C3216-1206	CRCW1206200RFKEA	R1, R2, R3, R4, R5, R6	Resistor
2	10K	C3216-1206	CRCW120610K0FKEA	R7, R8	Resistor
12	100	C3216-1206	CRCW1206100RFKEA	R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R35, R45	Resistor
10	220	C3216-1206	CRCW12061K00FKEA, CRCW1206220RFKEA	R19, R20, R21, R22, R23, R25, R26, R27, R28, R29	Resistor
6	1K	C3216-1206	CRCW12061K00FKEA	R24, R30, R54, R55, R60, R61	Resistor
8	10R0	C3216-1206	CRCW120610R0FKEA	R31, R32, R40, R41, R42, R50, R63, R64	Resistor
2	5K6	C3216-1206	CRCW12065K60FKEA	R33, R43	Resistor
2	332	C3216-1206	CRCW1206330RFKEA	R34, R44	Resistor
2	1M	C3216-1206	CRCW12061M00FKEA	R36, R46	Resistor
4	1K5	C3216-1206	CRCW12061K50FKEA	R37, R38, R47, R48	Resistor
2	620	C3216-1206	CRCW1206620RFKEA	R39, R49	Resistor
2	4K99	C3216-1206	CRCW12064K99FKEA	R51, R57	Resistor
4	300	C3216-1206	CRCW1206300RFKEA	R52, R53, R58, R59	Resistor
2	33R2	C3216-1206	CRCW120633R2FKEA	R56, R62	Resistor
6	47K	SIP-6	4606-X-101-473	RN1, RN2, RN3, RN4, RN5, RN6	Resistor network
4	SHORT	SHORT	None	S1, S2, S3, S4	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