

Designed by: JTA Design		Ver: 01	Code:	Parts list: Avalanche pulse generator	Original by: JTA 5.5.2010 Updated by:
ITEM	REFERENCE	QTY	CODE	DESCRIPTION	MANUFACTURER / SUPPLIER
2	C1	1	FARNELL: 1650758	CER CAPACITOR 2p2 ±0.1pF 250V NP0/C0G 0603	
3	C2-4	3	FARNELL: 1327735	CER CAPACITOR 470n 10% 100V X7R 1210	
1	C5	1	FARNELL: 1288264	CER CAPACITOR 10µ 10V X7R 1206	
8	L1	1	ELFA: 58-103-95	POWER INDUCTOR 150µH IRMS 0.69A ISAT 0.81A	WÜRTH: 744777215 COOPER: DR74-151-R
9	N1	1	FARNELL: 1273663	LT1073 SWITCHING REGULATOR SO8	LINEAR: LT1073CS8#PbF
12	R1	1	ELFA: 60-450-25 FARNELL: 9238603	RESISTOR 10k 1% 100PPM 50V 63mW 0603	
10	R2 R4	2	ELFA: 60-445-49 FARNELL: 9238360	RESISTOR 100R 1% 100PPM 50V 63mW 0603	
13	R3	1	FARNELL: 9240870	RESISTOR 1M 1% 100PPM 200V 250mW 1206	
14	R5	1	ELFA: 60-446-22 FARNELL: 9238409	RESISTOR 220R 1% 100PPM 50V 63mW 0603	
11	R6	1	FARNELL: 1469973	RESISTOR 10M 1% 100PPM 200V 250mW 1206	
15	R7	1	FARNELL: 9330887	RESISTOR 24k 1% 100PPM 50V 63mW 0603	
7	V1	1	FARNELL: 9206850	2N2369 NPN 15V 200mA TO-92	
6	V2-4	3	FARNELL: 9557458	MURS120 FAST DIODE 200V 1A 35ns DO-214AA	ONSEMI: MURS120T3G
5	X1	1	ELFA: 46-254-06 FARNELL: 1338762	BNC CONNECTOR 50 OHM PCB ANGLE	
4	X2	1	FARNELL: 3041359	CONNECTOR PHOENIX 2 PIN MPT 0,5/2-2,54	PHOENIX: 1725656
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