







V2.1 Jim Williams Pulse Generator

Pulser.PrjPCB Pulser.PrjPC	Quantity 3
None	3
Creation Date: 8/02/2017 5:18:31 PM	3
Print Date: 08-Feb-17 5:18:38 PM Footprint Comment Farnell PN Digikey Designator Description CCNP3216-1206 470nF/100V 2497173 C1, C2, C3 Capacitor CCNP2012-0805 10uF/10V C4 Capacitor SMT 0805 CCNP2012-0805 1.8pF/100V 2672812 C5, C6, C7 Capacitor BNC-10-BNC BNC-10-BNC 4195255 Con1 Fast / Ultrafast Diode, 200 V, 1 A MOLEX - 47346-0001 USB MICRO B_ CONNECTOR 1568026 J1 USB Micro-B Connector BNC_RA CON - Molex - Resistor BNC-MOLEX O731000105_TERMINATED 1418237 WM5524-ND J2 BNC Connector INDUCTOR_SMT 150uH 1864148 L1 Inductor - SMT 3mm CL2012-0805 2T L2 Resistor T0-18-flush 2N2369 9206850 Q1 Hgh Speed Switching Transistor CR2012-0805 1M R2 Resistor CR2012-0805 10M R3 Resistor CR2012-0805 10K R4	3
Footprint Comment Farnell PN Digikey Designator Description	3
CCNP3216-1206	3
CCNP2012-0805 10uF/10V C4 Capacitor SMT 0805 CCNP2012-0805 1.8pF/100V 2672812 C5, C6, C7 Capacitor BNC-to-BNC BNC-to-BNC 4195255 Con1 Con1 SMB_Diode MURS 120-13-F 1858618 D1, D2, D3 Fast / Ultrafast Diode, 200 V, 1 A MOLEX - 47346-0001 USB_MICRO_B_CONNECTOR 1568026 J1 USB Micro-B Connector BNC_RA CON - Molex - Resistor BNC-MOLEX-O731000105_TERMINATED 1418237 WM5524-ND J2 BNC Connector INDUCTOR_SMT 150uH 1864148 L1 Inductor - SMT 3mm CL2012-0805 2T L2 Resistor TO-18-flush 2N2369 9206850 Q1 High Speed Switching Transistor CR2012-0805 100R R1 Resistor CR2012-0805 1M R2 Resistor CR2012-0805 10M R3 Resistor CR2012-0805 10K R4 Resistor CR2012-0805 10K R4 Resistor CR3	
CCNP2012-0805 10uF/10V C4 Capacitor SMT 0805 CCNP2012-0805 1.8pF/100V 2672812 C5, C6, C7 Capacitor BNC-to-BNC BNC-to-BNC 4195255 Con1 Con1 SMB_Diode MURS 120-13-F 1858618 D1, D2, D3 Fast / Ultrafast Diode, 200 V, 1 A MOLEX - 47346-0001 USB_MICRO_B_CONNECTOR 1568026 J1 USB Micro-B Connector BNC_RA CON - Molex - Resistor BNC-MOLEX-D731000105_TERMINATED WM5524-ND J2 BNC Connector INDUCTOR_SMT 150uH 1864148 L1 Inductor - SMT 3mm CL2012-0805 2T L2 Resistor TO-18-flush 2N2369 9206850 Q1 High Speed Switching Transistor CR2012-0805 100R R1 Resistor CR2012-0805 1M R2 Resistor CR2012-0805 10M R3 Resistor CR2012-0805 10M R4 Resistor CR2012-0805 10K R4 Resistor CR3216-1206 <td< td=""><td></td></td<>	
CCNP2012-0805 1.8pF/100V 2672812 C5, C6, C7 Capacitor	1
SNC-to-BNC BNC-to-BNC 4195255 Con1 SMB_Diode MURS120-13-F 1858618 D1, D2, D3 Fast / Ultrafast Diode, 200 V, 1 A MOLEX - 47346-0001 USB_MICRO_B_CONNECTOR 1568026 J1 USB_MICRO_B_CONNECTOR BNC_RA CON - Molex - Resistor BNC-MOLEX-	3
MOLEX - 47346-0001 USB_MICRO_B_CONNECTOR 1568026 J1 USB_MICRO_B Connector BNC_RA CON - Molex - Resistor BNC-MOLEX- 0731000105_TERMINATED 1418237 WM5524-ND J2 BNC Connector NDUCTOR_SMT 150uH 1864148 L1 Inductor - SMT 3mm CL2012-0805 2T L2 Resistor TO-18-flush 2N2369 9206850 Q1 High Speed Switching Transistor CR2012-0805 100R R1 Resistor CR2012-0805 1M R2 Resistor CR2012-0805 10M R3 Resistor CR2012-0805 10K R4 Resistor CR2012-0805 50R R5 Resistor	1
BNC_RA CON - Molex - Resistor	3
BNC_RA CON - Molex - Resistor	1
INDUCTOR_SMT 150uH 1864148 L1 Inductor - SMT 3mm CL2012-0805 2T L2 Resistor TO-18-flush 2N2369 9206850 Q1 High Speed Switching Transistor CR2012-0805 100R R1 Resistor CR2012-0805 1M R2 Resistor CR2012-0805 10M R3 Resistor CR2012-0805 10K R4 Resistor CR2012-0805 50R R5 Resistor	1
TO-18-flush 2N2369 9206850 Q1 High Speed Switching Transistor CR2012-0805 100R R1 Resistor CR2012-0805 1M R2 Resistor CR2012-0805 10M R3 Resistor CR2012-0805 10K R4 Resistor CR3216-1206 50R R5 Resistor	1
CR2012-0805 100R R1 Resistor CR2012-0805 1M R2 Resistor CR2012-0805 10M R3 Resistor CR2012-0805 10K R4 Resistor CR2012-0805 50R R5 Resistor	1
CR2012-0805 100R R1 Resistor CR2012-0805 1M R2 Resistor CR2012-0805 10M R3 Resistor CR2012-0805 10K R4 Resistor CR3216-1206 50R R5 Resistor	1
CR2012-0805 10M R3 Resistor CR2012-0805 10K R4 Resistor CR3216-1206 50R R5 Resistor	1
CR2012-0805 10K R4 Resistor CR3216-1206 50R R5 Resistor	1
CR3216-1206	1
	1
	1
CR2012-0805 OR Resistor	1
CR2012-0805 24K R7 Resistor	1
SO-8_L LT1073CS8 1273663 U1 Micropower DC/DC Converter (A	
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Approved Notes	