

My TX4 Wireless Sensor Transmitter

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11/10/2021

RefDes	Value	Description	Lead Spacing
C1	0.1 uF	Capacitor, Monolythic Ceramic	0.1"
C2	1000 pF	Capacitor, Monolythic Ceramic	0.1"
C3	0.1 uF	Capacitor, Monolythic Ceramic	0.1"
C4	0.1 uF	Capacitor, Monolythic Ceramic	0.1"
C5	1000 pF	Capacitor, Monolythic Ceramic	0.1"
C6	0.1 uF	Capacitor, Monolythic Ceramic	0.1"
J2		Male Header 1x4, 0.1" spacing	
J3		Male Header 1x4, 0.1" spacing	
J4		Male Header 1x2, 0.1" spacing	
J5		Male Header 1x6, 0.1" spacing	
R1	10K	Resistor, carbon film, 1/4W 5%	
R2	4.7K	Resistor, carbon film, 1/4W 5%	
SW1	SPST	The SPDT switch pins are on 0.1" centers.	
SW2	SPST	They are really inexpensive on eBay where they are called "SS12D00G3 2 Position SPDT 1P2T 3 Pin PCB Panel Slide Switch" .	
U1		MSP430G2402IN20	PDIP
U2		TC1015-3.3 voltage regulator	SOIC
U3		RFM69HW	(Make sure you get the HW version)
		(2) 1 x 8 male header 2.0mm spacing	
		(2) 1 x 8 female header 2.0mm spacing	
Miscellaneous		IC Socket with machine tooled pins (1) 20 pin	
		For the Board	
		(4) M3x12 Nylon Standoffs F-F	eBay
		(4) M3 x 6 Nylon Screws	eBay
		Mini Jumper 2.54mm	
		(1) 18650 Lithium-Ion Battery	
		(1) 18650 Battery Holder	

Breadboard Jumper Wires 10cm Dupont Wire

Texas Instruments Launchpad MSP-EXP430G2ET