

**DESA International**  
**6016-TX Wireless Entry Transmitter**  
**Bill of Materials**

Qty.	Comp. Name	Ref Des	Pattern Name	Value	Description
1	2N3906_SMD	Q1	SOT-23	2N3906	PNP General Purpose Amplifier
1	C0603	C6	R0603	47pF	Capacitor
1	C0603	C7	R0603	1nF	Capacitor
1	C0603	C8	R0603	5.6pF	Capacitor
1	C0603	C9	R0603	12pF	Capacitor
1	C0603	C10	R0603	1pF	Capacitor
1	C0603	C11	R0603	2pF	Capacitor
1	C0805	C1	CAP0805	100nF	Capacitor
1	C0805	C2	CAP0805	100nF	Capacitor
1	C0805	C3	CAP0805	100nF	Capacitor
1	C0805	C4	CAP0805	100nF	Capacitor
1	C0805ELECT	C5	CAP0805	1nF	Radial Polarized Capacitor
1	HT-12EBOND	U2	HT-12EBOND	HT-12E	Holtec Encoder
1	LED	LED1	LED100	TX_LED	Light Emitting Diode
1	MMBTH10L	Q2	SOT-23	MMBTH10L	NPN Bipolar Transistor
1	PCIND500	L3	PCIND500	WIRE LOOP	Antenna
1	L0602	L1	L0602	1uH	Inductor
1	L0602	L2	L0602	56nH	Inductor
1	R0603	R2	R0603	1K5	Resistor
1	R0603	R9	R0603	1M	Resistor
1	R0603	R3	R0603	5.1Meg	Resistor
1	R0603	R4	R0603	5.1Meg	Resistor
1	R0603	R1	R0603	10K	Resistor
1	R0603	R10	R0603	27K	Resistor
1	R0603	R11	R0603	22	Resistor
1	R0603	R12	R0603	47	Resistor
1	R0603	R5	R0603	1000	Resistor
1	SAW	X1	SAW	315Mhz	SAW Resonator
1	SMDDIODE2	D1	MLL34	1N4148	SMD Diode
1	SMDDIODE2	D2	MLL34	1N4148	SMD Diode
1	SMDDIPSWITCH6	JP1	SMDDIPSWITCH4	4-POSITION DIP	Dip switch
1	SN74LV14D	U1	SO-G14/G3.3	74LVX14MTCX	Hex Schmitt-Trigger Inverter
1	SWITCHSPDT	S1		SPDT Reed Switch	Switch, Single Pole, Double Throw
1	TXBAT	B1	TXBAT	CR2032	Lithium Battery 3V