

Sheet1

In Loving Memory of Being Touched BOM

Qty	Type	Part No	Value
	1 Transistor	IRF640	
	1 Capacitor		0.1uf
	1 Resistor		22ohms / 2 watts
	1 Resistor		470 ohms / ¼ watt
	1 Diode	1N4007	
	1 LED		
	1 9V Battery Clip		
	1 3.5 mm jack		
	1 Potentiometer		100k
	1 Toggle Switch		
	1 Arduino w/32u4 chip (Leonardo)		
	1 Transformer	Dukane 710-3092-09 or similar	

Transformer Note: the transformer used is meant to be a line matching speaker transformer for commercial paging systems. For correct impedance, the primary should be 8ohms and the secondary should be rated at 25V and ¼ watt. Some of these types of transformers only have 70v taps. These transformers should be avoided.

3.