

Bill Of Materials for ANALOG_TX_sch

4 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
4	R1-R4	1K	SMD1206 5%

Sub-totals:

4 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
1	U1	MODULE TX433mHz	RF33 Transceiver
1	U2	7805	
1	U3	MODULE RX315mHz	RF33 Receiver
1	U4	Arduino nano terminal adapter	

Sub-totals:

4 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
4	Q1-Q4	NTF3055L108	Power MOSFET 3.0 A, 60 V, Logic Level, N-Channel

Sub-totals:

4 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
4	D1,D4-D6	LED-YELLOW	LED5MM 2mA

Sub-totals:

21 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
1	ARD1	ARDUINO NANO	
1	C1	10u	Electrolytic capacitor 25V
1	C2	47u	Electrolytic capacitor 25V
1	C3	1u	SMD1206
4	J1-J4	TBLOCK-M3	
5	J5-J9	TBLOCK-M2	
4	PCB1-PCB4	LM358 AMPLIFIER	
2	SOIL1,SOIL4	Capacitive soil moisture senso	
2	SOIL2-SOIL3	Capacitive soil moisture sensor	

Sub-totals:

Totals: