Title   MM7D Air quality measuring device

Company   Pozsar Zsolt - http://www.szerafingomba.hu

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Comment   Draw no.: 59/10/2

Ref.	Value	Type	Name
C1	100 nF		ceramic capacitor
C2	1000 µF 10V		electrolyt capacitor
C2	2.2 µF 10V		electrolyt capacitor
D1		1N4001	diode
D2		1N4001	diode
D3	Ø 3mm white		LED
D4	Ø 3mm blue		LED
D5	Ø 3mm green		LED
D6	Ø 3mm yellow		LED
D7	Ø 3mm red		LED
F1	500 mA F		fuse
K1		RSY-5	relay
L1			ferrite ring
P1	Ø 2.1/5.5 mm	SN10M	power connector
P2		DB9F	connector
Q1		2N4401	transistor
R1	680 Ω 0.1 W		resistor
R2	470 Ω 0.1 W		resistor
R3	470 Ω 0.1 W		resistor
R4	1 kΩ 0.1 W		resistor
R5	470 Ω 0.1 W		resistor
R6	470 Ω 0.1 W		resistor
R7	39 kΩ 0.1 W		resistor
R8	9.1 kΩ 0.1 W		resistor
R9	4.7 kΩ 0.1 W		resistor
Sp1			piezo speaker
U1		Adafruit ESP8266 Huzzah Breakout	microcontroller
U2		MQ-135M	gas quality sensor modul
U3		DHT11	temperature and humidity sensor