

Source /home/pozsarzs/Git/mm7d/cad_files/mm7d/mm7d.sch

Kicad Rev Eeschema 4.0.5+dfsg1-4

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Title MM7D Air quality measuring device

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

Revision 200620

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Comment Draw no.: 59/12/2

Ref.	Value	Type	Name
C1	100 nF	1N4001	ceramic capacitor
C2	1000 µF 10V		electrolyt capacitor
C3	2.2 µF 10V		electrolyt capacitor
D1			diode
D2	Ø 3mm white		LED
D3	Ø 3mm blue		LED
D4	Ø 3mm green		LED
D5	Ø 3mm yellow		LED
D6	Ø 3mm red		LED
L1			ferrite ring
P1	Ø 2.1/5.5 mm	SN10M	power connector
P2		DB9F	connector
R1	470 Ω 0.1 W		resistor
R2	470 Ω 0.1 W		resistor
R3	470 Ω 0.1 W		resistor
R4	470 Ω 0.1 W		resistor
R5	470 Ω 0.1 W		resistor
R6	4.7 kΩ 0.1 W		resistor
R7	39 kΩ 0.1 W		resistor
R8	9.1 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