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

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Title MM7D Air quality measuring device

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

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Comment Draw no.: 59/12/2

C3 2.2 D1 D2 Ø 3I D3 Ø 3I D4 Ø 3I D5 Ø 3I D6 Ø 3I L1 P1 Ø 2 P2 R1 470	nF 0 μF 10V μF 10V mm white mm blue mm green mm yellow mm red .1/5.5 mm	1N4001 SN10M DB9F	ceramic capacitor electrolyt capacitor electrolyt capacitor diode LED LED LED LED LED LED LED power connector
C3 2.2 D1 D2 Ø 3I D3 Ø 3I D4 Ø 3I D5 Ø 3I D6 Ø 3I L1 P1 Ø 2 P2 R1 470	mm white mm blue mm green mm yellow mm red .1/5.5 mm	SN10M	electrolyt capacitor diode LED
D1 D2 Ø 31 D3 Ø 31 D4 Ø 31 D5 Ø 31 D6 Ø 31 L1 P1 Ø 2 P2 R1 470	mm white mm blue mm green mm yellow mm red .1/5.5 mm	SN10M	diode LED LED LED LED LED LED ferrite ring
D2 Ø 31 D3 Ø 31 D4 Ø 31 D5 Ø 31 D6 Ø 31 L1 P1 Ø 2 P2 R1 470	mm blue mm green mm yellow mm red .1/5.5 mm	SN10M	LED LED LED LED LED ferrite ring
D3 Ø 3i D4 Ø 3i D5 Ø 3i D6 Ø 3i L1 P1 Ø 2 P2 R1 470	mm blue mm green mm yellow mm red .1/5.5 mm		LED LED LED LED ferrite ring
D4 Ø 3i D5 Ø 3i D6 Ø 3i L1 P1 Ø 2 P2 R1 470	mm green mm yellow mm red .1/5.5 mm		LED LED LED ferrite ring
D5 Ø 3I D6 Ø 3I L1 P1 Ø 2 P2 R1 470	mm yellow mm red .1/5.5 mm		LED LED ferrite ring
D6 Ø 3I L1 P1 Ø 2 P2 R1 470	mm red .1/5.5 mm		LED ferrite ring
L1 P1 Ø 2 P2 R1 470	.1/5.5 mm		ferrite ring
P1 Ø 2 P2 R1 470			-
P2 R1 470			power connector
R1 470	Ω 0.1 W	DB9F	•
	Ω 0.1 W		connector
D2 470			resistor
KZ 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