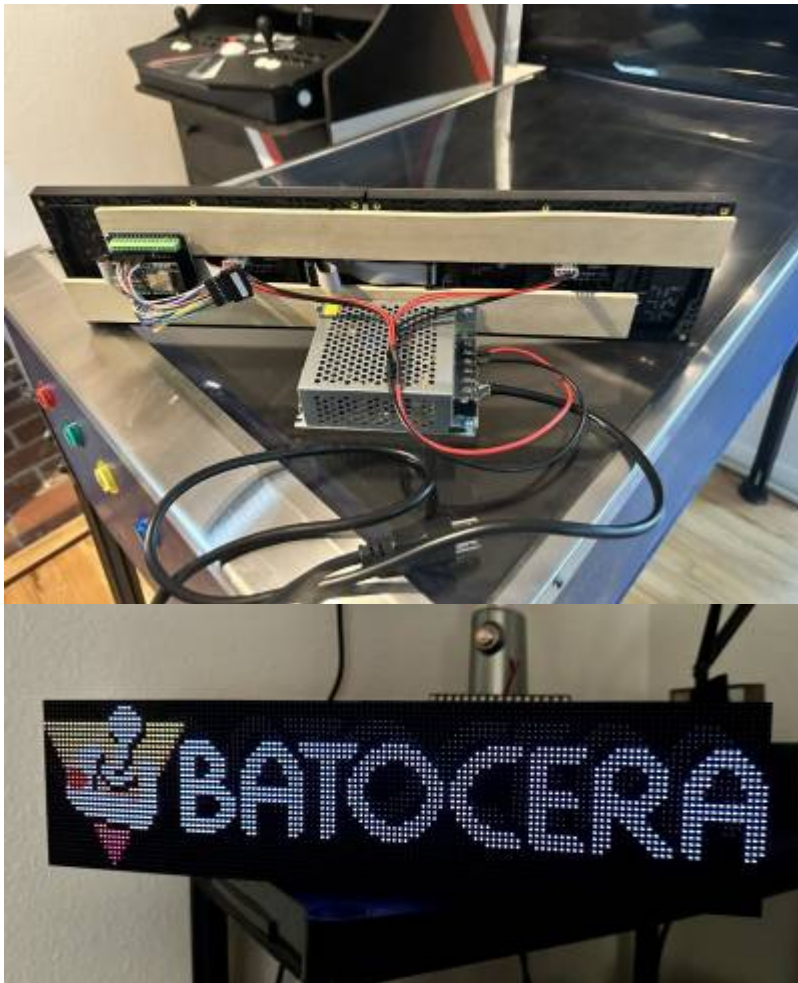


In this article, we will create a custom DMD.

The result





Step 1 : buy the hardware

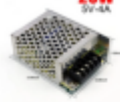
The list :

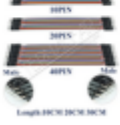
- 2 dmd pannels (don't forget to choose 2 of them) [DMD Panels](#)
- 1 esp32 and its shield [ESP32+shield](#)
- 16 male/male 10cm jumpers [Jumpers](#)
- 1 power supply [Power supply](#)
- 1 plug [Plug](#)

You probably already have a plug at home. Total price including shipping : 39€ (on 2024 april 8).

 P4 LED screen panel module 256*128mm 64*32 pixels 1/16 Scan Indoor 3in1 SMD RGB Fu...
7,79 € - 2 +
Shipping: 11,91€
Estimated delivery between Apr 25 - 29
Free returns

Choice 3C Computer Peripheral Store  ESP32 Development Board Expansion Board Compatible with ESP32 WIFI Bluetooth modul...
ESP32-Board,CHINA
6,37 € - 1 +
Shipping: Free shipping
Estimated delivery on Apr 18
3-day delivery

Choice Ci-Boom Store  20W AC 110V 220V To DC 5V 20W 25W 50W Switching Power Supply Module Transformer AC11...
20W 5V 4A
4,86 € - 1 +
Shipping: Free shipping
Estimated delivery on Apr 18
3-day delivery

Choice ETERNALFAR Store  Dupont Jumper Wire Line 10CM 20CM 30CM Male to Male + Female to Male + Female to F...
Male VS Male,40pin,10cm
0,99 € - 1 +
Shipping: Free shipping
Estimated delivery on Apr 18
6-day delivery

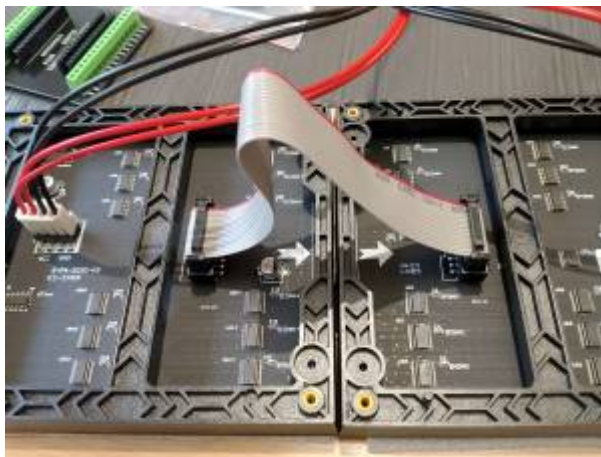
Step 2 : plug the hardware

Step 2.1 - Cut and prepare the power wire



Step 2.2 - Plug matrices together with data and power wire

The data and power wire for the matrices are delivered with the matrices. Just plug them. Note that white arrows must go from left to right.





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