



32x32 Matrix:

R1 -> 2
 G1 -> 3
 B1 -> 4
 R2 -> 5
 G2 -> 6
 B2 -> 7
 CLK -> 8
 OE -> 9
 LAT -> 10
 A -> A0
 B -> A1
 C -> A2
 D -> A3

Phototransistor:

GND -> Emitter
 A5 -> Collector

Source:

<https://learn.adafruit.com/32x16-32x32-rgb-led-matrix>