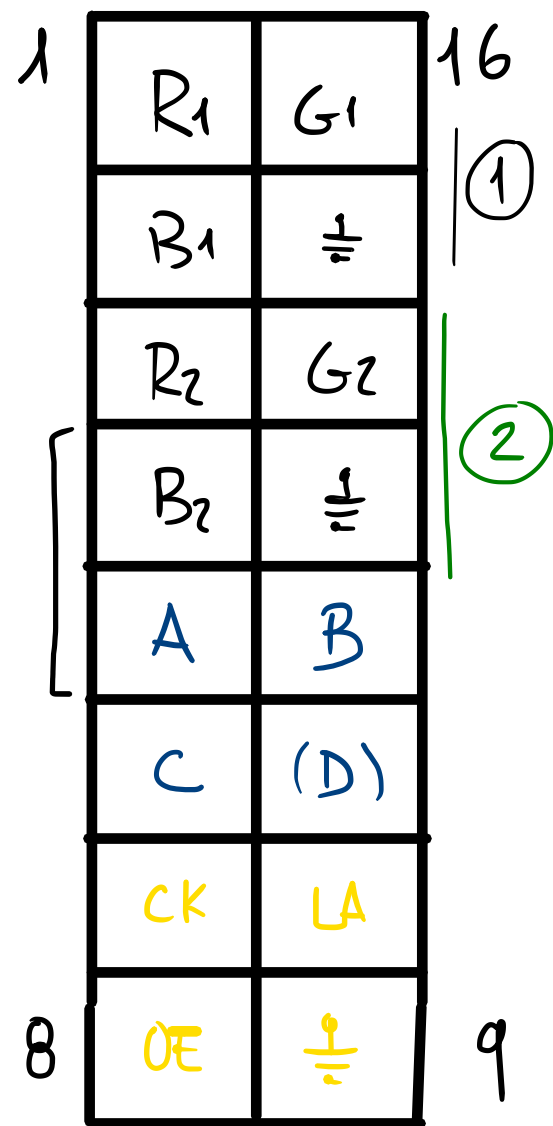
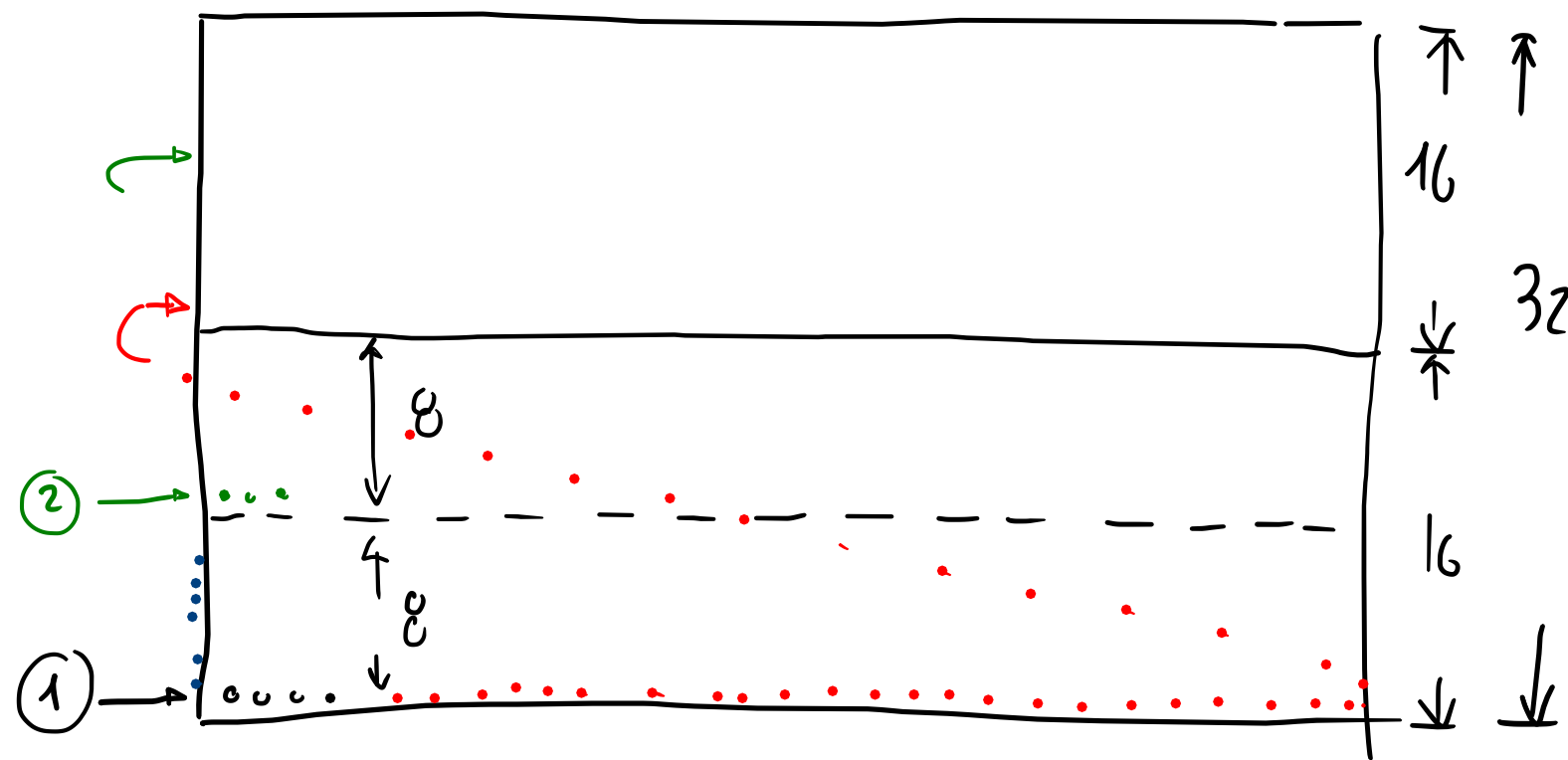


# HUB75 RGB LED MATRIX



ESP32 DMA

$$64 \times 32$$


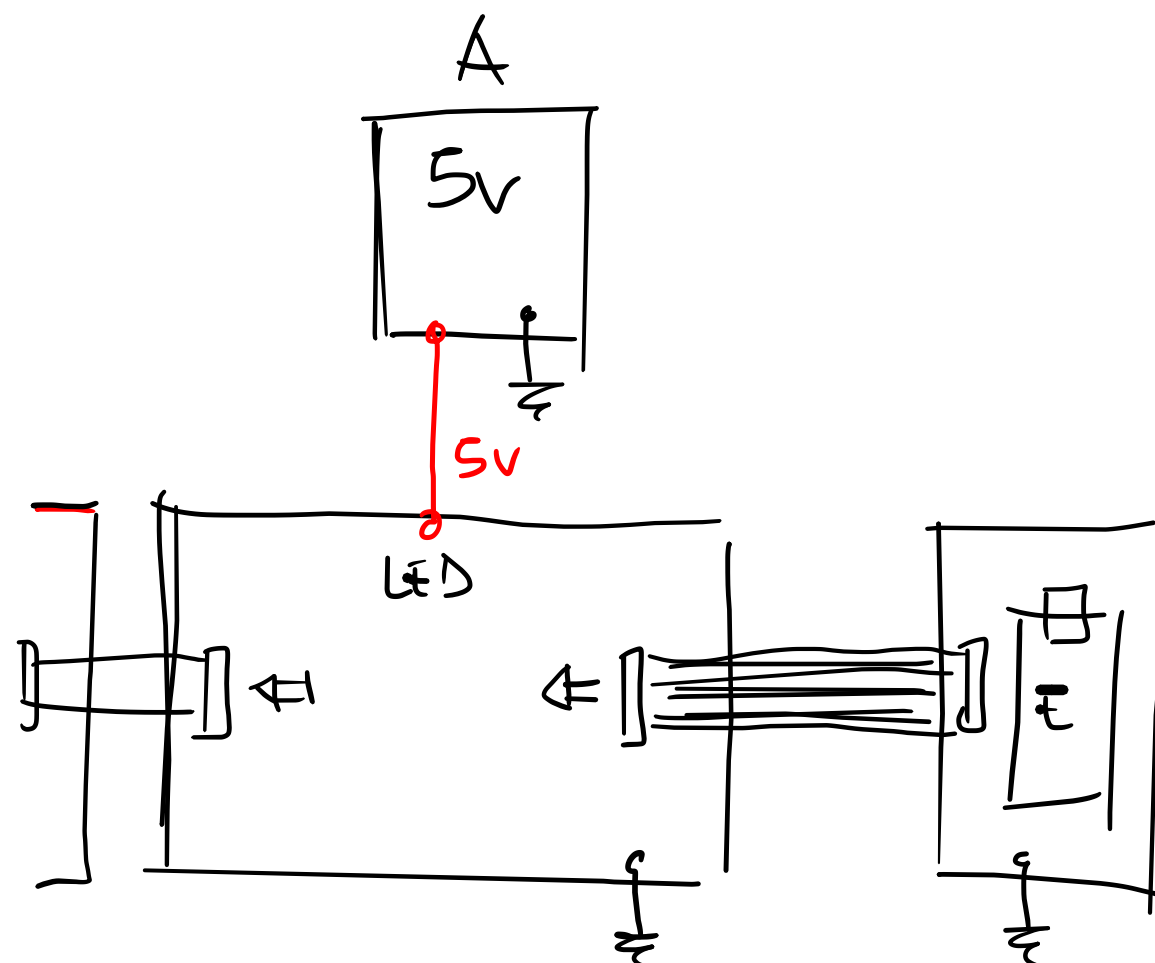
CK 

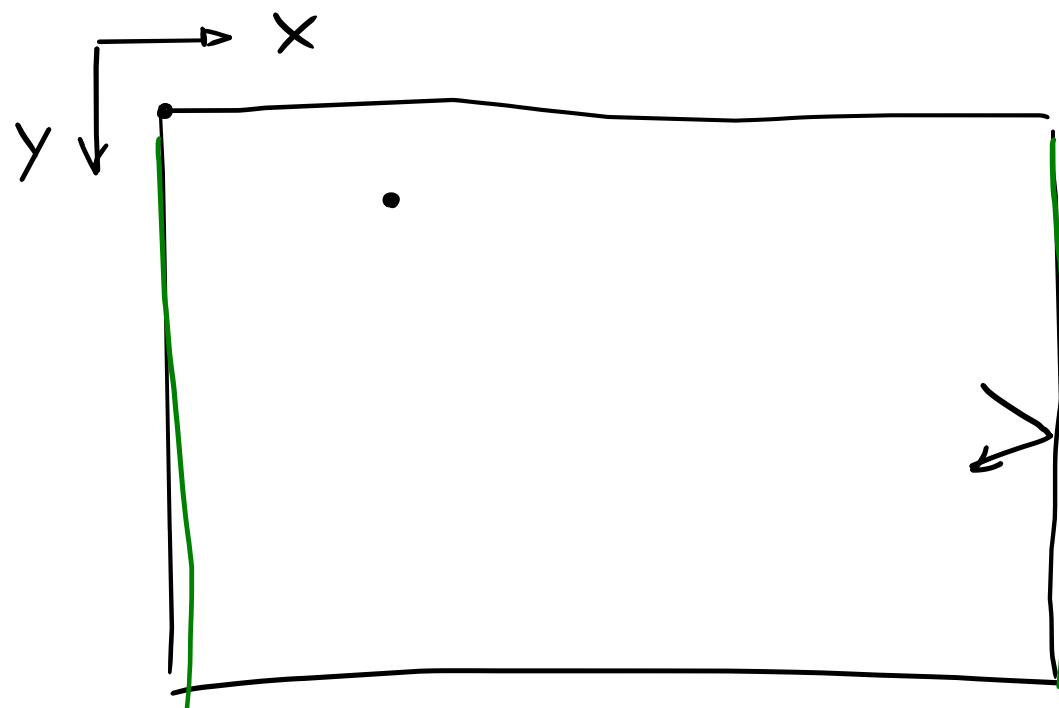
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A	B	C
0	0	0
0	0	1
0	1	0
0	1	1
1	0	0
1	0	1
1	1	0
1	1	1

HUB 75		
25	R <sub>1</sub>	G <sub>1</sub> 26
27	B <sub>1</sub>	
1h	R <sub>2</sub>	G <sub>2</sub> 12
13	B <sub>2</sub>	
2	A	B 32
17	C	(D) (5)
16	CK	LA 4
15	OE	$\frac{1}{2}$ $\frac{1}{2}$





$$\left. \begin{array}{l} x > W \\ x < 0 \end{array} \right\} x_d = -x_d$$

~~$x_p++$~~   
 ~~$y_p++$~~

$$x_d = 1$$

$$y_d = 1$$

$$x + x_d$$

$$y + y_d$$