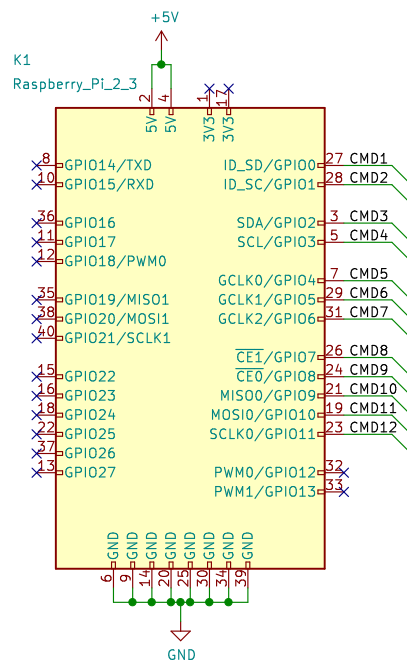
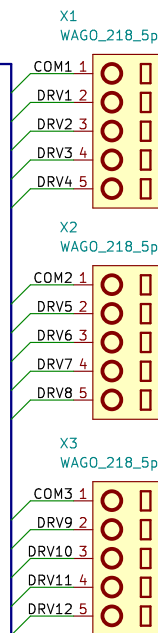
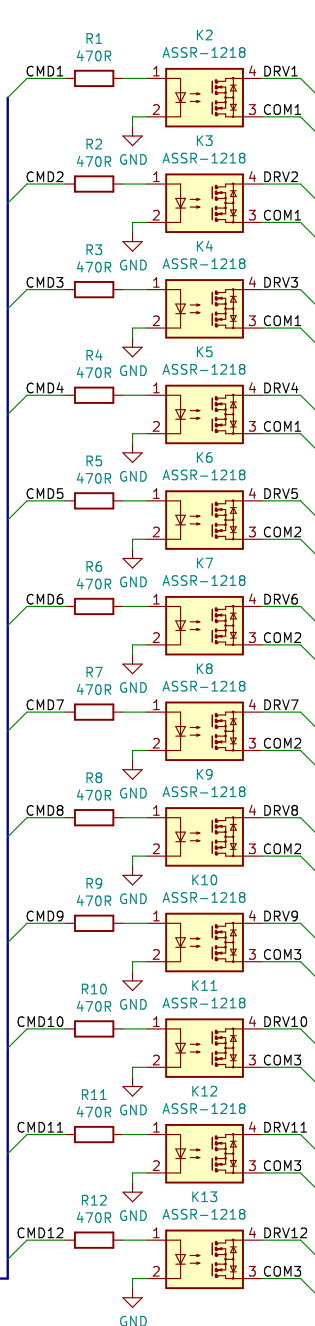
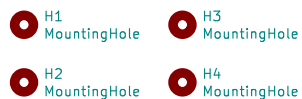


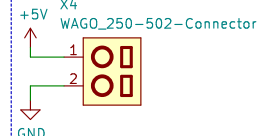
3V3 power	→	5V power
GPIO 2 (SDA)	→	5V power
GPIO 3 (SCL)	→	Ground
GPIO 4 (GCLK0)	→	GPIO 14 (TXD)
Ground	→	GPIO 15 (RXD)
GPIO 17	→	GPIO 18 (PCM_CLK)
GPIO 27	→	GPIO 23
GPIO 22	→	GPIO 24
3V3 power	→	GPIO 25
GPIO 10 (MISO)	→	GPIO 8 (CE0)
GPIO 9 (MISO)	→	GPIO 7 (CE1)
Ground	→	GPIO 1 (ID_SC)
GPIO 0 (ID_SD)	→	Ground
GPIO 5	→	GPIO 12 (PWM0)
GPIO 6	→	Ground
GPIO 13 (PWM1)	→	Ground
GPIO 19 (FS)	→	GPIO 16
GPIO 26	→	GPIO 20 (PCM_DIN)
Ground	→	GPIO 21 (PCM_DOUT)



Trous de fixation



Alimentation de l'écran



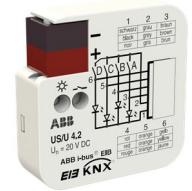
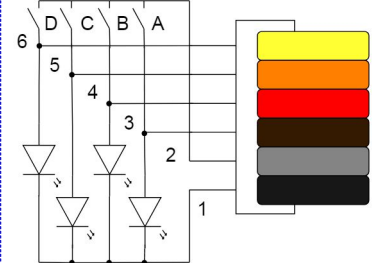
Dimensionnement R1 à R12

Pour  $V_{cc} = 3.3V$   
 $I_{min} = (V_{cc} - U_{fmax}) / R = 3.6 \text{ mA}$   
 $I_{max} = (V_{cc} - U_{fmin}) / R = 4.7 \text{ mA}$

US/U 4.2

Connections

Gris : COM  
 Brun : DRV1 --> A  
 Rouge : DRV2 --> B  
 Orange : DRV3 --> C  
 Jaune : DRV4 --> D



Robin Forestier

Centre de formation, Force Aérienne, Base Aérinne, PAY

Sheet: /

File: shield\_octo.sch

Title: shield\_octo

Size: A4

Date: 2021-11-30

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