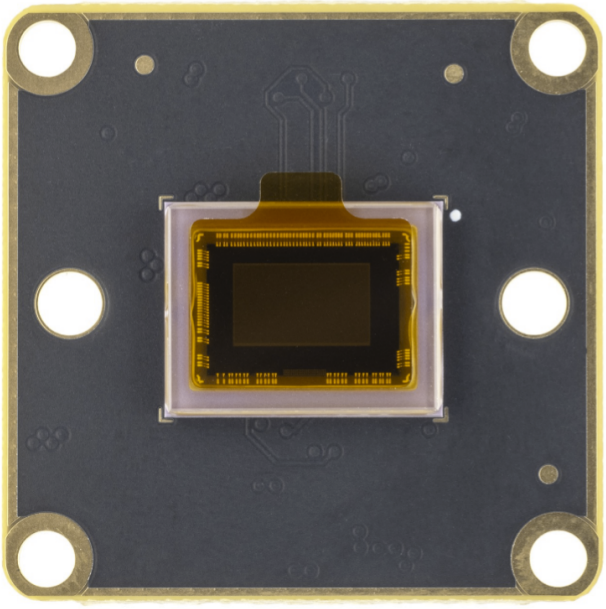
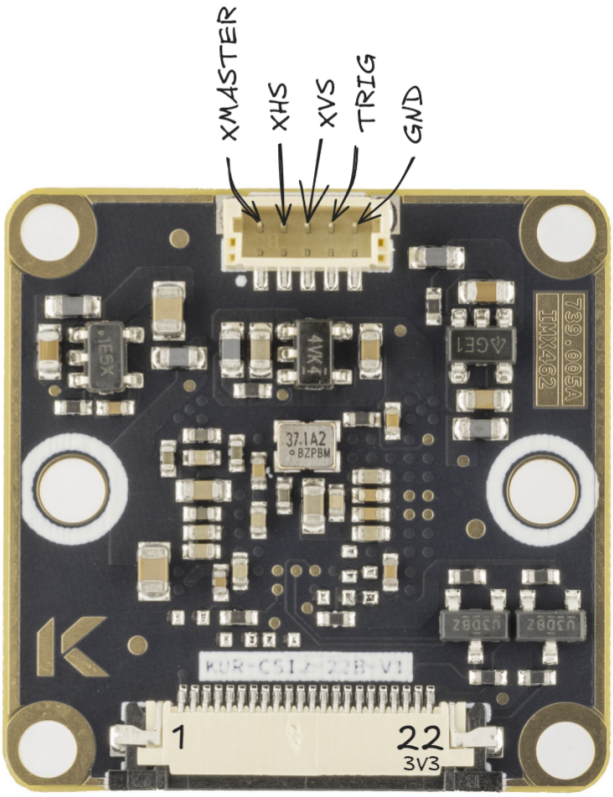
462x-CSI

Camera variants

SKU	Lens mount	Chroma	Note
462C-CSI-M12	9.5mm for wide angle lenses	RGB Color	**Most common use for wide angle and fish-eye lenses.**
462C-CSI-M12L	14.7mm for regular and telephoto lenses	RGB Color	**Modification for lenses above 6mm (typical)**
462M-CSI-M12	9.5mm for wide angle lenses	Mono	Same as 462C-M12 but Mono sensor for better light sensitivity
462M-CSI-M12L	14.7mm for regular and telephoto lenses	Mono	Same as 462C-M12L but Mono sensor for better light sensitivity





MIPI CSI2 wiring

Interface connector 22pin 0.5mm pitch 687122183622 from Würth Elektronik. Top facing pins.

Pin	Signal	Description
1	GND	
2	D0_N	
3	D0_P	
4	GND	
5	D1_N	
6	D1_P	
7	GND	
8	CLK_N	
9	CLK_P	
10	GND	
11	D2_N	
12	D2_P	
13	GND	
14	D3_N	
15	D3_P	
16	GND	
17	ENABLE	Wired to sensor XCLR
18	N.C.	
19	GND	
20	SCL	
21	SDA	

22	+3.3V	

AUX wiring

Interface connector 5 pin 1mm pitch 665305124022 from Würth Elektronik.

Pin	Signal	Description
1	XMASTER	Master / Slave selection
2	XHS	Horizontal sync signal
3	XVS	Vertical sync signal
4	TRIG	Trigger mode input
5	GND	

Revision #1
Created 13 July 2025 17:32:58 by Saulius
Updated 13 July 2025 17:41:38 by Saulius