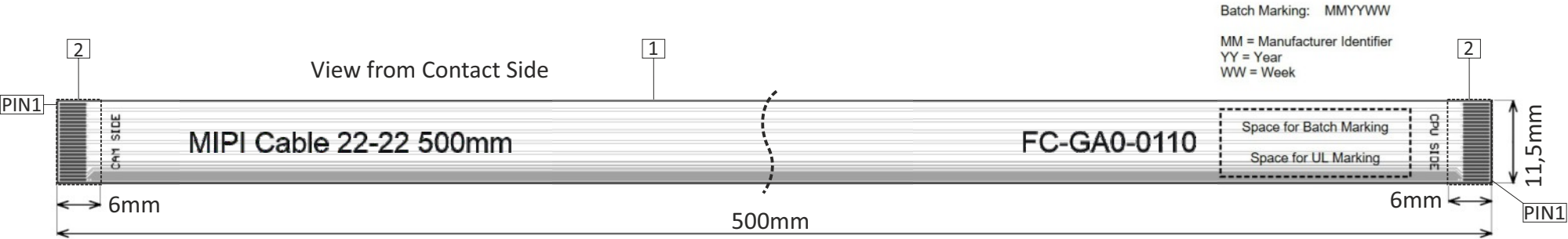


ITEM	QTY	PART NUMBER	DESCRIPTION	COMMENT
1	1	FPC CABLE PI	Dual Layer FPC	1 oz Cu 50µm Polyimide Flex
2	2	Stiffener PI	Total Cable thickness at Stiffener 350µm	0,5mm 22PIN Immersion Gold Contacts



CAM-Side	SIGNAL	CONN	CPU-Side	COMMENT
1	GND	●	22	Conn. to plane
2	CH1-	—	21	MIPI LANE
3	CH1+	—	20	MIPI LANE
4	GND	●	19	Conn. to plane
5	Ch2-	—	18	MIPI LANE
6	Ch2+	—	17	MIPI LANE
7	GND	●	16	Conn. to plane
8	CLK-	—	15	MIPI CLOCK
9	CLK+	—	14	MIPI CLOCK
10	GND	●	13	Conn. to plane
11	Ch3-	—	12	MIPI LANE
12	Ch3+	—	11	MIPI LANE
13	GND	●	10	Conn. to plane
14	Ch4-	—	9	MIPI LANE
15	Ch4+	—	8	MIPI LANE
16	GND	●	7	Conn. to plane
17	GPIO0	—	6	SPECIAL FUNCTION
18	GPIO1	—	5	SPECIAL FUNCTION
19	GND	●	4	Conn. to plane
20	SCL	—	3	SPI CLOCK (3V3)
21	SDA	—	2	SPI DATA (3V3)
22	+UB	—	1	0,5A max. (3V3)

GROUNDPLANE

ATTENTION:

FPC cable can only be used in one direction!

CAM-Side to camera PCB (MIPI-Source)

CPU-Side to computer (MIPI-SINK)

Especially the position of +UB and GND should be checked before connection.

The +UB connection is carried out as separated line on TOP and BOTTOM of the FPC.

It can be visually recognized on the cable and should be checked carefully.

In case of error, serious damage may occur to the computer or cable!



NOTE: All relevant materials are compliant with RoHS/REACH directive

FPC-MIPI 22-22 500mm		General Tolerances ISO 2768-1 (medium)	Projection
Art.-Nr.: CA-FPC-22P-22P/0.50	All Rights Reserved Copyright by DIN34	Drafter:	Date:
Mfg. Type: FC-GA0-0110	Drawn:	Martin Teuber	2025-08-04
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