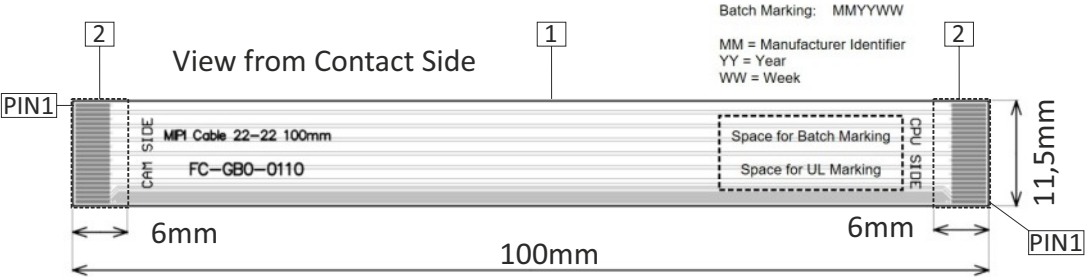


ITEM	QTY	PART NUMBER	DESCRIPTION	COMMENT
1	1	FPC CABLE PI	Dual Layer FPC	1 oz Cu 50µm Polyimide Flex
2	2	Stiffener PI	Total Cable thickness at Stiffener 350µm	0,5mm 22PIN Immersion Gold Contacts



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 befor 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 100mm		General Tolerances ISO 2768-1 (medium)	Projection 
Art.-Nr.: CA-FPC-22P-22P/0.10	All Rights Reserved Copyright by DIN34	Drafter:	Date:
Mfg. Type: FC-GB0-0110	Drawn:	Martin Teuber	2025-08-04
TIS-PN: 20800000049	Revision:		
Document Name: TISC-0012	Revision:		
 The Imaging Source Europe GmbH Überseetor 18 28237 Bremen/Germany ☎+49421335910 www.theimagingsource.com ✉	Revision:		
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