

INTERFACE SOLUTIONS Specifications

FFC-G101

Approval

Rev. 0





Issue Date.

2019.02.25

Doc No.

FFC_G101

Note | Specification is subject to change without notice.
Consequently it is better to contact to our company before proceeding with the design of your product incorporating this board

Prepared	Checked I	CheckedII	Approved
			
KB. PARK			YH. HAN

Revision History

Rev.	ECN No.	Description of Changes	Date	Prepared
0		Initial Release	2019.02.25	KB.PARK

FFC-G101

1. General Specification

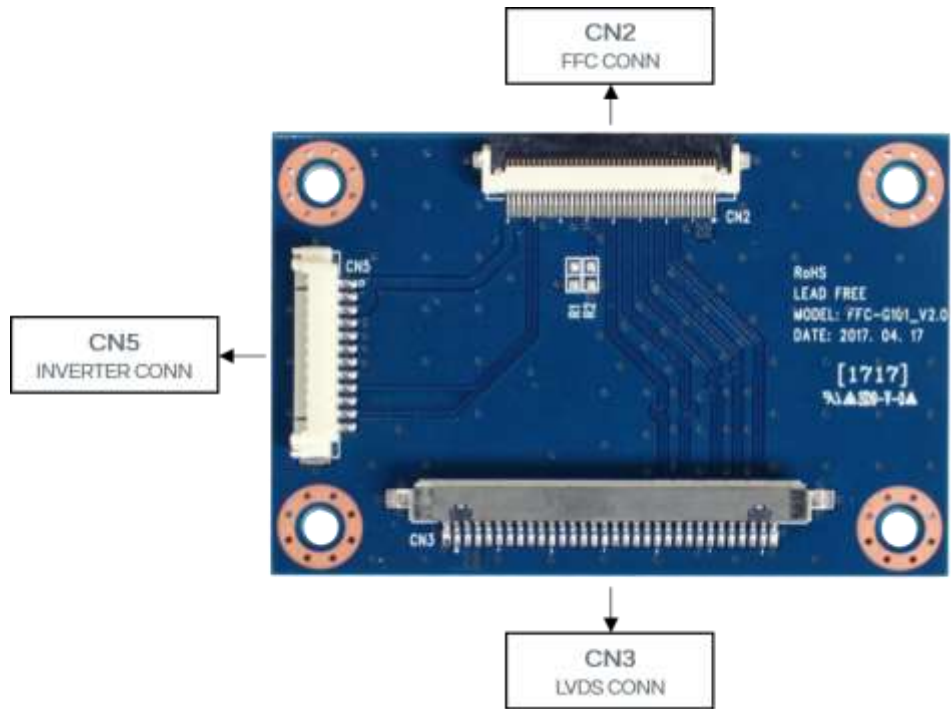
No.	Item	Description	
1	Model Name	FFC-G101	
2	Input	LVDS	
3	Board Size	W x H x D(mm)	65 x 43 x 6



FFC-G101

4. CONNECTOR, PINOUT & JUMPERS

The various connectors are:



Summary:

Reference	Item	Description	Type	Manufacture
CN2	Connector	FFC CONNECTOR	05002HR-40N2	
CN3	Connector	LVDS CONNECTOR	IS100-L30B	
CN5	Connector	INVERTER CONNECTOR	12505WR-12	

CN2: FFC Connector

Pin No.	Symbol	Description
1	X	X
2	VCC	VCC
3	VCC	VCC
4	VCC	VCC
5	X	X
6	X	X
7	X	X
8	RXOIN0-	RXOIN0-
9	RXOIN0+	RXOIN0+
10	GND	GND
11	RXOIN1-	RXOIN1-
12	RXOIN1+	RXOIN1+
13	GND	GND
14	RXOIN2-	RXOIN2-
15	RXOIN2+	RXOIN2+
16	GND	GND
17	RXOCKIN-	RXOCKIN-
18	RXOCKIN+	RXOCKIN+
19	GND	GND
20	RXOIN3-	RXOIN3-
21	RXOIN3+	RXOIN3+
22	GND	GND
23	BIT_SEL	BIT_SEL
24	X	X
25	GND	GND
26	X	X
27	X	X
28	GND	GND
29	X	X
30	X	X
31	GND	GND
32	GND	GND
33	GND	GND
34	X	X
35	BL_EN	BL_EN
36	BL_PWM	BL_PWM
37	X	X
38	BL_VCC	BL_VCC
39	BL_VCC	BL_VCC
40	BL_VCC	BL_VCC

FFC-G101

CN3: LVDS Connector

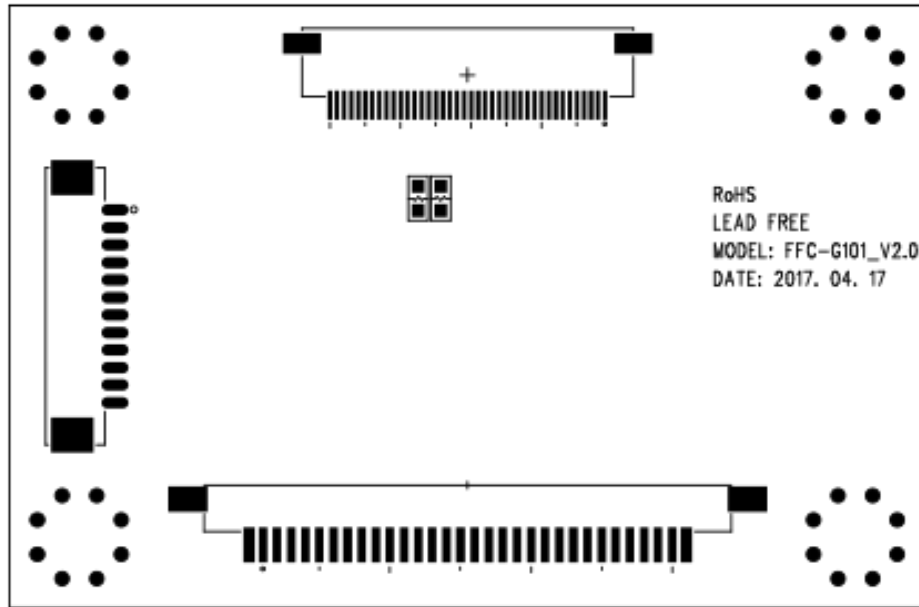
Pin No.	Symbol	Description
1	VCC	VCC
2	VCC	VCC
3	VCC	VCC
4	X	X
5	X	X
6	X	X
7	X	X
8	X	X
9	X	X
10	X	X
11	X	X
12	X	X
13	X	X
14	X	X
15	X	X
16	X	X
17	X	X
18	X	X
19	X	X
20	RXOIN3+	RXOIN3+
21	RXOIN3-	RXOIN3-
22	RXOCKIN+	RXOCKIN+
23	RXOCKIN-	RXOCKIN-
24	GND	GND
25	RXOIN2+	RXOIN2+
26	RXOIN2-	RXOIN2-
27	RXOIN1+	RXOIN1+
28	RXOIN1-	RXOIN1-
29	RXOIN0+	RXOIN0+
30	RXOIN0-	RXOIN0-

CN5: INVERTER Connector

Pin No.	Symbol	Description
1-3	VCC	VCC
4	GND	GND
5	GND	GND
6	GND	GND
7	GND	GND
8	GND	GND
9	BL_EN	BL_EN
10	X	X
11	BL_PWM	BL_PWM
12	X	X

FFC-G101

5. CONTROLLER DIMENSIONS



FFC-G101	SIZE: 65 X 43mm	
	DATE:2017. 04. 17	
COMPONENT SIDE	Rev: 2.0	1.6T

[DIMENSION DOWNLOAD](#)