

INTERFACE SOLUTIONS Specifications

G101EVN01

Approval

Rev. 0





Issue Date.

2019.02.27

Doc No.

G101EVN01

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

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Revision History

Rev.	ECN No.	Description of Changes	Date	Prepared
0		Initial Release	2019.02.19	KB.PARK

G101EVN01

1. General Specification

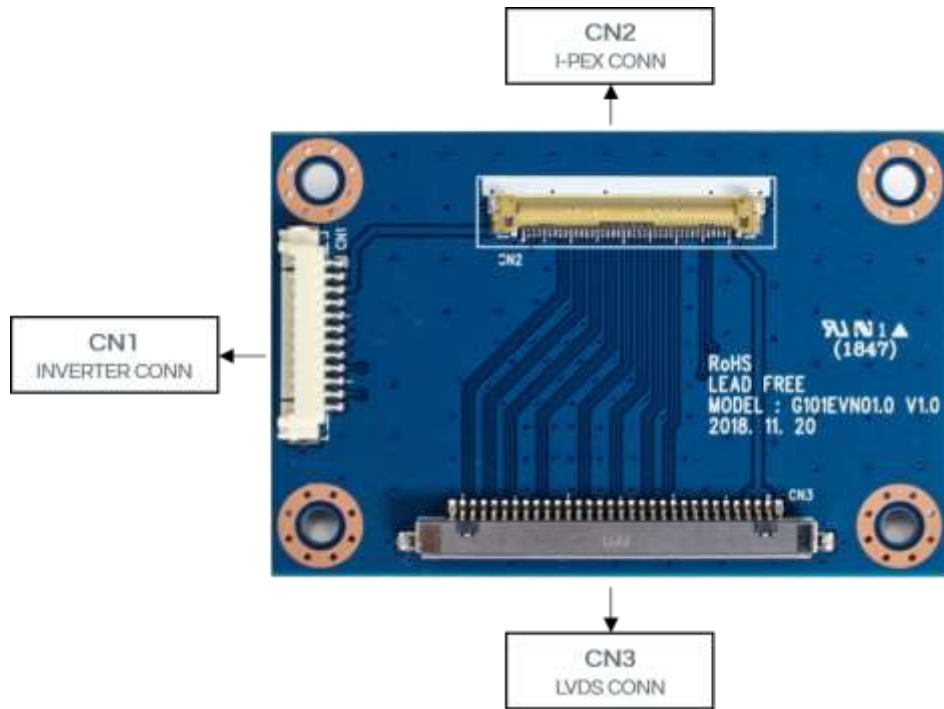
No.	Item	Description	
1	Model Name	G101EVN01	
2	Input	LVDS	
3	Board Size	W x H x D(mm)	65 x 43 x 6



G101EVN01

4. CONNECTOR, PINOUT & JUMPERS

The various connectors are:



Summary:

Reference	Item	Description	Type	Manufacture
CN1	Connector	INVERTER CONNECTOR	12505WR-12	YEONHO
CN2	Connector	I-PEX CONNECTOR	HD1S040HA1	I-PEX
CN3	Connector	LVDS CONNECTOR	IS100-L30B-C23	

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CN2: I-PEX Connector

Pin No.	Symbol	Description
1	NC	NC
2	VDD	VDD
3	VDD	VDD
4	VDD	VDD
5	NC	NC
6	NC	NC
7	NC	NC
8	RIN0-	RIN0-
9	RIN0+	RIN0+
10	GND	GND
11	RIN1-	RIN1-
12	RIN1+	RIN1+
13	GND	GND
14	RIN2-	RIN2-
15	RIN2+	RIN2+
16	GND	GND
17	CLKIN-	CLKIN-
18	CLKIN+	CLKIN+
19	GND	GND
20	NC	NC
21	NC	NC
22	GND	GND
23	NC	NC
24	NC	NC
25	GND	GND
26	NC	NC
27	NC	NC
28	GND	GND
29	NC	NC
30	NC	NC
31	VLED_GND	VLED_GND
32	VLED_GND	VLED_GND
33	VLED_GND	VLED_GND
34	NC	NC
35	VPWM_EN	VPWM_EN
36	VLED_EN	VLED_EN
37	NC	NC
38	VLED	VLED
39	VLED	VLED
40	VLED	VLED

CN3: LVDS Connector

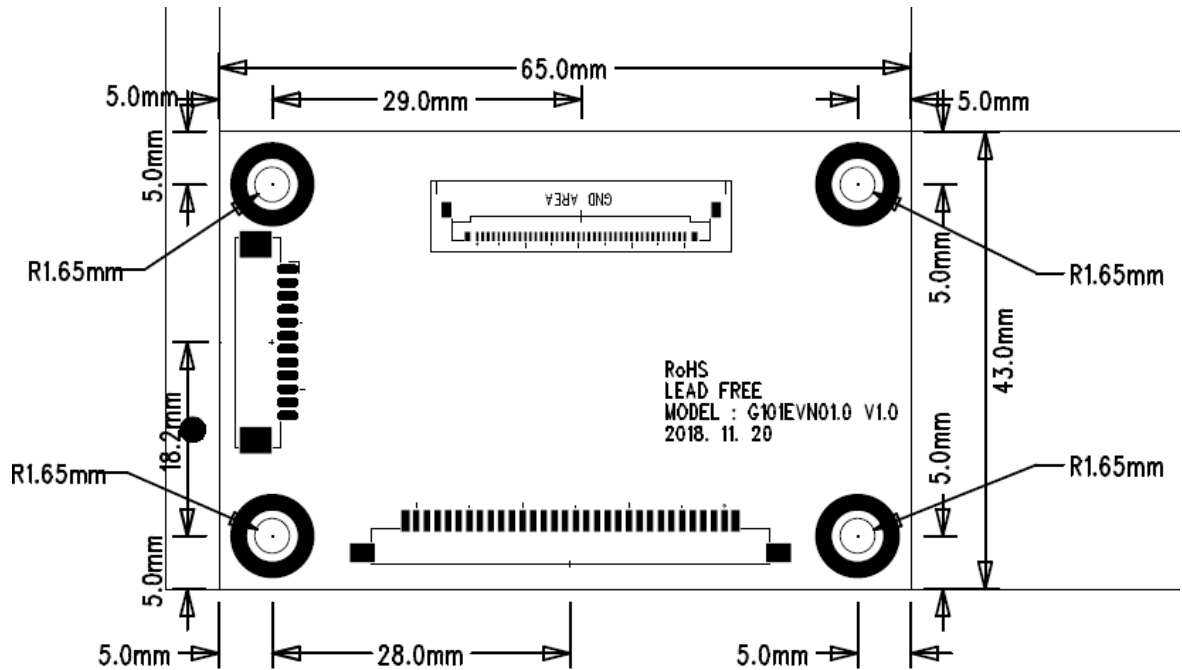
Pin No.	Symbol	Description
1	RIN0-	RIN0-
2	RIN0+	RIN0+
3	RIN1-	RIN1-
4	RIN1+	RIN1+
5	RIN2-	RIN2-
6	RIN2+	RIN2+
7	GND	GND
8	CLKIN-	CLKIN-
9	CLKIN+	CLKIN+
10	NC	
11	NC	
12	NC	NC
13	NC	NC
14	GND	GND
15	NC	NC
16	NC	NC
17	GND	GND
18	NC	NC
19	NC	NC
20	NC	NC
21	NC	NC
22	NC	NC
23	NC	NC
24	GND	GND
25	NC	NC
26	NC	NC
27	NC	NC
28	VCC	VCC
29	VCC	VCC
30	VCC	VCC

CN1: INVERTER Connector

Pin No.	Symbol	Description
1-3	VCC	VCC
4	GND	Ground
5	GND	Ground
6	GND	Ground
7	GND	Ground
8	GND	Ground
9	VLED_EN	VLED_EN
10	NC	NC
11	VPWM_EN	VPWM_EN
12	NC	NC

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5. CONTROLLER DIMENSIONS



G101EVN01.0	SIZE: 65 X 43mm
COMPONENT SIDE	DATE:2018.11. 20
	Rev: 1.0 1.6T

[DIMENSION DOWNLOAD](#)