



ILI2315PC PCAP USB controller

Revision: 003

Date: 2018-10-18

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1 Controller specification

1.1 Mechanical features

Size	90.0 x 50.0 x 4.9 mm
Operating temperature	-40 to +85 °C
Storage temperature	-40 to +150 °C
RoHS compliant	Yes

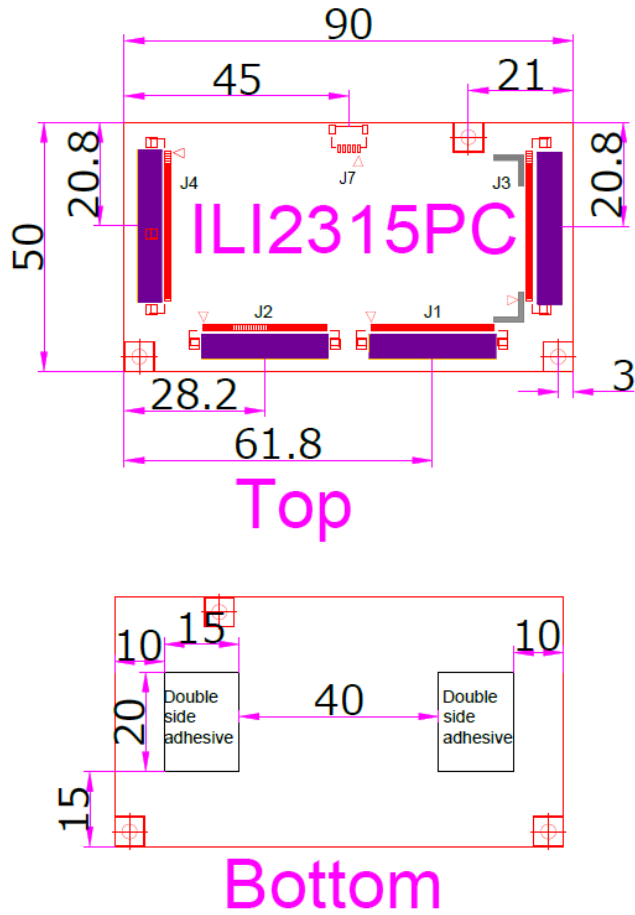
1.2 Electrical features

Power supply	5 V ± 5%
On board voltage	3.3V, 5V, 35V
Power consumption	150 mA max. (subject to configuration)

1.3 Connection specification

Touch report	10 fingers simultaneously max.
Coordinate resolution	16384 x 9600
Protocol	USB 2.0 Full Speed
Supported OS	Win7/8/8.1/10, CE5/6/7, Linux, Mac OS 9/X

2 Mechanical drawing



Height including components: 4.9 mm

3 Connection signals

3.1 Connectors

Connector	Type	Connection
J1, J2	Aces 51619-050-001	Flextail to touch sensor
J3, J4	Aces 51619-060-001	Flextail to touch sensor
J7	Aces 50224-005-001	USB

3.2 J7 pin assignment

Connector front view, starting with pin 1 leftmost

Pin	Signal	Description
1	VDD_5V	Power supply
2	USB_D-	USB data minus
3	USB_D+	USB data plus
4	GND	Ground
5	GND	Ground

4 UL information

Connector	Type	UL standard
J1, J2	50 pin flextail connector	E47960 / E54705
J3, J4	60 pin flextail connector	E47960 / E54705
J7	USB connector	E47960 / E54705
PCB	XZG-P1	E246887

5 Revision history

Revision	Date	Page	By
001	2016-12-16	1-7	AG
002	2017-02-24	1-7	AG
003	2018-10-18	5	ToGo

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