



**KEYTEC, INC.**

*A global leader of touch-interactive technology since 1987.*

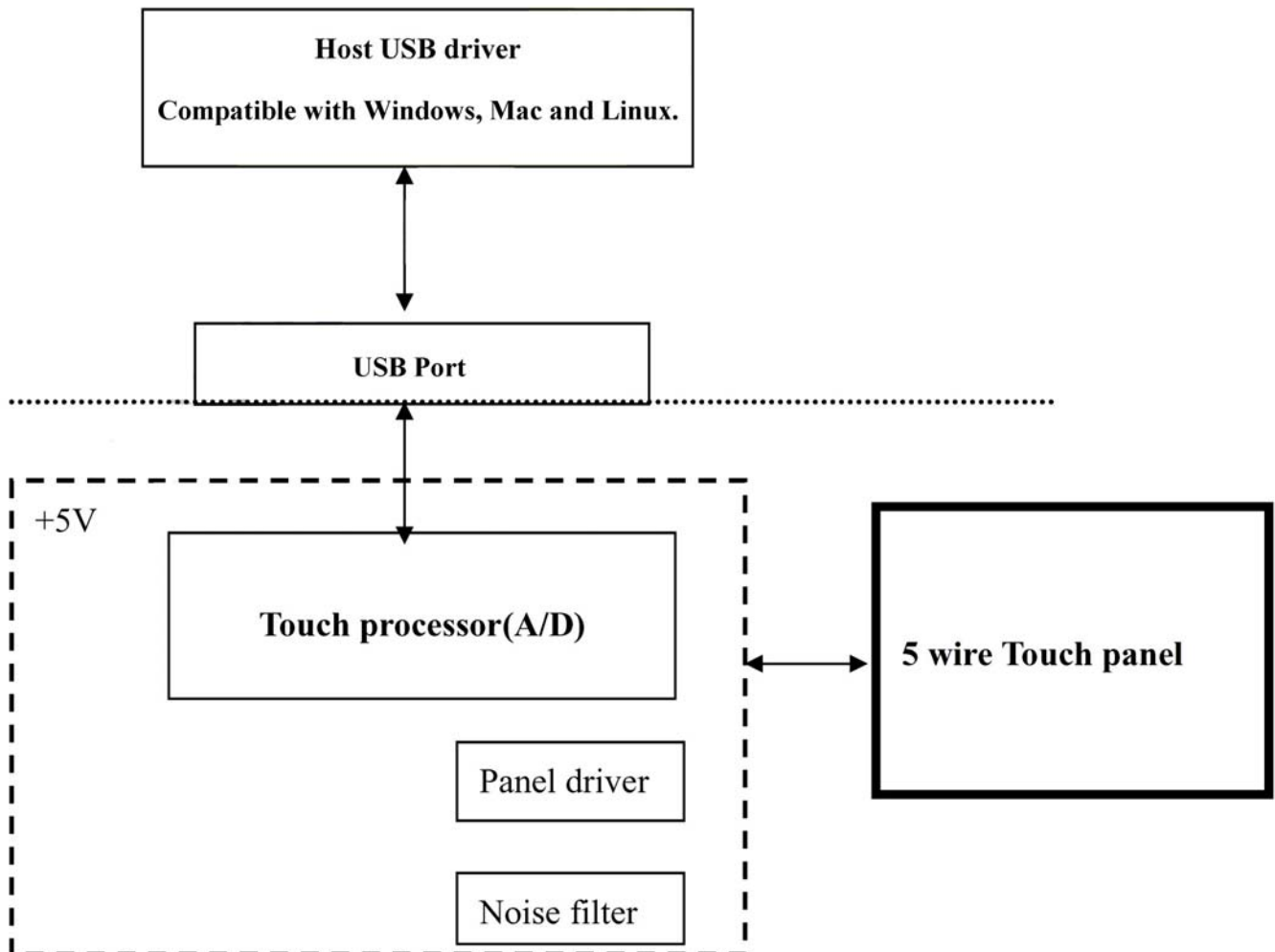


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KEYTEC, INC. 520 Shepherd Drive, Garland, TX, 75042 USA 1-800-MAGIC-89 [sales@magictouch.com](mailto:sales@magictouch.com) [www.magictouch.com](http://www.magictouch.com)

**USB5-XD Controller Specifications:**

1. Description:  
This specification applies to the USB interface controller used for KEYTEC'S 5-wire analog resistive touch screens.
2. Block Diagram:



3. Specification:

Touch Resolution	4096 x 4096
Touch Screen Type	5-wire analog resistive
LED Indicator	Green for touch/untouch indication
Power	+5 VDC supplied from USB port
Power Consumption	65 mA operation
Respond Time	< 10 ms
Dimensions (external box type)	79 x 38 x 21 mm
Dimensions (small board type)	65 x 22 x 9 mm
Connection (external box type)	RJ11 Phone Jack
Connection (small board type)	2.5 mm flat male header
Operating Temperature	-20 to 70 C
Storage Temperature	-25 to 75 C

4. Connection:

USB Side: Wafer 2.00mm pitch connector

Pin No.	Signal	Specifications
1	+5V	Vcc
2	D-	D-
3	D+	D+
4	0V	GND
5	F.G.	FRAME GND

Touch Panel Side: 2.54mm Shrouded Header

Pin No.	Specifications / Standards
1	Lower left
2	Upper left
3	Top sheet
4	Lower right
5	Upper right

5. Photos:



External Box Type



Small Board Type