

坤巨資訊股份有限公司  
GROOVY TECHNOLOGY CORP.

SPECIFICATIONS OF TOUCH CONTROLLER

觸控面板控制器標準規範書

Date(日期): 2007/02/12

Customer(客戶):

Model(型式): ET-1255BSP

Mode(種類):

Customer Approval(客戶確認)

|                         |
|-------------------------|
| Customer Approval(客戶確認) |
|                         |

| Approve(確認) | Checked(審閱) | Preparation(製表) |
|-------------|-------------|-----------------|
|             |             |                 |

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| ET-1255BSP                   | SPECIFICATIONS   |  | DATE: 2007.02.12 |
|------------------------------|--|--|------------------|
| ITEM                         |   |  |                  |
| <b>OVERVIEW</b>              | <p>ET-1255BSP supports mainly 4-wire analog resistive touch panel. It could imitate mouse function by getting touch function via USB port to connect PC. Moreover, it could be installed general OS (e.g. Windows or Linux) for matching common request. If customers need to developing formula on their own, we also could provide necessary protocol.</p> |  |                  |
| <b>Interface</b>             | USB (ADC 12Bit)  |  |                  |
| <b>Touch Resolution</b>      | 4096   |  |                  |
| <b>Response time</b>         | 10.4ms   |  |                  |
| <b>Supply Voltage</b>        | Derived from USB port DC 5V  |  |                  |
| <b>Power consumption</b>     | Active : 0.16W   |  |                  |
| <b>Operation Temperature</b> | 0 ~ 70°C 10% to 90% RH, non-condensing   |  |                  |
| <b>Storage Temperature</b>   | -25°C ~ 125°C 10% to 90% RH, non-condensing  |  |                  |
| <b>LED</b>                   | Touch/Un-touch indication  |  |                  |
| <b>Dimension</b>             | PCB: 65mm x 22mm   |  |                  |
| <b>Regulatory Approvals</b>  | CE FCC   |  |                  |
|                              |  |  |                  |

ET-1255BSP

**SPECIFICATIONS**

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**Interface for HOST Side**

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

**Interface for Touch Panel Side**

| Pin NO. | Specifications/Standards |
|---------|--------------------------|
| 1       | Right                    |
| 2       | Left                     |
| 3       | Up                       |
| 4       | Under                    |

## Interface Connector

USB Side : Wafer 2.000mm Pitch connector

Touch Panel Side : 2.54mm Shrouded Header

ET-1255BSP

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- Total Width: 22 mm
- Total Length: 65 mm

