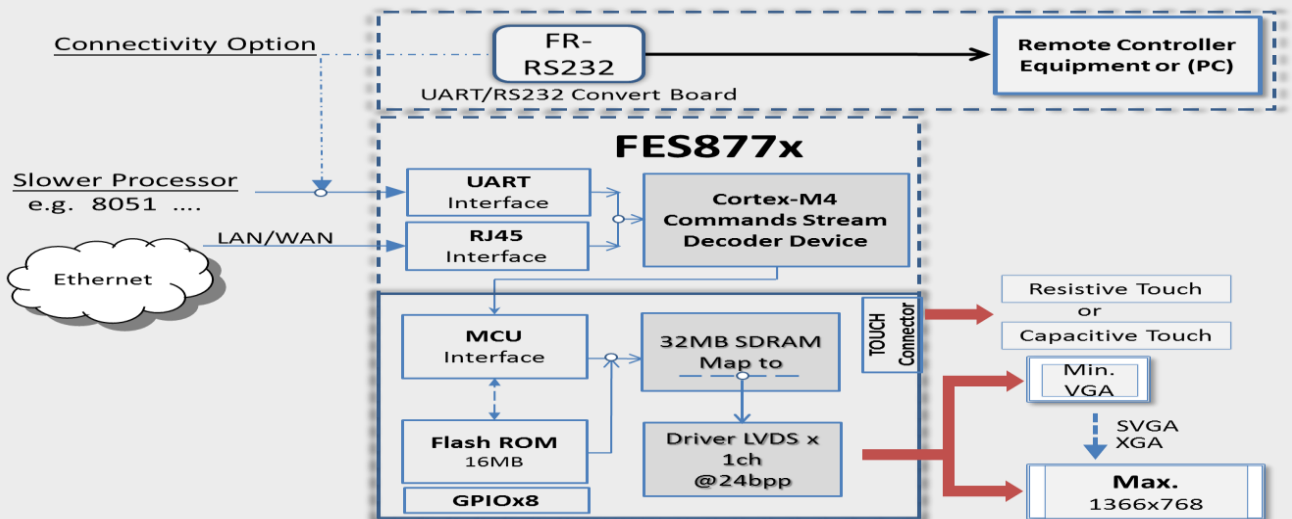


FES877 series

TFT-LCD Graphics Control Module

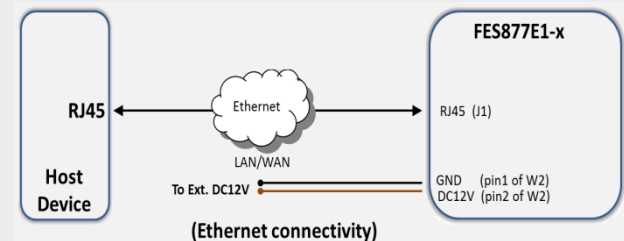
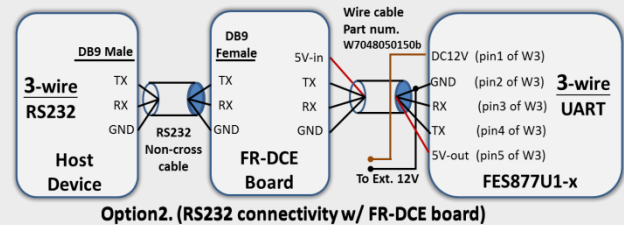
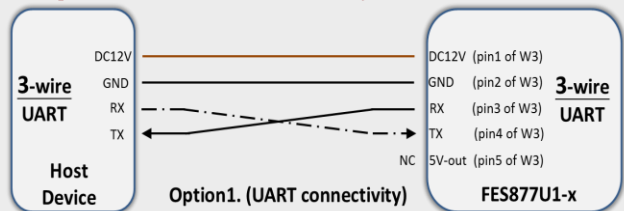
Architecture Diagram



Features

- **Serial Interface :**
 - ▾ UART_115200/N/8/1. (FES877U) or IP address: 192.168.0.201 (FES877E).
- **High performance RMII 10/100Mbps Ethernet controller full compliant with IEEE802.3u standards.**
- **Provide functions "Commands Table" for user's application.**
- **The available catalog listing of Commands Table**
 - ▾ System Control.(Touch,Brightness,Gpio,...)
 - ▾ Memory Rd/Wr.(FlashROM, D-buffer,...)
 - ▾ Graphic Cursor. (Standard, User's definition, ...)
 - ▾ Character Font display.(Standard, User's Font,...)
 - ▾ Geometry Drawing.(circle,triangle,square,line..)
 - ▾ Functions.(alike with photo-frame's function,..)
- **Support Max. TFT-LCD resolution up to 1366X768 with Resistive/Capacitive Touch Panel.**
- **Built-in a 16MB FlashROM as image data storage.**
- **Built-in a Micro-SD as extra-image data storage.**
- **Provide GPI x4, GPO x4. (w/ 5v tolerance)**
- **Font Enlargement Function x1, x2, x3, x4 in Horizontal / Vertical Direction.**
- **Application:**
 - ▾ Digital signage , Photo frame , Elevator , Data collection node, Vending machine.
- **Power supply : 12V**
- **Operation Temperature : -20°C to 70°C**

Optional Connectivity



Ordering Information

Part number : **FES877mn-abcx**

- **m** = "U" - UART interface.
= "E" - Ethernet interface.
- **n** = "1" - with 16MByte of SPI_FlashROM.
= "2" - with 32MByte of SPI_FlashROM
- **abc** = "14E" - (10.4 inch), 1024x768 Panel diagnostic & Resoluon.
- **x** = "T" - Resistive touch panel.
= "C" - Capacitive touch panel.

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