

Amulet Technologies

High Performance 7" Capacitive Module



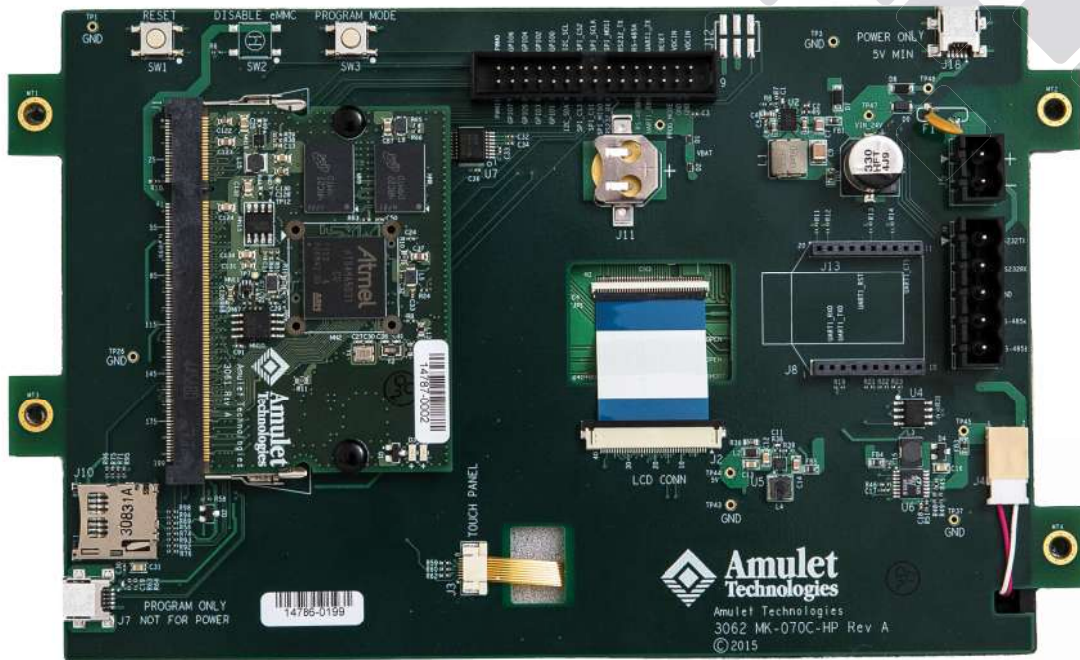
Overview:

The MK-070C-HP is the newest family member in Amulet's Display Module product line. The new 7" Capacitive Display Module incorporates Amulet's new high performance Graphics Display Card. The Display Card is based around an ARM® Cortex®-A5 processor architecture with a CPU frequency up to 536MHz. The MK-070C-HP has 4GB of DDR2 RAM, 4GB eMMC Flash module, and a μSD card socket with support over 64GB. The Module has an 800x480 WVGA TFT LCD with a projected capacitive touch panel that works with gloved hands and rejects liquids.

The MK-070C-HP 7" Projected Capacitive Display Module is the perfect solution for any high performance graphical user experience.



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Module

- 536Mhz ARM A5 Processor
- 4GB of DDR RAM at 166Mhz
- 4GB eMMC Flash and μ SD Card Socket
- Operating Temperature: -20°C to 70°C

Display

- 7" WVGA (16:9 diagonal)
- Luminance: 500 nit (cd/m²)
- Contrast Ratio: 400:1
- Viewing Angle: 60° Top-Bottom, 70° Left-Right

Touch Panel

- Projected Capacitive Touch
- Operates with gloved hands and rejects liquids
- Gestures: Tap, Flick, Scroll, Finger Swipe
- 1.1 mm protective cover glass

Interfaces

- 1 UART-TTL socket for the common 02.15.4 XBee wireless footprint
- 1x SPI with 3 Chip Selects
- 1x I2C
- RS-485
- RS-232
- 8x GPIO
- 2x PWM
- USB 2.0 Device Interface

Power

- Multiple options for input power
 - 12V DC
 - 24V AC
 - 5V USB power
- RTC with battery backup



Want More Information?

Call or email us today! Also visit us on the Web at www.amulettechnologies.com for the latest data sheets, programmer's guide, software updates and more.

Amulet Display Modules are available through Amulet franchised distributors. Visit our website for direct "order now" links.

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