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4D Systems 9" Diablo16 Starter Kit - Resistive Touch

LCD-15978 ROHS

DESCRIPTION | INCLUDES | FEATURES | DOCUMENTS

- Powerful 9.0” Intelligent LCD-TFT display module powered by DIABLO16.
- 800 x 480 Resolution, RGB 65K true to life colours, TFT Screen with integrated 4-wire Resistive Touch Panel (DT).
- 6 banks of 32750 bytes of Flash memory for User Application Code and Data.
- 32Kb of SRAM purely for the User.
- 16 General Purpose I/O pins for user interfacing, which include 4 configurable Analog Inputs.
- The GPIO is variously configurable for alternative functions such as:
  - 3x I2C channels available.
  - 1x SPI dedicated for SD Card and 3x configurable SPI channels available.
  - 1x dedicated and 3x configurable TTL Serial comm ports available.
  - Up to 6 GPIO can be used as Pin Counters.
  - Up to 6 GPIO for PWM (simple and Servo).
  - Up to 10 GPIO for Pulse Output.
  - Up to 14 GPIO can be configured for Quadrature Encoder Inputs (2 channels).
- 30pin FPC connection, for all signals, power, communications, GPIO and programming.
- On-board latch type micro-SD memory card connector for multimedia storage and data logging purposes.
- DOS compatible file access (FAT16 format) as well as low level access to card memory.
- Dedicated PWM Audio pin driven by WAV files from micro-SD card, and for sound generation, for an external amplifier.
- Display full colour images, animations, icons and video clips.
- Supports all available Windows fonts.
- 4.0V to 5.5V range operation (single supply).
- Module dimensions: 230.7 x 126.4 x 7.9mm (Thickness is 4.9mm LCD + 3.0mm PCB)
- 4x metal mounting tabs with 4.2mm holes for mechanical mounting using M4 screws.

Tags

4D SYSTEMS | LCD | RESISTIVE

COMMENTS 0 | REVIEWS 0

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