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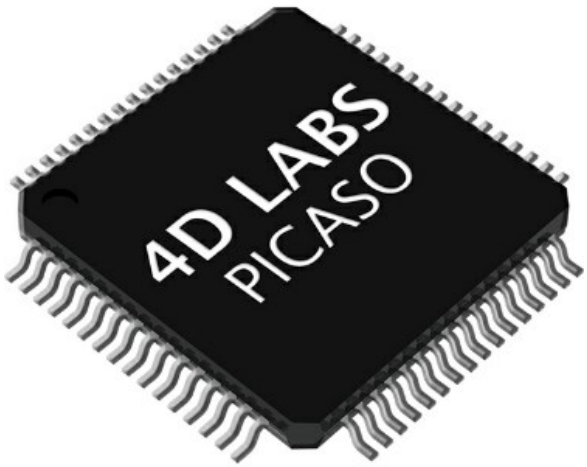





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Picaso Embedded Graphics Processor

COM-15989 ROHS

DESCRIPTION FEATURES DOCUMENTS

- Low-cost OLED, LCD and TFT display graphics user interface solution.
- Ideal as a standalone embedded graphics processor or interface to any host controller as a graphics co-processor.
- Connect to any colour display that supports an 80-Series 16 bit wide CPU interface. All data and control signals are provided.
- Built in high performance virtual processor core (EVE) with an extensive byte-code instruction set optimised for 4DGL, the high level 4D Graphics Language.
- Comprehensive set of built in graphics and multimedia services.
- Display full colour images, animations, icons and video clips.
- 15K bytes of flash memory for user code storage and 14K bytes of SRAM for user variables.
- 13 Digital I/O pins.
- I2C interface (Master).
- D0…D15, RD, WR, RS, CS – dedicated display interface pins.
- FAT16 file services.
- 2 Asynchronous hardware serial ports with Auto-Baud feature.
- SPI interface support for SDHC/SD memory card for multimedia storage and data logging purposes (uSD with up to 2GB and SDHC memory cards starting from 4GB and above).
- 4-Wire resistive touch panel interface.
- Audio support for wave files and complex sound generation with a dedicated 16-bit PWM audio output.
- 8 x 16 bit timers with 1 millisecond resolution.
- Single 3.3 Volt Supply @25mA typical.

COMMENTS 0 REVIEWS 0

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