

Gold Wafer Card (PIC-16F84+24LC16)

GENERAL DESCRIPTION

The GOLD wafer card is an 8 bit, field programmable, ISO-7816 compatible multi-chip Smart Card featuring the Microchip Technology, Inc. PIC16F84 + 24LC16 die. Fully compatible with similar products on the market, the card is supported by a number of commercially available programmers.

The card features an expanded data memory and is ideally suited for applications requiring field programming and reprogramming, short time to market and small to medium volume roll outs.

FEATURES:

- ISO 7816-1 Compatible Pin-out 1024 X 14 On-Chip Program Memory
- ISO 7816-1 Compatible Card Body 64 X 8 Internal EEPROM Memory
- Single 5V Operation 16K X 8 Expanded EEPROM Memory
- DC to 10~20MHz Operating Speed Enhanced Code protection
- DC to 400 nano second Instruction Cycle 40 Year Data Retention
- Harvard Architecture >1,000,000 Write/Erase Cycles
- 35 Word Single Word RISC Instructions >2KV ESD Protection
- Re-programmable with Code Protection

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