ZZ-8800 PIC16F84 + 24LC16B Wafer Smart Card

Specifications Sheet

General Description

This is an 8 bit multi-chip smart card based on the PIC microchip technology from world leader Microchip Technology, Inc.
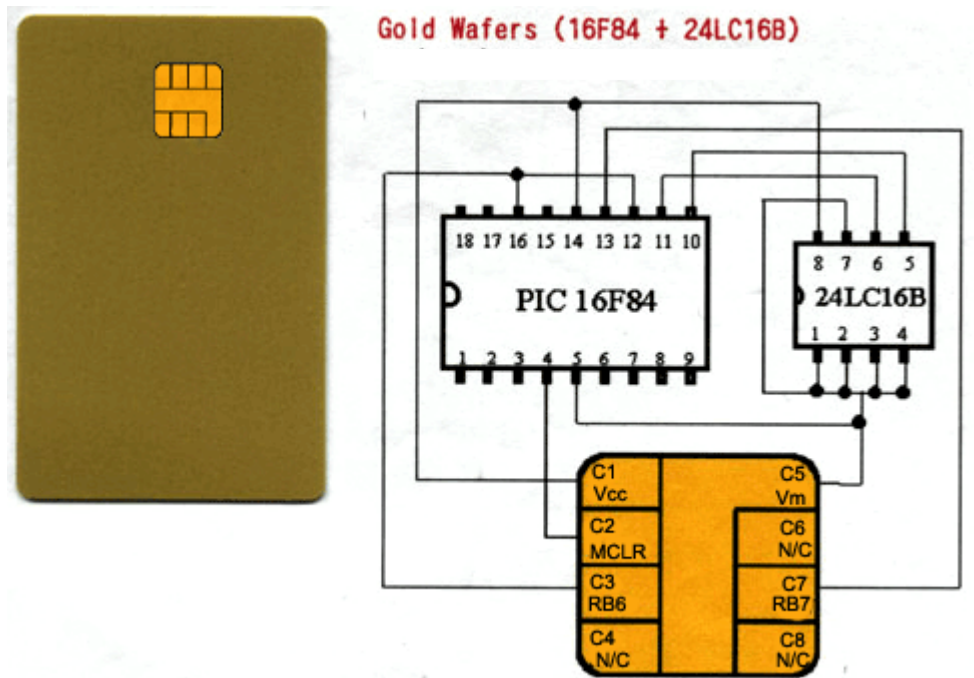
The PIC16F84 is coupled with a 24LC16 providing programming compatibility and support with a number of commercially available programmers.

The card is field programmable and reprogrammable making it suitable for small the medium volume production runs as well as easy serviceability.

This unit features 16K memory.

Features

- ISO 7816-1 compatible pin-out
- ISO 7816-1 compatible card body
- Single 5V operation
- DC to 10MHz operating speed
- DC to 400 nano second instruction cycle
- Harvard Architecture
- 35 word "single word" RISC instructions
- Reprogrammable with code protection
- 1024 x 14 on-chip programmable memory
- 64 x 8 internal EEPROM memory
- 16k x 8 expanded EEPROM memory
- Enhanced code protection
- 40 year data retention
- Greater than 1,000,000 Write / Erase cycles
- Greater than 2kV ESD protection

Gold Wafers (16F84 + 24LC16B)

Pin #	Name	Function
C1	Vcc	Power Supply
C2	MCLR	Master Clear
C3	RB6/Oscl	Clock Input
C4	N/C	Not Connected
C5	Vss	Ground
C6	N/C	Not Connected
C7	RB7	Data I/O
C8	N/C	Not Connected

Further Information
PIC16F84 and 24LC16 datasheets.

Quality System

Quality
Endorsed
Company