

### Features

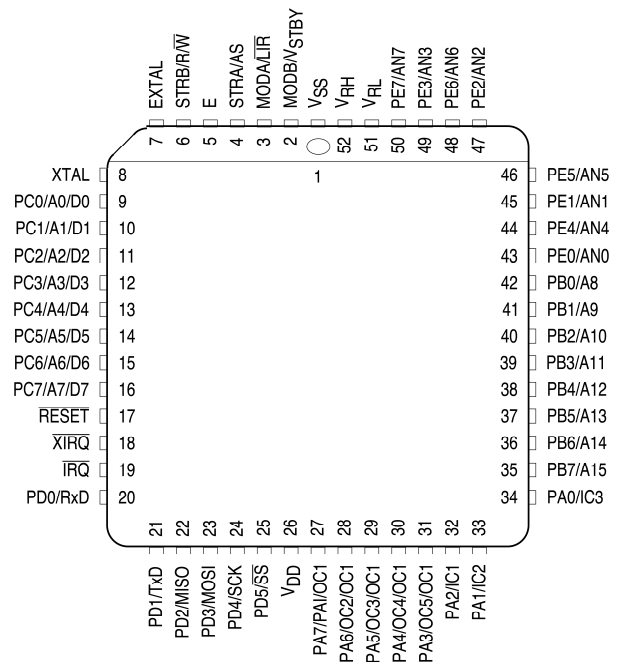
#### TK68HC11 CPU

- Power Saving STOP and WAIT Modes
- 512 Bytes of On-Chip EEPROM
- 256 Bytes of On-Chip RAM (All Saved During Standby)
- 16-Bit Timer System
  - 3 Input Capture Channels
  - 5 Output Compare Channels
- 8-Bit Pulse Accumulator
- Real-Time Interrupt Circuit
- Computer Operating Properly (COP) Watchdog System
- Synchronous Serial Peripheral Interface (SPI)
- Asynchronous Non-return to Zero (NRZ) Serial Communications Interface (SCI)
- 8-Channel, 8-Bit Analog-to-Digital (A/D) Converter
- 38 General-Purpose Pins
  - 15 Bidirectional I/O Pins
  - 11 Input-Only Pins
  - 12 Output-Only Pins
- Available in 52-Pin Plastic Leaded Chip Carrier (PLCC)

### General Description

The TK68HC11A1 high-performance Microcontroller Units (MCUs) are based on the TK68HC11 Family. These high speed, low power consumption chips have multiplexed buses and a fully static design. The chips can operate at frequencies from 3 MHz to DC.

These devices are designed to be drop-in, pin for pin replacements for other 68HC11A1 devices.



## Ordering Information

Code	Temperature	Package	Replaces
TK68HC11A1CFNE3	-40 to +85	Plastic 52 PLCC	MC68HC11A1FNE

Packages are fully RoHS compliant.

## Contact Information

The TK68HC11A1 may be ordered directly from Tekmos:

Tekmos, Inc.  
7901 E. Riverside Dr.  
Bldg.2, Suite 150  
Austin, TX 78744

512-342-9871 phone  
Sales@Tekmos.com  
www.Tekmos.com

## Revision History

Date	Revision	Description
3/08/16	1.0	Original Release

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