


MCU 8-bit 8051 CISC 32KB Flash 3.3V/5V 52-Pin PLCC
Tube



Images are for reference only

[Inquiry](#)

Manufacturer:	Microchip Technology, Inc
Package/Case:	PLCC52
Product Type:	Embedded Processors & Controllers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active

General Description

High-performance flash version of the 80C51 single-chip 8-bit microcontroller with full-speed USB functions. This device retains the features of the Microchip 80C52 and adds 1024 bytes of on-chip expanded ERAM, dual data pointer, 16-bit up/down timer, programmable counter array, up to four programmable LED current sources, programmable hardware watchdog, and power-on reset.

Two software-selectable modes of reduced activity further reduce power consumption. In the idle mode the CPU is frozen while the timers, serial ports, and interrupt system operate. In the power-down mode the RAM is saved and the peripheral clock is frozen, but the device has full wake-up capability through USB events or external interrupts.

Recommended For You

ATmega8-16PU

Microchip Technology, Inc
 DIP

ATmega162-16PU

Microchip Technology, Inc
 DIP40

AT91RM9200-CJ-002

Microchip Technology, Inc
 BGA

AT89C2051-12PU

Microchip Technology, Inc
 DIP

ATmega8515L-8PU

Microchip Technology, Inc
 DIP

AT91SAM9G20B-CFU

Microchip Technology, Inc
 247-TFBGA

ATtiny20-XUR

Microchip Technology, Inc
 TSSOP14

AT89LS52-16PU

Microchip Technology, Inc
 DIP

ATtiny12L-4SUR

Microchip Technology, Inc
 SOP8

ATmega324PA-PU

Microchip Technology, Inc

PDIP

ATmega8535-16JU

Microchip Technology, Inc

PLCC44

ATtiny44A-PU

Microchip Technology, Inc

DIP

ATmega162V-8PU

Microchip Technology, Inc

DIP40

AT89C5115-SISUM

Microchip Technology, Inc

PLCC-28

AT91RM9200-QU-002

Microchip Technology, Inc

QFP208