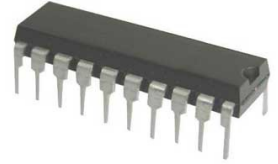


SPLD ATF16V8C Family 250 Gates 8 Macro Cells 62MHz 5V 20-Pin PDIP W Tube



Images are for reference only

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: DIP20

Product Type: Programmable Logic ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

[Inquiry](#)

General Description

A high-performance EECMOS programmable logic device (PLD) based on Atmel's proven electrically erasable flash memory technology. The device supports The device supports speeds down to 5ns and offers a 100 μ A pin-controlled power-down mode option. All speed ranges are specified over the full $5V \pm 10$ percent range for industrial temperature ranges; $5V \pm 5\%$ for commercial range 5-volt devices. The device incorporates a superset of the generic architectures, to replace the 16R8 family and most 20-pin combinatorial PLDs. Eight outputs are each allocated eight product terms. Three software-configurable modes of operation power highly complex logic functions and significantly reduce total system power and power costs, and enhance system reliability.

Key Features

Input or feedback to non registered output time (tpd) of 15ns

Input or feedback setup time of (ts) 12ns

PCI compliant

High reliability CMOS process

20 years data retention and 100 erase/write cycles

Reprogrammable and 100% tested advance flash technology

CMOS and TTL compatible inputs and outputs

Power supply voltage of 5V

Internal feedback frequency of 62MHz

Operating temperature range from -40°C to 85°C

Recommended For You

ATF22LV10C-10XU

Microchip Technology, Inc
TSSOP24

AT17LV256-10PI

Microchip Technology, Inc
DIP8

AT17C256-10PI

Microchip Technology, Inc
DIP

ATF2500C-20KM

Microchip Technology, Inc
JLCC44

AT17LV256-10NU

Microchip Technology, Inc
SOP8

AT17LV256-10PU

Microchip Technology, Inc
DIP8

ATF22V10CZ-12PC

Microchip Technology, Inc
24-DIP0.3007.62mm

AT17LV256-10PC

Microchip Technology, Inc
DIP8

AT17C256-10PU

Microchip Technology, Inc
DIP-8

ATF22LV10CQZ-30SU

Microchip Technology, Inc
SOIC

AT17C128-10PC

Microchip Technology, Inc
DIP-8

ATF22V10CZ-15JI

Microchip Technology, Inc
PLCC-28

ATF1500AL-20JU

Microchip Technology, Inc
PLCC44

AT17LV128-10PI

Microchip Technology, Inc
DIP8

AT17LV65-10PC

Microchip Technology, Inc
DIP8