

## CPLD Classic Family 450 Gates 24 Macro Cells 28.6MHz 5V



Images are for reference only

[Inquiry](#)

**Manufacturer:** [Rochester Electronics Incorporated](#)

**Package/Case:** PLCC

**Product Type:** Programmable Logic ICs

**Lifecycle:** Aftermarket

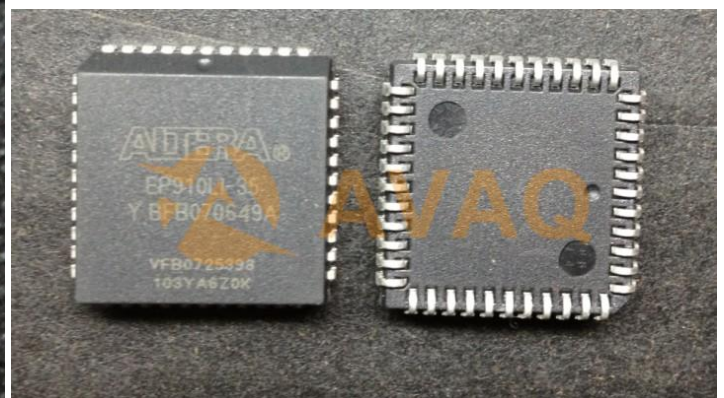
### General Description

The Altera Classic™ device family offers a solution to high-speed, lowpower logic integration. Fabricated on advanced CMOS technology, Classic devices also have a Turbo-only version, which is described in this data sheet.

Classic devices support 100% TTL emulation and can easily integrate multiple PAL- and GAL-type devices with densities ranging from 300 to 900 usable gates. The Classic family provides pin-to-pin logic delays as low as 10 ns and counter frequencies as high as 100 MHz. Classic devices are available in a wide range of packages, including ceramic dual in-line package (CerDIP), plastic dual in-line package (PDIP), plastic J-lead chip carrier (PLCC), ceramic J-lead chip carrier (JLCC), pin-grid array (PGA), and small-outline integrated circuit (SOIC) packages.

EPROM-based Classic devices can reduce active power consumption without sacrificing performance. This reduced power consumption makes the Classic family well suited for a wide range of low-power applications.

Classic devices are 100% generically tested devices in windowed packages and can be erased with ultra-violet (UV) light, allowing design changes to be implemented quickly.



### Recommended For You

**EP610PC-30**

Rochester Electronics Incorporated  
DIP

**EP610PI-30**

Rochester Electronics Incorporated  
DIP24

**EP1810LI-45**

Rochester Electronics Incorporated  
PLCC68

**EP600IPC-45**

Rochester Electronics Incorporated  
DIP

**EP610LC-15**

Rochester Electronics Incorporated  
PLCC28

**EP610PC-35**

Rochester Electronics Incorporated  
DIP

**EP900IPC-50**

Rochester Electronics Incorporated  
DIP40

**EP610LC-35**

Rochester Electronics Incorporated  
PLCC

**EP610LI-30**

Rochester Electronics Incorporated  
PLCC

**EP610DC-30**

Rochester Electronics Incorporated  
CWDIP24

**EP610PC-25T**

Rochester Electronics Incorporated  
DIP

**EP600IDC-45**

Rochester Electronics Incorporated  
DIP

**EP610DC-25**

Rochester Electronics Incorporated  
DIP

**EP910LC-40**

Rochester Electronics Incorporated  
PLCC44

**EP1800ILC-70**

Rochester Electronics Incorporated  
PLCC68