



## Z84C13/Z84C15

### Z80® CMOS EIPC ENHANCED INTELLIGENT PERIPHERAL CONTROLLER

#### GENERAL DESCRIPTION

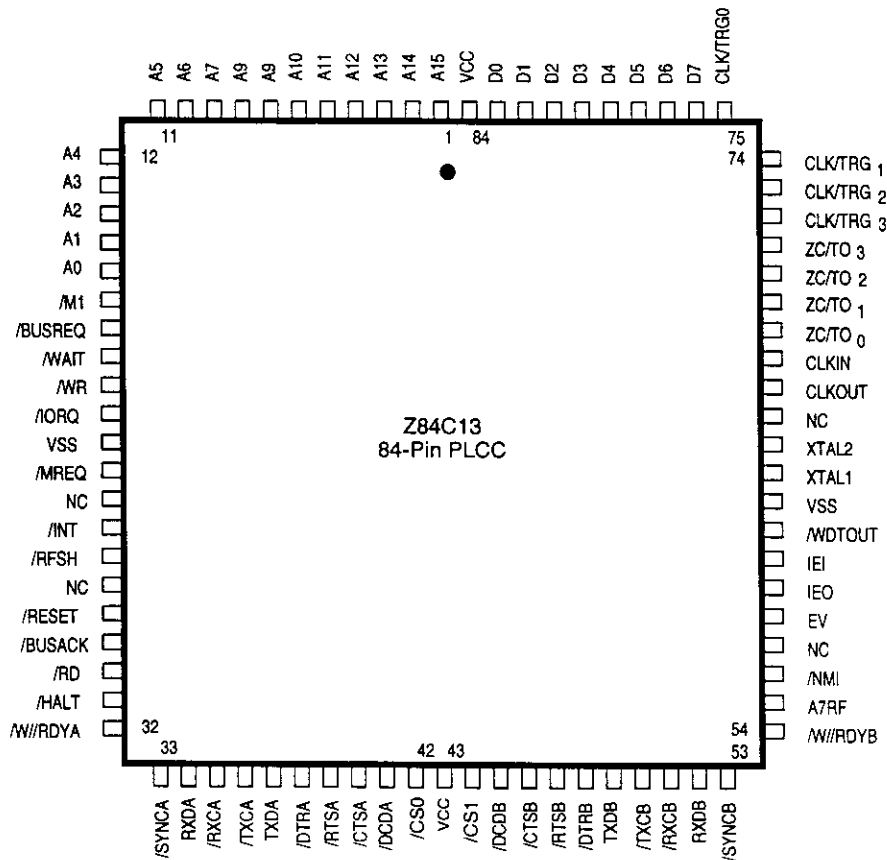
The Enhanced Intelligent Peripheral Controller (EIPC) is a series of highly superintegrated devices. The Z84C15 is a CMOS 8-bit microprocessor integrated with the CTC, SIO, CGC, WDT and the PIO into a single 100-pin Quad Flat Pack (QFP), or 100-pin Very Small Quad Flat Pack (VQFP) package. The Z84C13 is the Z84C15 without PIO, and is housed in a 84-pin PLCC package. These high-end superintegrated intelligent peripheral controllers are targeted for a broad range of applications ranging from error correcting modems to enhancement/cost reductions of existing hardware using Z80® MCU-based discrete peripherals.

#### Notes:

All Signals with a preceding front slash, "/", are active Low, e.g.: B/W (WORD is active Low); /B/W (BYTE is active Low, only).

Power connections follow conventional descriptions below:

Connection	Circuit	Device
Power	V <sub>CC</sub>	V <sub>DD</sub>
Ground	GND	V <sub>SS</sub>



Z84C13 Pin Assignments