



CUSTOMER PROCUREMENT SPECIFICATION

Z88C00/01
CMOS SUPER8®
ROMLESS MCU

GENERAL DESCRIPTION

The CMOS Super8® offers new flexibility and sophistication in 8-bit microcontrollers. The Super8 offers all the features necessary for industrial, consumer, and automotive applications with an enhanced feature set in CMOS technology. At the same time, the CMOS Super8 retains full pin-for-pin compatibility with the NMOS Super8. Available in 48-pin DIP, and 44-, 68-pin PLCC, the CMOS Super8 is the last word in general purpose controllers.

The Super8 features a full-duplex, Universal Asynchronous Receiver/Transmitter (UART) with on-chip baud rate generator, on-chip oscillator, and a Direct Memory Access controller (DMA).

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 _{CC}	V _{DD}
Ground	GND	V _{SS}