

BLOCK DIAGRAM	<table border="1"> <tr><td>4K ROM</td></tr> <tr><td>Z8[®] CPU</td></tr> <tr><td>RAM</td></tr> <tr><td>Counter/Timers</td></tr> <tr><td>WDT</td></tr> <tr><td>P0</td></tr> <tr><td>P1</td></tr> <tr><td>P2</td></tr> <tr><td>P3</td></tr> </table>	4K ROM	Z8 [®] CPU	RAM	Counter/Timers	WDT	P0	P1	P2	P3	<table border="1"> <tr><td>24K ROM</td></tr> <tr><td>Z8[®] CPU</td></tr> <tr><td>RAM</td></tr> <tr><td>Counter/Timers</td></tr> <tr><td>P0</td></tr> <tr><td>P1</td></tr> <tr><td>P2</td></tr> <tr><td>P3</td></tr> </table>	24K ROM	Z8 [®] CPU	RAM	Counter/Timers	P0	P1	P2	P3	<table border="1"> <tr><td>8K OTP/ROM</td></tr> <tr><td>Z8[®] CPU</td></tr> <tr><td>RAM</td></tr> <tr><td>Counter/Timer</td></tr> <tr><td>P0</td></tr> <tr><td>P1</td></tr> <tr><td>P2</td></tr> <tr><td>P3</td></tr> </table>	8K OTP/ROM	Z8 [®] CPU	RAM	Counter/Timer	P0	P1	P2	P3	<table border="1"> <tr><td>2K ROM</td></tr> <tr><td>Z8[®] CPU</td></tr> <tr><td>RAM</td></tr> <tr><td>Counter/Timer</td></tr> <tr><td>WDT</td></tr> <tr><td>P0</td></tr> <tr><td>P2</td></tr> <tr><td>P3</td></tr> </table>	2K ROM	Z8 [®] CPU	RAM	Counter/Timer	WDT	P0	P2	P3
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PART NUMBER	Z8815				Z86C17																																
DESCRIPTION	Keyboard MCU				Mouse MCU																																
PROCESS/SPEED	NMOS: 4, 5 MHz				CMOS: 4 MHz																																
FEATURES	<ul style="list-style-type: none"> ■ 4K ROM ■ 124-Byte RAM ■ 32 I/O Lines ■ Two Counter/Timers ■ Watch-Dog Timer (WDT) ■ RC Oscillator ■ Dedicated Row Column Pins ■ Data/Clock Pins ■ Direct Connect LED Pins 				<ul style="list-style-type: none"> ■ 2K ROM ■ 124-Byte RAM ■ 14 I/O Lines ■ Two Counter/Timers ■ Dedicated Opto-Transistor Pins ■ Integrated Pull-up Resistors ■ Power-Down Modes ■ Power-On Reset (POR) ■ Watch-Dog Timer (WDT) 																																
PACKAGE	40-Pin DIP 44-Pin PLCC				18-Pin DIP 18-Pin SOIC																																
SUPPORT PRODUCTS	Z0861500ZCO - Evaluation Board Z86C1200ZEM - Emulator Z0861500ZDP - Adaptor Kit				Z0860200ZCO - Evaluation Board Z86C1200ZEM - Emulator Z0860200ZDP - Adaptor Kit																																