

BLOCK DIAGRAM				
PART NUMBER	Z8030/Z80C30 Z8530/Z85C30	Z85230/Z80Z30 Z85233	Z16C35	Z85C80
DESCRIPTION	Serial Communication Controller Z8030/Z80C30 = Multiplexed Bus Z8530/Z85C30 = Non-Multiplexed Bus	Enhanced Serial Communication Controller Z85230/Z80Z30 = Dual Channel Z85233 = Single Channel	Integrated Serial Communication Controller	SCSI Serial Communication and Small Computer Interface
PROCESS/SPEED	Z8030/Z8530 = NMOS: 4, 6, 8 MHz Z80C30/Z85C30 = CMOS: 8, 10, 16 MHz Clock: 2, 2.5, 4 Mbit/s	CMOS: 10, 16, 20 MHz Clock: 2.5, 4.0, 5.0 Mbit/s	CMOS: 10, 16 MHz Clock: 2.5, 4.0 Mbit/s	CMOS: 10, 16 MHz Clock: 2.5 Mbit/s
FEATURES	<ul style="list-style-type: none"> ■ Two Independent Full-Duplex Channels ■ Enhanced DMA Support: <ul style="list-style-type: none"> ■ 10x19 Status FIFO ■ 14-Bit Byte Counter ■ NRZ/NRZI/FM Encoding Modes 	<ul style="list-style-type: none"> ■ Full Dual-Channel SCC Plus Deeper FIFOs: <ul style="list-style-type: none"> - 4 Bytes on Transmitters - 8 Bytes on Receivers ■ DPLL Counter Per Channel ■ Software Compatible to SCC 	<ul style="list-style-type: none"> ■ Full Dual-Channel SCC ■ Four DMA Controllers ■ Bus Interface Unit 	<ul style="list-style-type: none"> ■ Two Independent Full-Duplex Channels ■ Direct SCSI Bus Interface ■ Supports SCSI ANSI-X3.131-1986 Standard
PACKAGE	40-Pin DIP 44-Pin CERDIP 44-Pin PLCC	40-Pin DIP 44-Pin PLCC 44-Pin QFP (Z85233 Only)	68-Pin PLCC	68-Pin PLCC 100-Pin VQFF
SUPPORT PRODUCTS	Z8018600ZCO - Evaluation Board Z8523000ZCO - Evaluation Board Z8018100ZCO - Evaluation Board ZEPMD000002 - EPM™ Manual	Z8018600ZCO - Evaluation Board Z8523000ZCO - Evaluation Board Z8038000ZCO - Evaluation Board Z8523000ZCO - Evaluation Board ZEPMD000002 - EPM™ Manual	Z8018600ZCO - Evaluation Board	ZEPMD000002 - EPM™ Manual

