

High-performance, multiple-function products have been added to the family.

8-BIT MICROCOMPUTER HMCS6800 MULTI-CHIP SERIES

The HMCS6800 Multi Chip Family is a systematic family which realizes a simple Computer System and easy system expansion by using convenient MPU's and peripheral LSI's from the full line-up.

The following high-performance, multiple-function products have been added to the HMCS6800 family. HD6802WP . . . MPU with 256 bytes of SRAM (2X that of the HD6802P). HD6809EP . . . high end MPU for multi-microprocessor applications and the HD146818 providing clock and calendar functions as a peripheral LSI.

Peripheral chips implemented in CMOS are under development.

■ LINE-UP OF HMCS6800 MULTI-CHIP PRODUCTS

Division	Type No.	Clock	Function	Compatibility	Package
MPU	HD6800D	1.0MHz	8-Bit Micro Processor	MC6800	DP-40
	HD68A00	1.5MHz		MC68A00	
	HD68B00	2.0MHz		MC68B00	
	HD6802	1.0MHz	Micro Processor + Clock + RAM	MC6802	DP-40
	HD6802W	1.0MHz	Micro Processor + Clock + RAM	Original	DP-40
	HD6809	1.0MHz	High-End 8-Bit Micro Processor	MC6809	DP-40
	HD68A09	1.5MHz		MC68A09	
	HD68B09	2.0MHz		MC68B09	
Peripheral LSI (NMOS)	HD6809E	1.0MHz	High-End 8-Bit Micro Processor	MC6809E	DP-40
	HD68A09E	1.5MHz		MC68A09E	
	HD68B09E	2.0MHz		MC68B09E	
	PIA	HD6821	Peripheral Interface Adapter	MC6821	DP-40
		HD68A21		MC68A21	
		HD68B21		MC68B21	
	ACIA	HD6850	Asynchronous Communication Interface Adapter	MC6850	DP-24
		HD68A50		MC68A50	
	SSDA	HD6852	Synchronous Serial Data Adapter	MC6852	DP-24
		HD68A52		MC68A52	
	COMBO	HD6846	Combination ROM I/O Timer	MC6846	DP-40
	PTM	HD6840	Programmable Timer Module	MC6840	DP-28
		HD68A40		MC68A40	
		HD68B40		MC68B40	
	FDC	HD6843	Floppy Disk Controller	MC6843	DP-40
		HD68A43		MC68A43	
	DMAC	HD6844	Direct Memory Access Controller	MC6844	DP-40
		HD68A44		MC68A44	
		HD68B44		MC68B44	
	CRTC	HD6845	CRT Display Controller	MC6845	DP-40
		HD68A45		MC68A45	
		HD68B45		MC68B45	
		HD6845S	CRT Display Controller	MC6845 ^{☆1}	DP-40
	ADU	HD68A45S		MC68A45 ^{☆1}	
		HD68B45S		MC68B45 ^{☆1}	
		HD46508	Analog Data Acquisition Unit	Original	DP-40
		HD46508-1			
		HD46508A			
		HD46508A-1			
Peripheral LSI (CMOS)	RTC	HD146818	Real Time Clock + RAM	MC146818	DP-24
	PIA	HD6321*	CMOS Peripheral Interface Adapter	Original	DP-40
		HD63A21*			
		HD63B21*			
	ACIA	HD6350*	CMOS Asynchronous Communication Interface Adapter	Original	DP-24
		HD63A50*			
		HD63B50*			
	PTM	HD6340*	CMOS Programmable Timer Module	Original	DP-28
		HD63A40*			
		HD63B40*			

*Under Development.