

Microcomputers and Peripheral ICs

T-49-01

• 4-Bit Single-Chip Microcomputers

Type No.	Process	Supply Voltage (V)	Instruction Time (μ s)	ROM x8	RAM	I/O	Features	Package
μ COM43C Series	CMOS	+5	10	2k	96x4	4 bit x 8		42-pin DIP
				1k	64x4	3 bit		28-pin DIP
				1k	32x4	4 bit x 5 1 bit		
μ COM7500 Series	CMOS	2.7~5.5	20~10	2k	128x4	4 bit x 5	LCD Driver Standby Mode	64-pin Flat
				4k	224x4	3 bit		
				1k	64x4	4 bit x 5 2 bit	Standby	28-pin DIP
				2k	128x4			28-pin DIP
			5	2k	128x4		40-pin DIP	
			4k	224x4		FIP Controller Driver High-Voltage Output	64-pin	
							40-pin	

* Under development

• 8-Bit Single-Chip Microcomputers

Type No.	Process	Supply Voltage (V)	Instruction Time (μ s)	ROM x8	RAM	I/O	Features	Package	
μ COM84 Series	NMOS	+5	8.38	1k	64x8	8 bit x 2 4 bit	Zero Cross High Output Current	28-pin DIP	
				2k				8 bit x 3	40-pin DIP
				1k					
	CMOS		1.36	2k	128x8	Memory & I/O Expandable			
			2.5	1k	64x8				
			2.5	2k	128x8		Standby Mode		
μ COM87 Series	NMOS	+5	2	4k	128x8	8 bit x 6	Expandable Memory 64 kB	64-pin (QUIP)	
			3	6k	64x8				
	1		4k	256x8	44	8 bit A/D Converter 8 bit x 8 bit 16 bit \div 8 bit			

* Under development

• Evaluation Chips for Single-Chip Microcomputers

Type No.	Process	Functions	Package
μ PD7500G	CMOS	Evaluation Chip for μ COM75 Series	64-pin (QUIP)
μ PD8035HLC	NMOS	ROM Less Version of μ PD8048HC	40-pin DIP
μ PD8039HLC		ROM Less Version of μ PD8049C	
μ PD80C35C	CMOS	ROM Less Version of μ PD80C48HC	
μ PD80C39C		ROM Less Version of μ PD80C49C	
μ PD7800G	NMOS	Evaluation Chip for μ PD7801G/7802G	64-pin (QUIP)
* μ PD7810G		Evaluation Chip for μ PD7811G	
μ PD8748D	NMOS	EPROM Version of μ PD8048HC	40-pin DIP
μ PD8749HD	NMOS	EPROM Version of μ PD8049HC	40-pin DIP
* μ PD75CG08E	CMOS	PIGGYBACK Version of μ PD7507/08C	40-pin DIP
* μ PD87PG11E	NMOS	PIGGYBACK Version of μ PD7811G	64-pin (QUIP)

* Under development

• Peripheral ICs

Type No.	Process	Functions	Package
μ PD8253C-5	NMOS	Programmable Interval Timer (Triple 16-bit Timers)	24-pin DIP
μ PD8355C/D	NMOS	2048x8 bit Mask ROM, 16-bit I/O	40-pin DIP