

HMOS Versions

MC6805 (ROM Version)													
Features	SUFFIX												
	P2	P4	P6	S2	S3	T2	R2	R3	U2	U3	K2	L3	L8
No. of Pins	28	28	28	28	28	28	40	40	40	40	40	40	40
RAM (Bytes)	64	112	64	64	96	64	64	112	64	112	96	96	175
User ROM (Bytes)	1110	1110	1804	1480	3720	2508	2048	3776	2048	3776	2048	3720	7752
EEPROM											128	—	—
Bidirectional I/O Lines	20	20	20	14	14	19	24	24	24	24	32	32	32
Unidirectional I/O Lines	0	0	0	7	7	0	8	8	8	8	0	0	0
Special Features SPI				x	x						x	x	x
A-D				x	x		x	x					
PLL						x							
COP				x	x								

MC68705 (EPROM Version)													
		P3			S3			R3		U3			
EPROM (Bytes)		1804			3720			3776		3766			