

MC68HC05E0	0	480								SPI I ² C	4 ch (8-bit)						36 i/o		Non-Mux EBI (16-bit Address) w/3 Chip Selects 8 High Current Pins (24 mA sink) KBI (8 pins), 5 V Only	68 PLCC – FN	N/A	MC68HC05E0/D
MC68HC05E1	4K	368															20 i/o	✓	32 kHz PLL Clock Synthesizer	28 DIP – P 28 SOIC – DW	705E1	HC05E1GRS/D
XC68HC05F2	2K	256								SPI							30 i/o 2 o		DTMF Generator 4 High Current Pins (10 mA sink) KBI (6 pins)	42 SDIP – B 44 QFP – FB	705F6	MC68HC05F6PR/H AN-HK-17
MC68HC05F5	5K	224															30 i/o 1 i	✓	DTMF Receiver Mask IRQ	40 DIP – P 44 PLCC – FN	N/A	MC68HC05F5/D
MC68HC05F6	4K	320								SPI							26 i/o 4 i 2 o		DTMF Generator 8 High Current Pins (10 mA sink) KBI (6 pins)	42 SDIP – B 44 QFP – FB 64 QFP – FU	705F6	MC68HC05F6PR/H AN-HK-12
XC68HC05F8	8K	320								SPI							50 i/o 2 o	✓	DTMF Generator KBI (8 pins) Manchester Encoder/Decoder 8 High Current Pins (10 mA sink)	64 QFP – FU	705F8	MC68HC05F8PR/H
MC68HC05G1	8K	176								SPI	4 ch (8-bit)						40 i/o 8 i	✓	32 kHz PLL – Standby modes	56 SDIP – B 64 QFP – FU	705G1	MC68HC05G1PR/H AN1058/D
MC68HC05G3	24K	768								Dual SPI	8 ch (8-bit)	4 ch (8-bit)					48 i/o 16 i 4 o	✓	KBI (8 pins) Dual Oscillators – Selectable Clock Dual IRQ	80 QFP – FU	705G4	Contact Sales Office AN1058/D
XC68HC05G9	12K	304								PIO 2 SIO	8 ch (8-bit)	4 ch (8-bit)					40 i/o 24 i		KBI (8 pins), Keyboard Controller IDE Interface, Power Management 32 kHz PLL, Host Address Decoder 4 Programmable Chip Selects	160 QFP – FT	705G9	MC68HC05G9PR/H AN-HK-16 AN1058/D
XC68HC05G10	12K	304									5 ch (8-bit)	4 ch (8-bit)					39 i/o 23 i		100 Pin Version of G9, Power Mgmt KBI (8 pins), Keyboard Controller 4 Programmable Chip Selects 32 kHz PLL, Host Address Decoder	100 QFP – FU	705G10	MC68HC05G9PR/H AN-HK-16 AN1058/D
XC68HC05H2	2K	128								SIO		2 ch (8-bit)					16 i/o 4 i 4 o	✓	4 LDMOS Power Output Drivers w/Switch, Driver, and H-Bridge 4 Voltage Compare Channels	40 DIP – P 42 SDIP – B 44 QFP – FB	705H2	MC68HC05H2TS/D
XC68HC05I8	8K	224								Dual SIO							42 i/o	✓	68000 Interface Module Receiver Wake-up	64 QFP – FU 68 PLCC – FN	705I8	MC68HC05I8/D
MC68HC05J1	1K	64															14 i/o	✓		20 DIP – P 20 SOIC – DW	705J2	MC68HC05J1/D
MC68HC05J1A	1K	64															14 i/o	✓	KBI (4 pins) 4 High Current Pins (8 mA sink) Mask Option Pulldowns (14 pins)	20 DIP – P 20 SOIC – DW		MC68HC05J1A/D
XC68HC05J3	2K	128															14 i/o	✓	14 High Current Pins (8 mA sink) KBI (4 pins)	20 DIP – P 20 SOIC – DW	705J3	MC68HC05J3/D
XC68HC05K0	0.5K	32															10 i/o	✓	4 High Current Pins (8 mA sink) Programmable Pulldowns (10 pins)	16 DIP – P 16 SOIC – DW	705K1	MC68HC05K1/D AN463/D