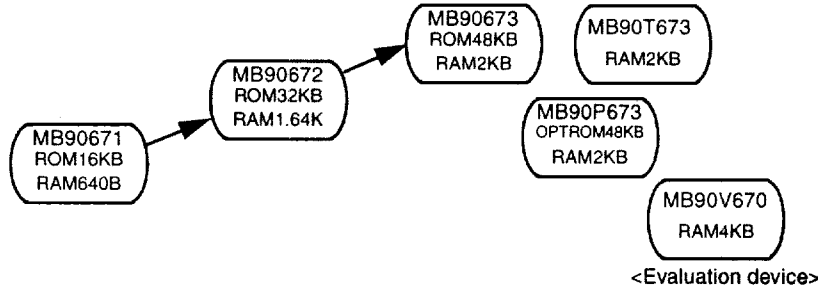


■ F²MC-16L Family Standard Products

MB90670 Series

Standard products (For mechanical electronics control, automobile ABS control, AV equipment, high level home appliances.)



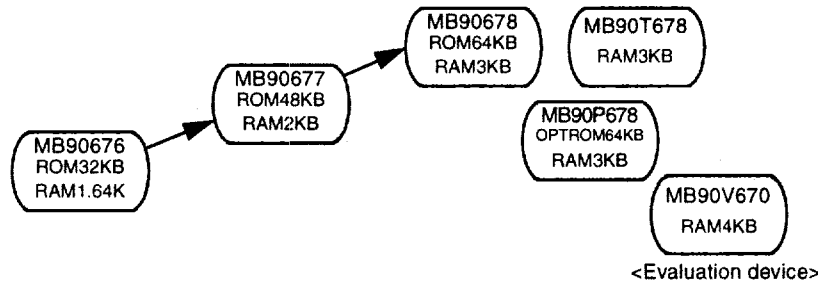
- Maximum internal clock frequency: 16 MHz
- Minimum execution time: 62.5 ns
- Operating temperature range: -40°C to +85°C

Part Number	Operating Voltage (V)	Package			Functions
		QFP	SQFP	PGA	
MB90671	+2.7 to +5.5	80P	80P		I/O ports: 65 Max. Timer/Counter: 16-bit × 2ch. Time-base timer: 18-bit × 1 PPG timer: 8-bit × 2ch. (16-bit × 1ch.) Watchdog timer: 2-bit × 1 UART: 2ch. Real time I/O: 24-bit × 4ch. input capture unit (ICU) 24-bit × 8ch. output compare unit (OCU) Analog section: 10/8-bit × 8ch. A/D converter External interrupts: 4 Low power modes: Sleep, Stop, Pseudo-timer, CPU intermittent operation PLL clock multiplier
MB90672		80P	80P		
MB90673		80P	80P		
MB90T673		80P	80P		
MB90P673		80P	80P		
MB90V670				256C	

Packages: P - Plastic, C - Ceramic

MB90675 Series

Standard products (For mechanical electronics control, automobile ABS control, AV equipment, high level home appliances.)



- Maximum internal clock frequency: 16 MHz
- Minimum execution time: 62.5 ns
- Operating temperature range: -40°C to +85°C

Part Number	Operating Voltage (V)	Package			Functions
		QFP	SQFP	PGA	
MB90676	+2.7 to +5.5	100P	100P		I/O ports: 84 Max. Timer/counter: 16-bit × 2ch. Time-base timer: 18-bit × 1 PPG timer: 8-bit × 2ch. (16-bit × 1ch.) Watchdog timer: 2-bit × 1 UART: 2ch. I ² C bus interface: 1ch. Real time I/O: 24-bit × 4ch. input capture unit (ICU) 24-bit × 8ch. output compare unit (OCU) Analog section: 10/8-bit × 8ch. A/D converter External interrupts: 4 Low power modes: Sleep, Stop, Pseudo-timer, CPU intermittent operation PLL clock multiplier
MB90677		100P	100P		
MB90678		100P	100P		
MB90T678		100P	100P		
MB90P678		100P	100P		
MB90V670				256C	

Packages: P - Plastic, C - Ceramic

