

Product Lineup

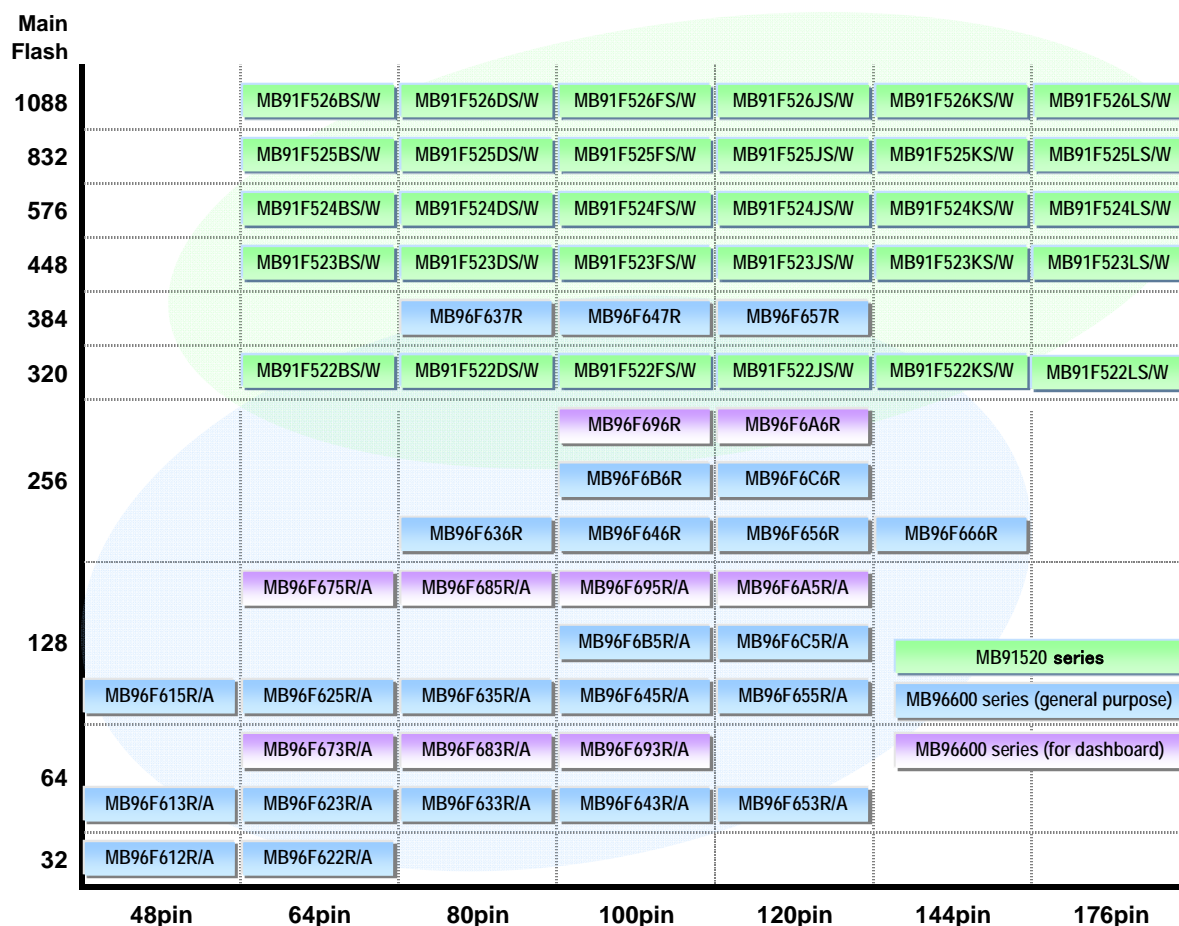


Figure 1. Microcontroller Line-up for Automobile

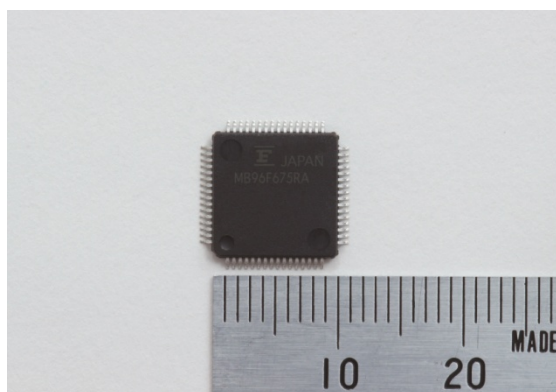


Figure 2. Photo of MB96F675RA

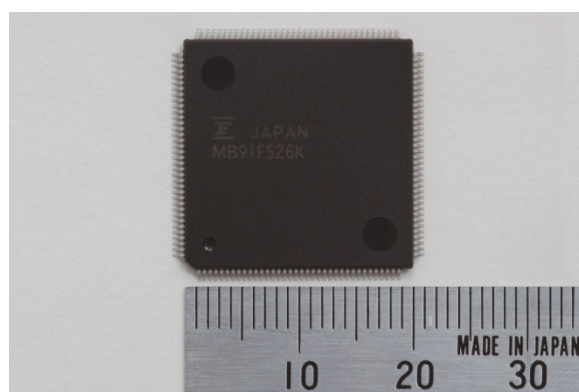


Figure 3. Photo of MB91F526K

Main Feature MB96670 series

		MB96F673R	MB96F675R
CPU Core		16bit CISC CPU F ² MC-16FX	
Memories	Dual Operation Flash	64KB+32KB	128KB+64KB
	RAM	4KB	
Communication	CAN	32Msg:1ch	
	Serial	2ch(LIN, USART, SIO) + 1ch(I ² C)	
Analog		A/D Converter:12ch(8/10bit)	
Timer	General purpose Timer	16bit ReloadTimer:2ch 16bit PPG Timer:4ch(8bit PPG Timer:8ch) 16bit Free-run Timer:2ch(Input Capturex4ch)	
	Real Time Clock	1ch(Day, Hour, Minute, Second)	
	Watchdog	1ch	
LCD Controller		24seg x 4	
Stepping Motor Controller		2ch	
Sound Generator		1ch	
Package		LQFP	
		64-pin, 0.5mm pitch, 10mmX10mm	

Main Feature MB91520K series

		MB91F525K	MB91F526K
CPU Core		32bit RISC CPU FR81S	
Memories	Main Flash	832KB	1088KB
	Work Flash	64KB	
	RAM	96KB	128KB
Bus Interface		Address:22bit, Data:16bit	
Communication	CAN	128Msg:1ch + 64Msg:2ch	
	Multi Function Serial	12ch(LIN/USART/CSI0/I ² C)	
Analog		A/D Convertor:28ch(12bit) + 16ch(12bit), D/A Convertor:2ch	
Timer	General purpose Timer	16 bit ReloadTimer:8ch, 16bit Base Timer:2ch, 16bit PPG Timer:42ch, 16bit Free-run Timer:3ch, 16bit Input Capture:4ch, 16bit Output Compare:6ch, 32bit Free-run Timer:3ch, 32bit Input Capture:6ch, 32bit Output Compare:6ch, 8/16bit Up Down Counter:2ch	
	Real Time Clock	1ch(Day, Hour, Minute, Second)	
	Watchdog	2ch	
Wavefome Generator		1unit	
Package		LQFP	
		144-pin, 0.5mm pitch, 20mmX10mm	