

● Built-in medium voltage output port type

MICRO-COMPUTERS

Series name	Memory size (byte)		Shortest instruction execution time (μs)	Power supply voltage (V)	I/O ports (number)	Pins (number)		Functions											Operating temperature (°C)	Type No.	Corresponding EPROM-version	
	ROM (word × 10-bit)	RAM (word × 4-bit)				SP / P	FP / GP	A-D conversion	LED direct drive	Serial I/O	Low power operation	RAM backup	Zero-crossdetect circuit	Reset circuit	Realtime output	Timer (number)	Watchdog timer	External interrupt input (number)				
4500	6144	384	0.75	4.5 to 5.5	31	64 / -	64 / -	●	●	●	●	●	●	-	2	4	-	3	-20 to 85	M34520M6A	M34520E8SS M34520E8FS	
			2.0	2.2 to 5.5				●	●	●	●	●	●	-	2	4	-	3				
	8192	384	0.75	4.5 to 5.5	31	64 / -	64 / -	●	●	●	●	●	●	-	2	4	-	3	-20 to 85	M34520M8A	M34520E8SS M34520E8FS	
			2.0	2.2 to 5.5				●	●	●	●	●	●	-	2	4	-	3				
	8192	384	0.75	4.5 to 5.5	31	64 / -	64 / -	●	●	●	●	●	●	-	2	4	-	3	-20 to 85	M34520E8	M34520E8SS M34520E8FS	
			2.0	2.5 to 5.5				●	●	●	●	●	●	-	2	4	-	3				
	2048	128	0.5	4.5 to 5.5	24	32 / -	36 / -	●	●	●	●	●	●	●	●	1	4	●	2	-20 to 85	M34510M2	M34510E8SS
			0.75	4.0 to 5.5				●	●	●	●	●	●	●	1	4	●	2				
			1.5	2.5 to 5.5				●	●	●	●	●	●	●	1	4	●	2				
	4096	256	0.5	4.5 to 5.5	24	32 / -	36 / -	●	●	●	●	●	●	●	●	1	4	●	2	-20 to 85	M34510M4	M34510E8SS
			0.75	4.0 to 5.5				●	●	●	●	●	●	●	1	4	●	2				
			1.5	2.5 to 5.5				●	●	●	●	●	●	●	1	4	●	2				
8192	384	0.5	4.5 to 5.5	24	32 / -	36 / -	●	●	●	●	●	●	●	1	4	●	2	-20 to 85	M34510E8	M34510E8SS		
		0.75	4.0 to 5.5				●	●	●	●	●	●	1	4	●	2						
		1.5	2.5 to 5.5				●	●	●	●	●	●	●	1	4	●	2					
4096	256	0.75	4.0 to 5.5	20	- / -	36 / -	●	●	-	●	●	-	●	-	2	●	1	-20 to 85	M34515M4	M34515E4FP One-time PROM version		
		1.5	2.5 to 5.5				●	●	-	●	●	-	2	●	1							
		2.0	2.0 to 5.5				●	●	-	●	●	-	2	●	1							
4096	256	0.75	4.0 to 5.5	20	- / -	36 / -	●	●	-	●	●	-	●	-	2	●	1	-20 to 85	M34515E4			
		1.5	2.5 to 5.5				●	●	-	●	●	-	2	●	1							

* : 720 Series are "Word by 9-bit"