

● Standard type

Memory type	Memory size (byte)		Type No.	Package	Operating voltage range (V)	Operating temperature range (°C)
	ROM	RAM				
Mask ROM	8K	384	M38002M2-XXXSP	64P4B	3.0 to 5.5	-20 to 85
			M38002M2-XXXFP	64P6N-A		
One time PROM			M38002E2-XXXSP	64P4B		
			M38002E2-XXXFP	64P6N-A		
Mask ROM	16K	384	M38002M4-XXXSP	64P4B	3.0 to 5.5	-20 to 85
			M38002M4-XXXFP	64P6N-A		
One time PROM			M38002E4-XXXSP	64P4B		
			M38002E4-XXXFP	64P6N-A		
Mask ROM	24K	512	M38003M6-XXXSP	64P4B	3.0 to 5.5	-20 to 85
			M38003M6-XXXFP	64P6N-A		
			M38003M6-XXXHP	64P6D-A		
Mask ROM	32K	640	M38004M8-XXXSP	64P4B	3.0 to 5.5	-20 to 85
			M38004M8-XXXFP	64P6N-A		
One time PROM			M38004E8-XXXSP	64P4B		
			M38004E8-XXXFP	64P6N-A		
EPROM			M38004E8SS	64S1B		
	M38004E8FS	64D0				
External ROM	External	384	M38002SSP	64P4B	3.0 to 5.5	-20 to 85
			M38002SFP	64P6N-A		

* Contact us for products meeting operating temperature range requirements of -40 to 85°C.

● Built-in A-D/D-A converter type

Memory type	Memory size (byte)		Type No.	Package	Operating voltage range (V)	Operating temperature range (°C)	
	ROM	RAM					
Mask ROM	8K	384	M38022M2-XXXSP	64P4B	3.0 to 5.5	-20 to 85	
			M38022M2-XXXFP	64P6N-A			
		16K	384	M38022M4-XXXSP			64P4B
			M38022M4-XXXFP	64P6N-A			
One time PROM	32K	1024	M38024M6-XXXSP	64P4B	3.0 to 5.5	-20 to 85	
			M38024M6-XXXFP	64P6N-A			
			M38027M8-XXXSP	64P4B			
			M38027M8-XXXFP	64P6N-A			
			M38027E8-XXXSP	64P4B			
EPROM			M38027E8-XXXFP	64P6N-A			
			M38027E8SS	64S1B			
			M38027E8FS	64D0			
Mask ROM	16K	384	M38062M4-XXXFP	80P6N-A	3.0 to 5.5	-20 to 85	
			M38062M4-XXXGP	80P6S-A			
				M38063M6-XXXFP			80P6N-A
			M38063M6-XXXGP	80P6S-A			
One time PROM	24K	512	M38063M6A-XXXFP	80P6N-A	2.7 to 5.5	-20 to 85	
			M38063M6A-XXXGP	80P6S-A			
			M38063M6A-XXXHP	80P6D-A			
			M38063E6-XXXFP	80P6N-A			
			M38063E6-XXXGP	80P6S-A			
Mask ROM	32K	1024	M38067M8-XXXFP	80P6N-A	3.0 to 5.5	-20 to 85	
			M38067M8-XXXGP	80P6S-A			
			M38067M8A-XXXFP	80P6N-A			
			M38067M8A-XXXGP	80P6S-A			
							M38067MC-XXXFP
One time PROM	48K	1024	M38067MC-XXXGP	80P6S-A	3.0 to 5.5	-20 to 85	
				M38067MCAX-XXXFP			80P6N-A
				M38067MCAX-XXXGP			80P6S-A
				M38067EC-XXXFP			80P6N-A
				M38067EC-XXXGP			80P6S-A
EPROM			M38067ECA-XXXFP	80P6N-A	2.7 to 5.5	-20 to 85	
			M38067ECA-XXXGP	80P6S-A	2.7 to 5.5	-20 to 85	
			M38067ECAFS	80D0	2.7 to 5.5	-20 to 85	

● Built-in A-D/D-A converter type (Continued)

Memory type	Memory size (byte)		Type No.	Package	Operating voltage range (V)	Operating temperature range (°C)			
	ROM	RAM							
Mask ROM	16K	512	M38073M4-XXXFP	★ 80P6N-A	2.7 to 5.5	-20 to 85			
One time PROM	16K	512	M38073E4-XXXFP	★ 80P6N-A					
	60K	2048	M38079E4-XXXFP	★★ 80P6N-A					
EPROM	16K	512	M38073E4FS	★ 80D0	2.7 to 5.5	-20 to 85			
			60K	2048			M38079E4FS	★ 80D0	
Mask ROM	16K	512	M38503M4-XXXHP	★★ 42P2R	2.7 to 5.5	-20 to 85			
One time PROM	16K	512	M38503E4-XXXHP	★★ 42P2R					
Mask ROM	16K	512	M38513M4-XXXHP	★★ 42P2R					
One time PROM	16K	512	M38513E4-XXXHP	★★ 42P2R	2.7 to 5.5	-20 to 85			
Mask ROM	8K	256	M37451M4-XXXSP	64P4B	5 ± 10%	-20 to 85			
			M37451M4-XXXFP	80P6N-A					
			M37451M4-XXXGP	80P6S-A					
		16K	384	M37451M8-XXXSP			64P4B		
				M37451M8-XXXFP			80P6N-A		
One time PROM			M37451M8-XXXGP	80P6S-A					
						M37451E8-XXXSP	64P4B		
						M37451E8-XXXFP	80P6N-A		
EPROM			M37451E8-XXXGP	80P6S-A					
						M37451E8SS	64S1B		
						M37451E8FS	80D0		
Mask ROM	24K	512	M37451MC-XXXSP	64P4B	5 ± 10%	-20 to 85			
			M37451MC-XXXFP	80P6N-A					
			M37451MC-XXXGP	80P6S-A					
								M37451EC-XXXSP	64P4B
								M37451EC-XXXFP	80P6N-A
EPROM			M37451EC-XXXGP	80P6S-A					
						M37451ECSS	64S1B		
						M37451ECFS	80D0		
External ROM	External	1024	M37451SSP	64P4B					
			M37451SFP	80P6N-A					
			M37451SGP	80P6S-A					

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