

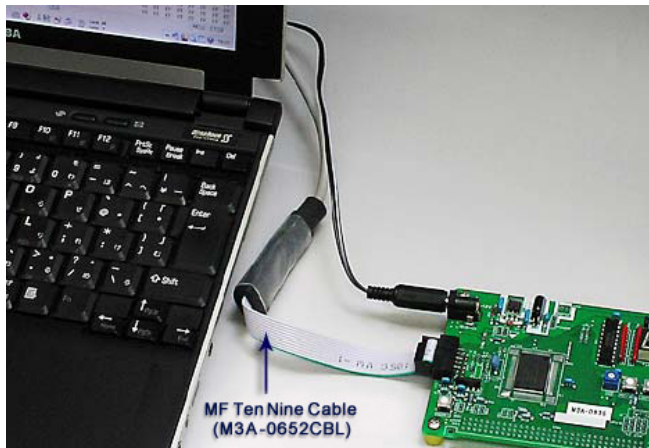
M3A-0806

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M16C Flash Starter for M16C Family, R8C Family, and 740 Family

Flash Memory Programmer for Standard Serial I/O Mode 2 (UART)

Applicable MCUs

[M16C Family](#) [R8C Family](#) [740 Family](#)

Family	Series	Group	Part No.			
M16C	M32C/80	M32C/83	M30833FJFP/GP	M30835FJGP	-	
			M30843FHFP/GP	M30843FJFP/GP	M30843FWFP/GP	
		M32C/84	M30845FHGP	M30845FJGP	M30845FWGP	
			M30853FHFP/GP	M30853FJFP/GP	M30853FWFP/GP	
		M32C/85	M30855FHGP	M30855FJGP	M30855FWGP	
			M30865FJGP	-	-	
		M32C/86	M32C/87	M30873FHGP	M30875FHGP	M30876FJGP
				M30878FJGP	M30879FKGP	M30879FLFP/GP
				M3087BFKGP	M3087BFLGP	M30873FHAGP
				M30875FHAGP	M30876FJAGP	M30878FJAGP
				M30879FKAGP	M30879FLAFGP	M3087BFKAGP
				M3087BFLAGP	M30873FHBGP	M30875FHBGP
				M30876FJBGP	M30878FJBGP	M30879FKBGP
				M30879FLBFP/GP	M3087BFKBGP	M3087BFLBGP
	M16C/80	M16C/80	M30800FCFP/GP	M30802FCGP	M30803FGFP/GP	
			M30805FGGP	M30800SFP-BL	M30800SGP-BL	
			M30802SGP-BL	M30803SFP-BL	M30803SGP-BL	
			M30805SGP-BL	-	-	
	M16C/60	M16C/62A	M30620FCAFP/GP	M30621FCAGP	M30624FGAFP/GP	
			M30625FGAGP	M30620FCTFP	M30621FCTFP	
			M30624FGTFP	M30625FGTFP	M30620FCUFP	
			M30621FCUFP	M30624FGUFP	M30625FGUFP	
			M30620FCMFP/GP	M30621FCMGP	M30624FGMFP/GP	
		M16C/62M	M30625FGMGP	-	-	
			M3062GF8NFP/GP	M30620FCNFP/GP	M30621FCNGP	
		M16C/62N	M30624FGNFP/GP	M30625FGNGP	-	
			M30624FGPPFP/GP	M30625FGPPGP	M30626FHPFP/GP	
		M16C/62P	M30626FJPFP/GP	M30627FHPGP	M30627FJPGP	
			M306N4FCTFP	M306N4FGTFP	M306N5FCTFP	
		M16C/6N	M306NAFGTFP	M306NBFGTFP	M306NKFJTGP	
			M306NKJVGP	M306NMFHTGP	M306NMFJTGP	
			M306NMFHVGP	M306NMFIVGP	-	

	M16C/6S	M306S0FAGP	-	-
M16C/30	M16C/30P	M30302FAPFP/GP	M30302FCFPFP/GP	M30302FEPFP/GP
M16C/Tiny	M16C/26	M30262F3GP	M30262F4GP	M30262F6GP
		M30262F8GP	-	-
	M16C/26A	M30260F3AGP	M30260F4AGP	M30260F6AGP
		M30260F8AGP	M30263F3AFP	M30263F4AFP
		M30263F6AFP	M30263F8AFP	-
		* Used to T-Version and V-Version.		
	M16C/28	M30280F6HP	M30280F8HP	M30280FAHP
		M30281F6HP	M30281F8HP	M30281FAHP
		* Used to T-Version and V-Version.		
	M16C/29	M30290F8HP	M30290FAHP	M30290FCHP
M30291F8HP		M30291FAHP	M30291FCHP	
* Used to T-Version and V-Version.				
M16C/10	M16C/1N	M301N2F8TFP	-	-

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Family	Series	Group	Part No.			
R8C	R8C/1x	R8C/10	R5F21102FP	R5F21103FP	R5F21104FP	
		R8C/11	R5F21112FP	R5F21113FP	R5F21114FP	
		R8C/12	R5F21122FP	R5F21123FP	R5F21124FP	
		R8C/13	R5F21132FP	R5F21133FP	R5F21134FP	
		R8C/14	R5F21142SP	R5F21143SP	R5F21144SP	
		R8C/15	R5F21152SP	R5F21153SP	R5F21154SP	
		R8C/16	R5F21162SP	R5F21163SP	R5F21164SP	
		R8C/17	R5F21172SP	R5F21173SP	R5F21174SP	
		R8C/18	R5F21181	R5F21182	R5F21183	
			R5F21184	-	-	
		R8C/19	R5F21191	R5F21192	R5F21193	
			R5F21194	-	-	
		R8C/1A	R5F211A1	R5F211A2	R5F211A3	
			R5F211A4	-	-	
		R8C/1B	R5F211B1	R5F211B2	R5F211B3	
			R5F211B4	-	-	
		R8C/2x	R8C/20	R5F21206	R5F21207	R5F21208
				R5F2120A	R5F2120C	-
	R8C/21		R5F21216	R5F21217	R5F21218	
			R5F2121A	R5F2121C	-	
	R8C/22		R5F21226	R5F21227	R5F21228	
			R5F2122A	R5F2122C	-	
	R8C/23		R5F21236	R5F21237	R5F21238	
			R5F2123A	R5F2123C	-	
	R8C/24		R5F21244	R5F21246	R5F21247	
			R5F21248	-	-	
	R8C/25		R5F21254	R5F21256	R5F21257	
			R5F21258	-	-	
	R8C/26		R5F21262	R5F21264	R5F21265	
	R8C/27		R5F21272	R5F21274	R5F21275	
			R5F21276	-	-	
	R8C/28		R5F21282	R5F21284	-	
	R8C/29		R5F21292	R5F21294	-	
	R8C/2A		R5F212A7	R5F212A8	R5F212AA	
			R5F212AC	-	-	
	R8C/2B	R5F212B7	R5F212B8	R5F212BA		
		R5F212BC	-	-		
	R8C/2C	R5F212C7	R5F212C8	R5F212CA		
		R5F212CC	-	-		
	R8C/2D	R5F212D7	R5F212D8	R5F212DA		
		R5F212DC	-	-		
	R8C/3x	R8C/32A	R5F21321A	R5F21322A	R5F21324A	
		R8C/32C	R5F21321C	R5F21322C	R5F21324C	
		R8C/32D	R5F21321D	R5F21322D	R5F21324D	
			R5F21331A	R5F21332A	R5F21334A	
		R8C/33A	R5F21331A	R5F21332A	R5F21334A	
			R5F21335A	R5F21336A	-	
		R8C/33C	R5F21331C	R5F21332C	R5F21334C	
			R5F21335C	R5F21336C	-	
		R8C/33D	R5F21331D	R5F21332D	R5F21334D	
			R5F21335D	R5F21336D	-	
		R8C/33T	R5F21334T	R5F21335T	R5F21336T	
		R8C/34C	R5F21344C	R5F21345C	R5F21346C	
		R8C/34E	R5F21346E	R5F21347E	R5F21348E	
			R5F2134AE	R5F2134CE	-	
		R8C/34F	R5F21346F	R5F21347F	R5F21348F	
			R5F2134AF	R5F2134CF	-	
R8C/34G	R5F21346G	R5F21347G	R5F21348G			

		R5F2134AG	R5F2134CG	-
R8C/34H		R5F21346H	R5F21347H	R5F21348H
		R5F2134AH	R5F2134CH	-
R8C/35A		R5F21354A	R5F21355A	R5F21356A
		R5F21357A	R5F21358A	R5F2135AA
		R5F2135CA	-	-
R8C/35C		R5F21354C	R5F21355C	R5F21356C
		R5F21357C	R5F21358C	R5F2135AC
		R5F2135CC	-	-
R8C/35D		R5F21354D	R5F21355D	R5F21356D
R8C/36A		R5F21364A	R5F21365A	R5F21366A
		R5F21367A	R5F21368A	R5F2136AA
		R5F2136CA	-	-
R8C/36C		R5F21364C	R5F21365C	R5F21366C
		R5F21367C	R5F21368C	R5F2136AC
		R5F2136CC	-	-
R8C/36E		R5F21368E	R5F2136AE	R5F2136CE
R8C/36F		R5F21368F	R5F2136AF	R5F2136CF
R8C/36G		R5F21368G	R5F2136AG	R5F2136CG
R8C/36H		R5F21368H	R5F2136AH	R5F2136CH
R8C/38A		R5F21386A	R5F21387A	R5F21388A
		R5F2138AA	R5F2138CA	-
R8C/38C		R5F21386C	R5F21387C	R5F21388C
		R5F2138AC	R5F2138CC	-
R8C/38E		R5F21388E	R5F2138AE	R5F2138CE
R8C/38F		R5F21388F	R5F2138AF	R5F2138CF
R8C/38G		R5F21388G	R5F2138AG	R5F2138CG
R8C/38H		R5F21388H	R5F2138AH	R5F2138CH
R8C/3GA		R5F213G2A	R5F213G4A	R5F213G5A
		R5F213G6A	-	-
R8C/3GC		R5F213G2C	R5F213G4C	R5F213G5C
		R5F213G6C	-	-
R8C/3GD		R5F213G1D	R5F213G2D	R5F213G4D
		R5F213G5D	R5F213G6D	-
R8C/3JA		R5F213J2A	R5F213J4A	R5F213J5A
		R5F213J6A	-	-
R8C/3JC		R5F213J2C	R5F213J4C	R5F213J5C
		R5F213J6C	-	-
R8C/Lx	R8C/L35A	R5F2L357A	R5F2L358A	R5F2L35AA
		R5F2L35CA	-	-
	R8C/L35B	R5F2L357B	R5F2L358B	R5F2L35AB
		R5F2L35CB	-	-
	R8C/L35C	R5F2L357C	R5F2L358C	R5F2L35AC
		R5F2L35CC	-	-
	R8C/L36A	R5F2L367A	R5F2L368A	R5F2L36AA
		R5F2L36CA	-	-
	R8C/L36B	R5F2L367B	R5F2L368B	R5F2L36AB
		R5F2L36CB	-	-
	R8C/L36C	R5F2L367C	R5F2L368C	R5F2L36AC
		R5F2L36CC	-	-
	R8C/L38A	R5F2L387A	R5F2L388A	R5F2L38AA
		R5F2L38CA	-	-
	R8C/L38B	R5F2L387B	R5F2L388B	R5F2L38AB
		R5F2L38CB	-	-
	R8C/L38C	R5F2L387C	R5F2L388C	R5F2L38AC
		R5F2L38CC	-	-
	R8C/L3AA	R5F2L3A7A	R5F2L3A8A	R5F2L3AAA
		R5F2L3ACA	-	-
R8C/L3AB	R5F2L3A7B	R5F2L3A8B	R5F2L3AAB	
	R5F2L3ACB	-	-	
R8C/L3AC	R5F2L3A7C	R5F2L3A8C	R5F2L3AAC	
	R5F2L3ACC	-	-	

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Family	Series	Group	Part No.
740	38000/740	3803L	M38039FFLSP/HP/KP/WG
		3804L	M38039FFLSP/HP/KP/WG
		3850A	M38507F8ASP/FP
		3850H	M38507F8SP/FP
		3851	M38517F8SP/FP
		38D2	M38D29FFFP/HP
		38D5	M38D59FFFP/HP
		7516	M37516F8HP
		7542	M37542F8SP/FP/GP

M37542F8HP (For development. Only ES product. MP:no plan)

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M3A-0806 Includes

Hardware

High-speed Serial Cable: MF Ten Nine Cable (M3A-0652CBL)

- Operating Voltage: 3.0V to 5.5V
- Built-in RS-232C driver
- Includes 9-pin D-SUB to 2.54 mm pitch, 10-pin connector (Connector part number: HIF3BA-10D-2.54)
- Size: approx. 1m

Windows PC Software (CD-ROM)

You can download the latest version of the bundled software from a "downloads" button in the left navigation on this page.

M16C Flash Starter Software (For Windows 95 / Windows 98 (98SE) / Windows 2000 / Windows XP)

Documentation (CD-ROM)

- M16C Flash Starter User's Manual
- M16C Family Circuit Example for Reference Use
 - [M16C Family 80PIN Example Circuit Rev.1.20 \(PDF: 253KB\)](#)
 - [M16C Family 100PIN \(FP Type\) Example Circuit Rev.1.30 \(PDF: 281KB\)](#)
 - [M16C Family 100PIN \(GP Type\) Example Circuit Rev.1.30 \(PDF: 281KB\)](#)
 - [M16C Family 128PIN Example Circuit Rev.1.30 \(PDF: 313KB\)](#)
 - [M16C Family 144PIN Example Circuit Rev.1.30 \(PDF: 289KB\)](#)
 - [R8C/Tiny Series 20PIN Example Circuit Rev.1.20 \(PDF: 285KB\)](#)
 - [R8C/Tiny Series 32PIN Example Circuit Rev.1.20 \(PDF: 251KB\)](#)
 - [M16C/Tiny Series 80PIN Example Circuit Rev.1.20 \(PDF: 330KB\)](#)
 - [M16C/6S 64PIN Example Circuit Rev.1.20 \(PDF: 240KB\)](#)
- 740 Family Circuit Example for Reference Use
 - [M38039FFLSP/HP/KP/WG 64PIN Example Circuit Rev.1.10 \(PDF: 238KB\)](#)
 - [M38049FFLSP/HP/KP/WG 64PIN Example Circuit Rev.1.20 \(PDF: 239KB\)](#)
 - [M38507F8SP/FP, M38517F8SP/FP, M38507F8ASP/FP Example Circuit Rev.1.20 \(PDF: 229KB\)](#)
 - [M37516F8HP 48PIN Example Circuit Rev.1.20 \(PDF: 229KB\)](#)
 - [M37542F8FP 36PIN Example Circuit Rev.1.20 \(PDF: 255KB\)](#)
 - [M37542F8GP/SP 32PIN Example Circuit Rev.1.20 \(PDF: 266KB\)](#)

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