

Self RAM list of Flash Self-Programming Library for RL78 Family

This document is a list of Self RAM area which are needed when using the following library (European Release/Japanese Release) of RL78 Family. Target region of "European Release" and "Japanese Release" differs.

●European Release  
Target region:  
Americas/ Brazil/ Europe/ Middle East/ Africa

Library <sup>Note</sup>	Representation in List
Flash Self-programming Library Type T01	FSL T01
Data Flash Access Library Type T04 (Pico)	FDL T04
Data Flash Access Library FDL - T01	FDL T01
Data Flash Access Library Type T02 (Tiny)	FDL T02
EEPROM Emulation Library EEL - T01	EEL T01
EEPROM Emulation Library Type T02 (Tiny)	EEL T02

●Japanese Release  
Target region:  
Japan/ Mainland China/ Hong Kong/ Singapore/ South & Southeast Asia/ Oceania/ India/ South Korea/ Taiwan

Library <sup>Note</sup>	Representation in List
Flash Self-programming Library (Code Flash Library) Type01	FSL Type01
Data Flash Library Type04	FDL Type04
EEPROM Emulation Library Pack01	EEL Pack01
EEPROM Emulation Library Pack02	EEL Pack02

Note: Do not allocate the stack area, data buffers for use by the flash library, arguments of library functions, branch destinations in the processing of vectored interrupts, or destinations or sources for DMA transfer to the area from FFE20H to FFEFDH when performing Self-programming or rewriting of the data flash memory.

→ Since MCU has a dedicated area for Self RAM, reservation of Self RAM area is unnecessary.

MCU Group	Memory size (bytes)			Self RAM areas <sup>note1</sup>							Target MCU name		
	Code flash memory	RAM	Data flash memory	FSL T01 FSL Type01 Self RAM size 1Kbytes	FDL T04 FDL Type04 Self RAM size 136bytes	FDL T01 Self RAM size 192bytes	FDL T02 Self RAM size 160bytes	EEL T01 EEL Pack01 Self RAM size 102bytes (max) <sup>note2</sup>	EEL Pack02 Self RAM size 384bytes (max) <sup>note3</sup>	EEL T02 Self RAM size 384bytes (max) <sup>note3</sup>			
RL78/D1A	24K	2K	8K	-	-	-	-	-	-	-	R5F10CGB		
	32K	2K	8K	-	-	-	-	-	-	-	R5F10CGC, R5F10DGC		
	48K	3K	8K	-	<sup>note4</sup>	-	-	-	-	-	R5F10CxD (x = G, L, M), R5F10DxD (x = G, L, M)		
	64K	4K	8K	FEF00H- FF2FFH	<sup>note5</sup>	FEF00H- FEF87H	FEF00H- FEFBFH	FEF00H- FEF9FH	FEF00H- FF2FDH	FEF00H- FF07FH	FEF00H- FF07FH	R5F10CME, R5F10DxE (x = G, L, M)	
	64K	4K	8K	-	-	-	-	-	-	-	-	R5F10DPE	
	96K	6K	8K	-	-	-	-	-	-	-	-	R5F10DMF, R5F10DPF	
	128K	8K	8K	-	-	-	-	-	-	-	-	R5F10DMG, R5F10DPG	
	256K	16K	8K	FBF00H- FC2FFH	<sup>note5</sup>	FBF00H- FBF87H	FBF00H- FBFBFH	FBF00H- FBF9FH	FBF00H- FC2FDH	FBF00H- FC07FH	FBF00H- FC07FH	R5F10DMJ, R5F10TPJ, R5F10DPJ	
	256K	16K	8K	-	-	-	-	-	-	-	-	R5F10DSJ	
	384K	20K	8K	-	-	-	-	-	-	-	-	R5F10DPK, R5F10DSK	
RL78/F12	512K	24K	8K	F9F00H- FA2FFH	<sup>note5</sup>	F9F00H- F9F87H	F9F00H- F9FBFH	F9F00H- F9F9FH	F9F00H- FA2FDH	F9F00H- FA07FH	F9F00H- FA07FH	R5F10DPL, R5F10DSL	
	8K	512	4K	-	-	-	-	Not supported	-	-	-	R5F10968	
	16K	1K	4K	-	-	-	-	-	-	-	-	R5F109xA (x = 6, A, B, G, L)	
	24K	1.5K	4K	-	-	-	-	-	-	-	-	R5F109xB (x = 6, A, B, G, L)	
	32K	2K	4K	-	-	-	-	-	-	-	-	R5F109xC (x = 6, A, B, G, L)	
	48K	3K	4K	-	<sup>note4</sup>	-	-	-	-	-	-	R5F109xD (x = 6, A, B, G, L)	
RL78/F13	64K	4K	4K	FEF00H- FF2FFH	<sup>note5</sup>	FEF00H- FEF87H	FEF00H- FEFBFH	FEF00H- FEF9FH	FEF00H- FF2FDH	FEF00H- FF07FH	FEF00H- FF07FH	R5F109xE (x = 6, A, B, G, L)	
	16K	1K	4K	-	-	-	-	-	-	-	-	R5F10AmA (m = 6, A, B, G)	
	32K	2K	4K	-	-	-	-	-	-	-	-	R5F10AmC (m = 6, A, B, G, L), R5F10BnC (n = A, B, G, L)	
	48K	3K	4K	-	<sup>note4</sup>	-	-	-	-	-	-	R5F10AmD (m = 6, A, B, G, L), R5F10BnD (n = A, B, G, L)	
	64K	4K	4K	FEF00H- FF2FFH	<sup>note5</sup>	FEF00H- FEF87H	FEF00H- FEFBFH	FEF00H- FEF9FH	FEF00H- FF2FDH	FEF00H- FF07FH	FEF00H- FF07FH	R5F10AmE (m = 6, A, B, G, L)	
	64K	4K	4K	-	-	-	-	-	-	-	-	R5F10AME, R5F10BmE (m = A, B, G, L, M)	
	96K	6K	4K	-	-	-	-	-	-	-	-	R5F10AmF (m = G, L, M), R5F10BnF (n = A, B, G, L, M)	
	128K	8K	4K	FDF00H- FE2FFH	<sup>note5</sup>	FDF00H- FDF87H	FDF00H- FDFBFH	FDF00H- FDF9FH	FDF00H- FE2FDH	FDF00H- FE07FH	FDF00H- FE07FH	R5F10AmG (m = G, L, M), R5F10BnG (n = A, B, G, L, M)	
RL78/F14	48K	4K	4K	-	-	-	-	-	-	-	-	R5F10PmD (m = A, B, G)	
	64K	6K	4K	-	-	-	-	-	-	-	-	R5F10PmE (m = A, B, G, L, M, P)	
	96K	8K	4K	FDF00H- FE2FFH	<sup>note5</sup>	FDF00H- FDF87H	FDF00H- FDFBFH	FDF00H- FDF9FH	FDF00H- FE2FDH	FDF00H- FE07FH	FDF00H- FE07FH	R5F10PmF (m = G, L, M)	
	96K	8K	4K	-	-	-	-	-	-	-	-	R5F10PPF	
	128K	10K	8K	-	-	-	-	-	-	-	-	R5F10PmG (m = G, L, M, P)	
	192K	16K	8K	-	-	-	-	-	-	-	-	R5F10PmH (m = G, L, M, P)	
	256K	20K	8K	FAF00H- FB2FFH	<sup>note5</sup>	FAF00H- FAF87H	FAF00H- FAFBFH	FAF00H- FAF9FH	FAF00H- FB2FDH	FAF00H- FB07FH	FAF00H- FB07FH	R5F10PmJ (m = G, L, M, P)	
RL78/F15	128K	10K	8K	-	-	-	-	-	-	-	-	R5F113mG (m = P, T)	
	192K	16K	8K	-	-	-	-	-	-	-	-	R5F113mH (m = P, T)	
	256K	20K	8K	-	-	-	-	-	-	-	-	R5F113mJ (m = P, T)	
	384K	26K	16K	-	-	-	-	-	-	-	-	R5F113mK (m = G, L, M, P, T)	
	512K	32K	16K	F7F00H- F82FFH	<sup>note5</sup>	F7F00H- F7F87H	F7F00H- F7FBFH	F7F00H- F7F9FH	F7F00H- F82FDH	F7F00H- F807FH	F7F00H- F807FH	R5F113mL (m = G, L, M, P, T)	
RL78/G10	1K	128	None	Not supported							R5F10Yx4 (x = 1, 4)		
	2K	256	None	Not supported							R5F10Yx6 (x = 1, 4)		
	4K	512	None	Not supported							R5F10Yx7 (x = 1, 4)		
RL78/G11 <sup>note7</sup>	16K	1.5K	2K	FF900H- FFCFFH	<sup>note5</sup>	FF900H- FF987H	FF900H- FF9BFH	FF900H- FF99FH	Not supported		FF900H- FFA7FH	R5F105xA (x = 1, 4, 6-8)	
RL78/G12 <sup>note6</sup>	2K	256	2K	Not supported							Not supported		R5F10266
	4K	512	2K	-	-	-	-	-	-	-	-	R5F10267, R5F10277, R5F102A7	
	8K	768	2K	FFC00H- FFC7FH	<sup>note5</sup>	-	-	-	-	-	-	R5F10268, R5F10278	
	12K	1K	2K	FFB00H- FFC7FH	<sup>note5</sup>	-	-	-	-	-	-	R5F10269, R5F10279	
	16K	1.5K	2K	FF900H- FFC7FH	<sup>note5</sup>	FF900H- FF987H	FF900H- FF9BFH	FF900H- FF99FH	Not supported	Not supported	FF900H- FFA7FH	R5F1026A, R5F1027A	
	8K	768	2K	-	-	-	-	-	-	-	-	R5F102A8	
	12K	1K	2K	-	-	-	-	-	-	-	-	R5F102A9	
	16K	2K	2K	-	-	-	-	-	-	-	-	R5F102AA	
	2K	256	None	Not supported							Not supported		R5F10366
	4K	512	None	-	-	-	-	-	-	-	-	R5F10367, R5F10377, R5F103A7	
	8K	768	None	FFC00H- FFC7FH	<sup>note5</sup>	-	-	-	-	-	-	R5F10368, R5F10378	
	12K	1K	None	FFB00H- FFC7FH	<sup>note5</sup>	-	-	-	-	-	-	R5F10369, R5F10379	
	16K	1.5K	None	FF900H- FFC7FH	<sup>note5</sup>	Not supported	Not supported	Not supported	Not supported	Not supported	Not supported	R5F1036A, R5F1037A	
	8K	768	None	-	-	-	-	-	-	-	-	R5F103A8	
12K	1K	None	-	-	-	-	-	-	-	-	R5F103A9		
16K	2K	None	-	-	-	-	-	-	-	-	R5F103AA		
RL78/G13	16K	2K	4K	-	-	-	-	-	-	-	-	R5F100xA (x = 6-8, A-C, E-G)	
	32K	2K	4K	-	-	-	-	-	-	-	-	R5F100xC (x = 6-8, A-C, E-G, J, L)	
	48K	3K	4K	-	<sup>note4</sup>	-	-	-	-	-	-	R5F100xD (x = 6-8, A-C, E-G, J, L)	
	64K	4K	4K	FEF00H- FF2FFH	<sup>note5</sup>	FEF00H- FEF87H	FEF00H- FEFBFH	FEF00H- FEF9FH	FEF00H- FF2FDH	FEF00H- FF07FH	FEF00H- FF07FH	R5F100xE (x = 6-8, A-C, E-G, J, L)	
	96K	8K	8K	-	-	-	-	-	-	-	-	R5F100xF (x = A-C, E-G, J, L, M, P)	
	128K	12K	8K	-	-	-	-	-	-	-	-	R5F100xG (x = A-C, E-G, J, L, M, P)	
	192K	16K	8K	-	-	-	-	-	-	-	-	R5F100xH (x = E-G, J, L, M, P, S)	
	256K	20K	8K	FAF00H- FB2FFH	<sup>note5</sup>	FAF00H- FAF87H	FAF00H- FAFBFH	FAF00H- FAF9FH	FAF00H- FB2FDH	FAF00H- FB07FH	FAF00H- FB07FH	R5F100xJ (x = F, G, J, L, M, P)	
	256K	20K	8K	-	-	-	-	-	-	-	-	R5F100SJ	
	384K	24K	8K	-	-	-	-	-	-	-	-	R5F100xK (x = F, G, J, L, M, P, S)	
	512K	32K	8K	F7F00H- F82FFH	<sup>note5</sup>	F7F00H- F7F87H	F7F00H- F7FBFH	F7F00H- F7F9FH	F7F00H- F82FDH	F7F00H- F807FH	F7F00H- F807FH	R5F100xL (x = F, G, J, L, M, P, S)	
	16K	2K	None	-	-	-	-	-	-	-	-	R5F101xA (x = 6-8, A-C, E-G)	
	32K	2K	None	-	-	-	-	-	-	-	-	R5F101xC (x = 6-8, A-C, E-G, J, L)	
	48K	3K	None	-	<sup>note4</sup>	-	-	-	-	-	-	R5F101xD (x = 6-8, A-C, E-G, J, L)	
	64K	4K	None	FEF00H- FF2FFH	<sup>note5</sup>	-	-	-	-	-	-	R5F101xE (x = 6-8, A-C, E-G, J, L)	
	96K	8K	None	-	-	-	-	-	-	-	-	R5F101xF (x = A-C, E-G, J, L, M, P)	
	128K	12K	None	-	-	Not supported	Not supported	Not supported	Not supported	Not supported	Not supported	R5F101xG (x = A-C, E-G, J, L, M, P)	
	192K	16K	None	-	-	-	-	-	-	-	-	R5F101xH (x = E-G, J, L, M, P, S)	
	256K	20K	None	FAF00H- FB2FFH	<sup>note5</sup>	-	-	-	-	-	-	R5F101xJ (x = F, G, J, L, M, P)	
	256K	20K	None	-	-	-	-	-	-	-	-	R5F101SJ	
384K	24K	None	-	-	-	-	-	-	-	-	R5F101xK (x = F, G, J, L, M, P, S)		
512K	32K	None	F7F00H- F82FFH	<sup>note5</sup>	-	-	-	-	-	-	R5F101xL (x = F, G, J, L, M, P, S)		

MCU Group	Memory size (bytes)			Self RAM areas <b>note1</b>							Target MCU name
	Code flash memory	RAM	Data flash memory	FSL T01	FDL T04	FDL T01	FDL T02	EEL T01	EEL Pack02	EEL T02	
				FSL Type01	FDL Type04	FDL T01	FDL T02	EEL Pack01	EEL Pack02	EEL T02	
				Self RAM size 1Kbytes	Self RAM size 136bytes	Self RAM size 192bytes	Self RAM size 160bytes	Self RAM size 1022bytes (max) <b>note2</b>	Self RAM size 384bytes (max) <b>note3</b>	Self RAM size 384bytes (max) <b>note3</b>	
RL78/G13A	384K	24K	8K	-	-	-	-	-	-	-	R5F140xK (x = F, G, L, P)
	512K	32K	8K	F7F00H- F82FFH <b>note5</b>	F7F00H- F7F87H	F7F00H- F7FBFH	F7F00H- F7F9FH	F7F00H- F82FDH	F7F00H- F807FH	F7F00H- F807FH	R5F140xL (x = F, G, L, P)
RL78/G14	16K	2.5K	4K	-	-	-	-	-	-	-	R5F104xA (x = A-C, E-G)
	32K	4K	4K	-	-	-	-	-	-	-	R5F104xC (x = A-C, E-G, J, L)
	48K	5.5K	4K	FE900H- FECFFH <b>note5</b>	FE900H- FE987H	FE900H- FE9BFH	FE900H- FE99FH	FE900H- FECFDH	FE900H- FEA7FH	FE900H- FEA7FH	R5F104xD (x = A-C, E-G, J, L)
	64K	5.5K	4K	FE900H- FECFFH <b>note5</b>	FE900H- FE987H	FE900H- FE9BFH	FE900H- FE99FH	FE900H- FECFDH	FE900H- FEA7FH	FE900H- FEA7FH	R5F104xE (x = A-C, E-G, J, L)
	96K	12K	8K	-	-	-	-	-	-	-	R5F104xF (x = A-C, E-G, J, L, M, P)
	128K	16K	8K	-	-	-	-	-	-	-	R5F104xG (x = A-C, E-G, J, L, M, P)
	192K	20K	8K	-	-	-	-	-	-	-	R5F104xH (x = E-G, J, L, M, P)
	256K	24K	8K	F9F00H- FA2FFH <b>note5</b>	F9F00H- F9F87H	F9F00H- F9FBFH	F9F00H- F9F9FH	F9F00H- FA2FDH	F9F00H- FA07FH	F9F00H- FA07FH	R5F104xJ (x = F, G, J, L, M, P)
	384K	32K	8K	-	-	-	-	-	-	-	R5F104xK (x = G, L, M, P)
	512K	48K	8K	F3F00H- F42FFH <b>note5</b>	F3F00H- F3F87H	F3F00H- F3FBFH	F3F00H- F3F9FH	F3F00H- F42FDH	F3F00H- F407FH	F3F00H- F407FH	R5F104xL (x = G, L, M, P)
RL78/G1A	16K	2K	4K	-	-	-	-	-	-	-	R5F10ExA (x = 8, B, G)
	32K	2K	4K	-	-	-	-	-	-	-	R5F10ExC (x = 8, B, G, L)
	48K	3K	4K	-	-	-	-	-	-	-	R5F10ExD (x = 8, B, G, L)
	64K	4K	4K	FEF00H- FF2FFH <b>note5</b>	FEF00H- FEF87H	FEF00H- FEFBFH	FEF00H- FEF9FH	FEF00H- FF2FDH	FEF00H- FF07FH	FEF00H- FF07FH	R5F10ExE (x = 8, B, G, L)
RL78/G1C	32K	5.5K	2K	FE900H- FECFFH <b>note5</b>	FE900H- FE987H	FE900H- FE9BFH	FE900H- FE99FH	Not supported	FE900H- FEA7FH	R5F10JxC (x = B, G), R5F10KxC (x = B, G)	
RL78/G1D	128K	12K	8K	-	-	-	-	-	-	-	R5F11AGG
	192K	16K	8K	-	-	-	-	-	-	-	R5F11AGH
RL78/G1E	256K	20K	8K	FAF00H- FB2FFH <b>note5</b>	FAF00H- FAF87H	FAF00H- FAFBFH	FAF00H- FAF9FH	FAF00H- FB2FDH	FAF00H- FB07FH	FAF00H- FB07FH	R5F11AGJ
	32K	2K	4K	-	-	-	-	-	-	-	R5F10FxC (x = L, M)
RL78/G1F	48K	3K	4K	-	-	-	-	-	-	-	R5F10FxD (x = L, M)
	64K	4K	4K	FEF00H- FF2FFH <b>note5</b>	FEF00H- FEF87H	FEF00H- FEFBFH	FEF00H- FEF9FH	FEF00H- FF2FDH	FEF00H- FF07FH	FEF00H- FF07FH	R5F10FxE (x = L, M)
RL78/G1G	32K	5.5K	4K	FE900H- FECFFH <b>note5</b>	FE900H- FE987H	FE900H- FE9BFH	FE900H- FE99FH	FE900H- FECFDH	FE900H- FEA7FH	FE900H- FEA7FH	R5F11BxC (x = 7, B, C, G, L)
	64K	5.5K	4K	FE900H- FECFFH <b>note5</b>	FE900H- FE987H	FE900H- FE9BFH	FE900H- FE99FH	FE900H- FECFDH	FE900H- FEA7FH	FE900H- FEA7FH	R5F11BxE (x = 7, B, C, G, L)
RL78/G1H	8K	1.5K	None	FF900H- FFC7FH <b>note5</b>	Not supported						R5F11ExB (x = A, B, F)
	16K	1.5K	None	FF900H- FFC7FH <b>note5</b>	Not supported						R5F11ExA (x = A, B, F)
RL78/G1I	256K	24K	8K	-	-	-	-	-	-	-	R5F11FLJ
	384K	32K	8K	-	-	-	-	-	-	-	R5F11FLK
	512K	48K	8K	F3F00H- F42FFH <b>note5</b>	F3F00H- F3F87H	F3F00H- F3FBFH	F3F00H- F3F9FH	F3F00H- F42FDH	F3F00H- F407FH	F3F00H- F407FH	R5F11FLM
RL78/G1M	4K	512	None	Not supported							R5F11W67
	8K	1K	None	Not supported							R5F11W68
RL78/G1N	4K	512	None	Not supported							R5F11Y67
	8K	1K	None	Not supported							R5F11Y68
RL78/G1P <b>note6</b>	16K	1.5K	2K	FF900H- FFC7FH <b>note5</b>	FF900H- FF987H	FF900H- FF9BFH	FF900H- FF99FH	Not supported	FF900H- FFA7FH	R5F11ZxA (x = 7, B)	
RL78/H1D	64K	5.5K	4K	-	-	-	-	-	-	-	R5F11NME
	96K	5.5K	4K	-	-	-	-	-	-	-	R5F11xF (x = NG,NL,NM,PL)
	128K	5.5K	4K	-	-	-	-	-	-	-	R5F11xG (x = NG,NL,NM,PL)
	128K	8K	4K	DFD00H- FE2FFH <b>note5</b>	DFD00H- DDF87H	DFD00H- DDFBFH	DFD00H- DDF9FH	DFD00H- FE2FDH	DFD00H- FE07FH	DFD00H- FE07FH	R5F11RMG
RL78/I1A	32K	2K	4K	-	-	-	-	-	-	-	R5F1076C, R5F107AC
	64K	4K	4K	FEF00H- FF2FFH <b>note5</b>	FEF00H- FEF87H	FEF00H- FEFBFH	FEF00H- FEF9FH	FEF00H- FF2FDH	FEF00H- FF07FH	FEF00H- FF07FH	R5F107AE, R5F107DE
RL78/I1B	64K	6K	None	-	Not supported						R5F10MME, R5F10MPE
	128K	8K	None	DFD00H- FE2FFH <b>note5</b>	Not supported						R5F10MMG, R5F10MPG
RL78/I1C	64K	6K	2K	-	-	-	-	-	-	-	R5F10NxE (x = L, M), R5F11TLE
	128K	8K	2K	DFD00H- FE2FFH <b>note5</b>	DFD00H- DDF87H	DFD00H- DDFBFH	DFD00H- DDF9FH	Not supported		DFD00H- FE07FH	R5F10NxG (x = L, M), R5F11TLG
	128K	8K	2K	-	-	-	-	-	-	-	R5F10NPG
	256K	16K	2K	FBF00H- FC2FFH <b>note5</b>	FBF00H- FBF87H	FBF00H- FBFBFH	FBF00H- FBF9FH	-	FBF00H- FC07FH	FBF00H- FC07FH	R5F10NxJ (x = M, P)
	512K	32K	2K	F7F00H- F82FFH <b>note5</b>	F7F00H- F7F87H	F7F00H- F7FBFH	F7F00H- F7F9FH	-	F7F00H- F807FH	F7F00H- F807FH	R5F10NxL (x = M, P)
RL78/I1D	8K	768	2K	-	-	-	-	-	-	-	R5F117x8 (x = 6, 7, A)
	16K	2K	2K	-	-	-	-	-	-	-	R5F117xA (x = 6, 7, A, B, G)
	32K	3K	2K	FF300H- FF6FFH <b>note5</b>	FF300H- FF387H	FF300H- FE3BFH	FF300H- FF39FH	-	FF300H- FF47FH	FF300H- FF47FH	R5F117xC (x = A, B, G)
RL78/I1E	32K	8K	4K	DFD00H- FE2FFH <b>note5</b>	DFD00H- DDF87H	DFD00H- DDFBFH	DFD00H- DDF9FH	DFD00H- FE2FDH	DFD00H- FE07FH	DFD00H- FE07FH	R5F11CxC (x = B, C)
RL78/L12 <b>note6</b>	8K	1K	2K	FFB00H- FFC7FH <b>note5</b>	-	-	-	-	-	-	R5F10Rx8 (x = B, F, G, J)
	16K	1K	2K	FFB00H- FFC7FH <b>note5</b>	-	-	-	-	-	-	R5F10RxA (x = B, F, G, J, L)
	32K	1.5K	2K	FF900H- FFC7FH <b>note5</b>	FF900H- FF987H	FF900H- FF9BFH	FF900H- FF99FH	-	FF900H- FFA7FH	FF900H- FFA7FH	R5F10RxG (x = B, F, G, J, L)
RL78/L13	16K	1K	4K	-	-	-	-	-	-	-	R5F10WLA, R5F10WMA
	32K	1.5K	4K	-	-	-	-	-	-	-	R5F10WLC, R5F10WMC
	48K	2K	4K	-	-	-	-	-	-	-	R5F10WLD, R5F10WMD
	64K	4K	4K	-	-	-	-	-	-	-	R5F10WLE, R5F10WME
	96K	6K	4K	-	-	-	-	-	-	-	R5F10WLF, R5F10WMF
	128K	8K	4K	DFD00H- FE2FFH <b>note5</b>	DFD00H- DDF87H	DFD00H- DDFBFH	DFD00H- DDF9FH	DFD00H- FE2FDH	DFD00H- FE07FH	DFD00H- FE07FH	R5F10WLG, R5F10WMG
RL78/L1A	48K	5.5K	8K	FE900H- FECFFH <b>note5</b>	FE900H- FE987H	FE900H- FE9BFH	FE900H- FE99FH	FE900H- FECFDH	FE900H- FEA7FH	FE900H- FEA7FH	R5F11MMD
	64K	5.5K	8K	FE900H- FECFFH <b>note5</b>	FE900H- FE987H	FE900H- FE9BFH	FE900H- FE99FH	FE900H- FECFDH	FE900H- FEA7FH	FE900H- FEA7FH	R5F11MxE (x = M, P)
	96K	5.5K	8K	FE900H- FECFFH <b>note5</b>	FE900H- FE987H	FE900H- FE9BFH	FE900H- FE99FH	FE900H- FECFDH	FE900H- FEA7FH	FE900H- FEA7FH	R5F11MxF (x = M, P)
	128K	5.5K	8K	FE900H- FECFFH <b>note5</b>	FE900H- FE987H	FE900H- FE9BFH	FE900H- FE99FH	FE900H- FECFDH	FE900H- FEA7FH	FE900H- FEA7FH	R5F11MPG
RL78/L1C	64K	8K	8K	-	-	-	-	-	-	-	R5F110xE (x = M, N, P), R5F111xE (x = M, N, P)
	96K	10K	8K	-	-	-	-	-	-	-	R5F110xF (x = M, N, P), R5F111xF (x = M, N, P)
	128K	12K	8K	-	-	-	-	-	-	-	R5F110xG (x = M, N, P), R5F111xG (x = M, N, P)
	192K	16K	8K	FBF00H- FC2FFH <b>note5</b>	FBF00H- FBF87H	FBF00H- FBFBFH	FBF00H- FBF9FH	FBF00H- FC2FDH	FBF00H- FC07FH	FBF00H- FC07FH	R5F110xH (x = M, N, P), R5F111xH (x = M, N, P)
	256K	16K	8K	FBF00H- FC2FFH <b>note5</b>	FBF00H- FBF87H	FBF00H- FBFBFH	FBF00H- FBF9FH	FBF00H- FC2FDH	FBF00H- FC07FH	FBF00H- FC07FH	R5F110xJ (x = M, N, P), R5F111xJ (x = M, N, P)

**note1**  
The start address of Self RAM areas is fixed, and the total size of Self RAM is reserved in the direction of upper address.

**note2**  
The Self RAM size used by EEL T01 and EEL Pack01 is dependent on the number of "EEL variables (DataID)" to be used. Please find size of Self RAM using the following calculating formula.  
512 + N \* 2 byte, where N=1~255: number of the EEL variables(Data ID)

**note3**  
The Self RAM size used by EEL T02 and EEL Pack02 is dependent on the number of "EEL variables (DataID)" to be used. Please find size of Self RAM using the following calculating formula.  
256 + N \* 2 byte, where N=1~64: number of the EEL variables(Data ID)

**note4**  
In case of using less than V2.20 of FSL T01 and FSL Type01, Self RAM area is "FF300H-FF309H".

**note5**  
In case of using less than V2.20 of FSL T01 and FSL Type01, the 10 bytes addition is necessary for the upper address direction for Self RAM area.  
ex.) RL78/G13 ROM:64KB, RAM:4KB : FEF00H-FF2FFH+10 bytes → FEF00H-FF309H  
In case of using less than V2.20 of FSL T01 and FSL Type01, Self RAM area is "FEF00H-FF309H".

**note6**  
Functions supported in FSL T01 and FSL Type01 are only basic functions.  
Other functions are not supported.  
Basic function : FSL\_Init,FSL\_Open,FSL\_Close,FSL\_PrepareFunctions,FSL\_BlankCheck,FSL\_Erase,FSL\_IVerify,FSL\_Write,FSL\_StatusCheck

**note7**  
For the RL78/G11 group, only the status check internal mode is supported as the status check mode.  
Functions supported in FSL T01 and FSL Type01 are only functions for RL78/G11 group.  
Other functions are not supported.  
Functions for RL78/G11 group :  
FSL\_Init,FSL\_Open,FSL\_Close,FSL\_PrepareFunctions,FSL\_PrepareExtFunctions,FSL\_BlankCheck,FSL\_Erase,FSL\_IVerify,FSL\_Write,FSL\_GetBootFlag,FSL\_GetSwapState,FSL\_GetFlashShieldWindow,FSL\_SwapBootCluster,FSL\_InvertBootFlag,FSL\_SetFlashShieldWindow,FSL\_ForceReset

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