RL78/F13, F14

Lists of Special Function Registers by Model

Introduction

The purpose of this application note is to show all special function registers (SFRs) used for each model of the RL78/F13 and F14 microcontrollers.

In this application note, the products are classified into five groups according to the product model, pin count, and code flash memory size. Also, the registers are listed based on each group.

Contents

1.   Special Function Registers (SFRs) of RL78/F13 (LIN incorporated)

The RL78/F13 (LIN incorporated) microcontrollers are classified into the following two groups:

Group A: RL78/F13 (LIN incorporated) products with 20, 30, 32, 48, or 64 pins and 16 Kbytes to 64 Kbytes of code flash memory

Group B: RL78/F13 (LIN incorporated) products with 48 or 64 pins and 96 Kbytes to 128 Kbytes of code flash memory, or RL78/F13 (LIN incorporated) products with 80 pins and 64 Kbytes to 128 Kbytes of code flash memory

1.1   SFRs for Group A products of RL78/F13 (LIN incorporated)

Table 1.1 lists the Group A products of RL78/F13 (LIN incorporated).

Table 1.1   Group A products of RL78/F13 (LIN incorporated)

Code Flash	Data Flash	RAM	Pin count					
			80-pin	**64-pin**	**48-pin**	**32-pin**	**30-pin**	**20-pin**
16KB	4KB	1KB	-	-	R5F10AGA	R5F10ABA	R5F10AAA	R5F10A6A
32KB		2KB	-	R5F10ALC	R5F10AGC	R5F10ABC	R5F10AAC	R5F10A6C
48KB		3KB	-	R5F10ALD	R5F10AGD	R5F10ABD	R5F10AAD	R5F10A6D
64KB		4KB	R5F10AME	R5F10ALE	R5F10AGE	R5F10ABE	R5F10AAE	R5F10A6E
96KB		6KB	R5F10AMF	R5F10ALF	R5F10AGF	-	-	-
128KB		8KB	R5F10AMG	R5F10ALG	R5F10AGG	-	-	-

The following **Table 1.2** and **Table 1.3** list the special function registers (SFRs) and the extended SFRs of the Group A products of RL78/F13 (LIN incorporated).

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Table 1.2 List of SFRs of Group A of RL78/F13 (LIN incorporated) (1/4)

Address	Special function register (SFR) name	Symbol		Pin count				
				64-pin	48-pin	32-pin	30-pin	20-pin
FFF00H	Port register 0	P0		✓	✓			
FFF01H	Port register 1	P1		✓	✓	✓	✓	✓
FFF03H	Port register 3	P3		✓	✓	✓	✓	✓
FFF04H	Port register 4	P4		✓	✓	✓	✓	✓
FFF05H	Port register 5	P5		✓				
FFF06H	Port register 6	P6		✓	✓	✓		
FFF07H	Port register 7	P7		✓	✓			
FFF08H	Port register 8	P8		✓	✓	✓	✓	✓
FFF09H	Port register 9	P9		✓	✓			
FFF0AH	Port register 10	P10						
FFF0CH	Port register 12	P12		✓	✓	✓	✓	✓
FFF0DH	Port register 13	P13		✓	✓	✓	✓	✓
FFF0EH	Port register 14	P14		✓	✓			
FFF0FH	Port register 15	P15						
FFF10H	Serial data register 00	SDR00L	SDR00	✓	✓	✓	✓	✓
FFF11H		-		✓	✓	✓	✓	✓
FFF12H	Serial data register 01	SDR01L	SDR01	✓	✓	✓	✓	✓
FFF13H		-		✓	✓	✓	✓	✓
FFF18H	Timer data register 00	TDR00		✓	✓	✓	✓	✓
FFF19H								
FFF1AH	Timer data register 01	TDR01L	TDR01	✓	✓	✓	✓	✓
FFF1BH		TDR01H		✓	✓	✓	✓	✓
FFF1EH	10-bit A/D conversion result register	-	ADCR	✓	✓	✓	✓	✓
FFF1FH	8-bit A/D conversion result register	ADCRH		✓	✓	✓	✓	✓
FFF20H	Port mode register 0	PM0		✓	✓			
FFF21H	Port mode register 1	PM1		✓	✓	✓	✓	✓
FFF23H	Port mode register 3	PM3		✓	✓	✓	✓	✓
FFF24H	Port mode register 4	PM4		✓	✓	✓	✓	✓
FFF25H	Port mode register 5	PM5		✓				
FFF26H	Port mode register 6	PM6		✓	✓	✓		
FFF27H	Port mode register 7	PM7		✓	✓			
FFF28H	Port mode register 8	PM8		✓	✓	✓	✓	✓
FFF29H	Port mode register 9	PM9		✓	✓			
FFF2AH	Port mode register 10	PM10						
FFF2CH	Port mode register 12	PM12		✓	✓	✓	✓	✓
FFF2EH	Port mode register 14	PM14		✓	✓			
FFF2FH	Port mode register 15	PM15						
FFF30H	A/D converter mode register 0	ADM0		✓	✓	✓	✓	✓
FFF31H	Analog input channel specification register	ADS		✓	✓	✓	✓	✓
FFF32H	A/D converter mode register 1	ADM1		✓	✓	✓	✓	✓
FFF34H	D/A conversion value setting register 0	DACS0						
FFF36H	D/A converter mode register	DAM						
FFF37H	Key return mode register	KRM		✓	✓	✓	✓	✓
FFF38H	External interrupt rising edge enable register 0	EGP0		✓	✓	✓	✓	✓
FFF39H	External interrupt falling edge enable register 0	EGN0		✓	✓	✓	✓	✓
FFF3AH	External interrupt rising edge enable register 1	EGP1		✓	✓	✓	✓	✓

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Table 1-2 List of SFRs of Group A of RL78/F13 (LIN incorporated) (2/4)

Address	Special function register (SFR) name	Symbol		Pin count				
				64-pin	48-pin	32-pin	30-pin	20-pin
FFF3BH	External interrupt falling edge enable register 1	EGN1		✓	✓	✓	✓	✓
FFF48H	Serial data register 10	SDR10L	SDR10					
FFF49H		-						
FFF4AH	Serial data register 11	SDR11L	SDR11					
FFF4BH		-						
FFF50H	IICA shift register 0	IICA0						
FFF51H	IICA status register 0	IICS0						
FFF52H	IICA flag register 0	IICF0						
FFF54H	16-bit watch error correction register	SUBCUDW		✓	✓	✓	✓	✓
FFF55H								
FFF58H	Timer RD general register C0	TRDGRC0		✓	✓	✓	✓	✓
FFF59H								
FFF5AH	Timer RD general register D0	TRDGRD0		✓	✓	✓	✓	✓
FFF5BH								
FFF5CH	Timer RD general register C1	TRDGRC1		✓	✓	✓	✓	✓
FFF5DH								
FFF5EH	Timer RD general register D1	TRDGRD1		✓	✓	✓	✓	✓
FFF5FH								
FFF64H	Timer data register 02	TDR02		✓	✓	✓	✓	✓
FFF65H								
FFF66H	Timer data register 03	TDR03L	TDR03	✓	✓	✓	✓	✓
FFF67H		TDR03H		✓	✓	✓	✓	✓
FFF68H	Timer data register 04	TDR04		✓	✓	✓	✓	✓
FFF69H								
FFF6AH	Timer data register 05	TDR05		✓	✓	✓	✓	✓
FFF6BH								
FFF6CH	Timer data register 06	TDR06		✓	✓	✓	✓	✓
FFF6DH								
FFF6EH	Timer data register 07	TDR07		✓	✓	✓	✓	✓
FFF6FH								
FFF70H	Timer data register 10	TDR10						
FFF71H								
FFF72H	Timer data register 11	TDR11L	TDR11					
FFF73H		TDR11H						
FFF74H	Timer data register 12	TDR12						
FFF75H								
FFF76H	Timer data register 13	TDR13L	TDR13					
FFF77H		TDR13H						
FFF78H	Timer data register 14	TDR14						
FFF79H								
FFF7AH	Timer data register 15	TDR15						
FFF7BH								
FFF7CH	Timer data register 16	TDR16						
FFF7DH								
FFF7EH	Timer data register 17	TDR17						
FFF7FH								
FFF92H	Second count register	SEC		✓	✓	✓	✓	✓
FFF93H	Minute count register	MIN		✓	✓	✓	✓	✓
FFF94H	Hour count register	HOUR		✓	✓	✓	✓	✓

Table 1-2 List of SFRs of Group A of RL78/F13 (LIN incorporated) (3/4)

Address	Special function register (SFR) name	Symbol		Pin count				
				64-pin	48-pin	32-pin	30-pin	20-pin
FFF95H	Week count register	WEEK		✓	✓	✓	✓	✓
FFF96H	Day count register	DAY		✓	✓	✓	✓	✓
FFF97H	Month count register	MONTH		✓	✓	✓	✓	✓
FFF98H	Year count register	YEAR		✓	✓	✓	✓	✓
FFF99H	Watch error correction register	SUBCUD		✓	✓	✓	✓	✓
FFF9AH	Alarm minute register	ALARMWM		✓	✓	✓	✓	✓
FFF9BH	Alarm hour register	ALARMWH		✓	✓	✓	✓	✓
FFF9CH	Alarm week register	ALARMWW		✓	✓	✓	✓	✓
FFF9DH	Real-time clock control register 0	RTCC0		✓	✓	✓	✓	✓
FFF9EH	Real-time clock control register 1	RTCC1		✓	✓	✓	✓	✓
FFFA0H	Clock operation mode control register	CMC		✓	✓	✓	✓	✓
FFFA1H	Clock operation status control register	CSC		✓	✓	✓	✓	✓
FFFA2H	Oscillation stabilization time counter status register	OSTC		✓	✓	✓	✓	✓
FFFA3H	Oscillation stabilization time select register	OSTS		✓	✓	✓	✓	✓
FFFA4H	System clock control register	CKC		✓	✓	✓	✓	✓
FFFA5H	Clock output select register 0	CKS0		✓	✓			
FFFA8H	Reset control flag register	RESF		✓	✓	✓	✓	✓
FFFA9H	Voltage detection register	LVIM		✓	✓	✓	✓	✓
FFFAAH	Voltage detection level register	LVIS		✓	✓	✓	✓	✓
FFFABH	Watchdog timer enable register	WDTE		✓	✓	✓	✓	✓
FFFACH	CRC input register	CRCIN		✓	✓	✓	✓	✓
FFFD0H	Interrupt request flag register 2L	IF2L	IF2	✓	✓	✓	✓	✓
FFFD1H	Interrupt request flag register 2H	IF2H		✓	✓	✓	✓	✓
FFFD2H	Interrupt request flag register 3L	IF3L						
FFFD4H	Interrupt mask flag register 2L	MK2L	MK2	✓	✓	✓	✓	✓
FFFD5H	Interrupt mask flag register 2H	MK2H		✓	✓	✓	✓	✓
FFFD6H	Interrupt mask flag register 3L	MK3L						
FFFD8H	Priority specification flag register 02L	PR02L	PR02	✓	✓	✓	✓	✓
FFFD9H	Priority specification flag register 02H	PR02H		✓	✓	✓	✓	✓
FFFDAH	Priority specification flag register 03L	PR03L						
FFFDCH	Priority specification flag register 12L	PR12L	PR12	✓	✓	✓	✓	✓
FFFDDH	Priority specification flag register 12H	PR12H		✓	✓	✓	✓	✓
FFFDEH	Priority specification flag register 13L	PR13L						
FFFE0H	Interrupt request flag register 0L	IF0L	IF0	✓	✓	✓	✓	✓
FFFE1H	Interrupt request flag register 0H	IF0H		✓	✓	✓	✓	✓
FFFE2H	Interrupt request flag register 1L	IF1L	IF1	✓	✓	✓	✓	✓
FFFE3H	Interrupt request flag register 1H	IF1H		✓	✓	✓	✓	✓
FFFE4H	Interrupt mask flag register 0L	MK0L	MK0	✓	✓	✓	✓	✓
FFFE5H	Interrupt mask flag register 0H	MK0H		✓	✓	✓	✓	✓
FFFE6H	Interrupt mask flag register 1L	MK1L	MK1	✓	✓	✓	✓	✓
FFFE7H	Interrupt mask flag register 1H	MK1H		✓	✓	✓	✓	✓
FFFE8H	Priority specification flag register 00L	PR00L	PR00	✓	✓	✓	✓	✓
FFFE9H	Priority specification flag register 00H	PR00H		✓	✓	✓	✓	✓
FFFEAH	Priority specification flag register 01L	PR01L	PR01	✓	✓	✓	✓	✓
FFFEBH	Priority specification flag register 01H	PR01H		✓	✓	✓	✓	✓
FFFECH	Priority specification flag register 10L	PR10L	PR10	✓	✓	✓	✓	✓
FFFEDH	Priority specification flag register 10H	PR10H		✓	✓	✓	✓	✓

Table 1-2 List of SFRs of Group A of RL78/F13 (LIN incorporated) (4/4)

Address	Special function register (SFR) name	Symbol		Pin count				
				64-pin	48-pin	32-pin	30-pin	20-pin
FFFEEH	Priority specification flag register 11L	PR11L	PR11	✓	✓	✓	✓	✓
FFFEFH	Priority specification flag register 11H	PR11H		✓	✓	✓	✓	✓
FFFF0H	Multiply and accumulation register (L)	MACRL		✓	✓	✓	✓	✓
FFFF1H								
FFFF2H	Multiply and accumulation register (H)	MACRH		✓	✓	✓	✓	✓
FFFF3H								
FFFFEH	Processor mode control register	PMC		✓	✓	✓	✓	✓

Table 1.3 List of extended SFRs (2nd SFR) of Group A of RL78/F13 (LIN incorporated) (1/10)

Address	Special function register (SFR) name	Symbol	Pin count				
			64-pin	48-pin	32-pin	30-pin	20-pin
F0010H	A/D converter mode register 2	ADM2	✓	✓	✓	✓	✓
F0011H	Conversion result comparison upper limit setting register	ADUL	✓	✓	✓	✓	✓
F0012H	Conversion result comparison lower limit setting register	ADLL	✓	✓	✓	✓	✓
F0013H	A/D test register	ADTES	✓	✓	✓	✓	✓
F0016H	Peripheral I/O redirection register 0	PIOR0	✓	✓			
F0017H	Peripheral I/O redirection register 1	PIOR1	✓	✓			
F0018H	Peripheral I/O redirection register 2	PIOR2					
F0019H	Peripheral I/O redirection register 3	PIOR3					
F001AH	Peripheral I/O redirection register 4	PIOR4	✓	✓	✓		
F001BH	Peripheral I/O redirection register 5	PIOR5	✓	✓	✓	✓	✓
F001CH	Peripheral I/O redirection register 6	PIOR6					
F001DH	Peripheral I/O redirection register 7	PIOR7	✓	✓	✓	✓	✓
F001EH	Peripheral I/O redirection register 8	PIOR8					
F0021H	Port input threshold control register 1	PITHL1	✓	✓	✓	✓	✓
F0023H	Port input threshold control register 3	PITHL3	✓	✓	✓	✓	✓
F0024H	Port input threshold control register 4	PITHL4	✓				
F0025H	Port input threshold control register 5	PITHL5	✓				
F0026H	Port input threshold control register 6	PITHL6	✓	✓	✓		
F0027H	Port input threshold control register 7	PITHL7	✓	✓			
F002AH	Port input threshold control register 10	PITHL10					
F002CH	Port input threshold control register 12	PITHL12	✓	✓	✓	✓	✓
F002FH	Port input threshold control register 15	PITHL15					
F0030H	Pull-up resistor option register 0	PU0	✓	✓			
F0031H	Pull-up resistor option register 1	PU1	✓	✓	✓	✓	✓
F0033H	Pull-up resistor option register 3	PU3	✓	✓	✓	✓	✓
F0034H	Pull-up resistor option register 4	PU4	✓	✓	✓	✓	✓
F0035H	Pull-up resistor option register 5	PU5	✓				
F0036H	Pull-up resistor option register 6	PU6	✓	✓	✓		
F0037H	Pull-up resistor option register 7	PU7	✓	✓			
F0039H	Pull-up resistor option register 9	PU9	✓	✓			
F003AH	Pull-up resistor option register 10	PU10					
F003CH	Pull-up resistor option register 12	PU12	✓	✓	✓	✓	✓
F003EH	Pull-up resistor option register 14	PU14	✓	✓			
F003FH	Pull-up resistor option register 15	PU15					
F0041H	Port input mode register 1	PIM1	✓	✓	✓	✓	✓
F0043H	Port input mode register 3	PIM3	✓	✓	✓	✓	✓
F0045H	Port input mode register 5	PIM5					
F0046H	Port input mode register 6	PIM6					
F0047H	Port input mode register 7	PIM7					
F004CH	Port input mode register 12	PIM12	✓	✓	✓	✓	✓
F0051H	Port output mode register 1	POM1	✓	✓	✓	✓	✓
F0056H	Port output mode register 6	POM6	✓	✓	✓		
F0057H	Port output mode register 7	POM7					
F005CH	Port output mode register 12	POM12	✓	✓	✓	✓	✓
F0067H	Port mode control register 7	PMC7					
F0069H	Port mode control register 9	PMC9					
F006CH	Port mode control register 12	PMC12					
F0070H	Noise filter enable register 0	NFEN0	✓	✓	✓	✓	✓
F0071H	Noise filter enable register 1	NFEN1	✓	✓	✓	✓	✓

Table 1-3 List of extended SFRs (2nd SFR) of Group A of RL78/F13 (LIN incorporated) (2/10)

Address	Special function register (SFR) name	Symbol		Pin count				
				64-pin	48-pin	32-pin	30-pin	20-pin
F0072H	Noise filter enable register 2	NFEN2						
F0073H	Input switch control register	ISC		✓	✓	✓	✓	✓
F0074H	Timer input select register 0	TIS0		✓	✓	✓	✓	✓
F0075H	Timer input select register 1	TIS1		✓	✓	✓	✓	✓
F0076H	A/D port configuration register	ADPC		✓	✓	✓	✓	✓
F0077H	Port mode select register	PMS		✓	✓	✓	✓	✓
F0078H	Invalid memory access detection control register	IAWCTL		✓	✓	✓	✓	✓
F0079H	Interrupt source determination flag register 0	INTFLG0		✓	✓	✓	✓	✓
F007AH	Timer input select register 2	TIS2						
F007BH	LIN channel select register	LCHSEL		✓	✓	✓	✓	✓
F007CH	Interrupt mask register	INTMSK		✓	✓	✓	✓	✓
F0090H	Data flash control register	DFLCTL		✓	✓	✓	✓	✓
F00A0H	High-speed on-chip oscillator trimming register	HIOTRM		✓	✓	✓	✓	✓
F00A8H	High-speed on-chip oscillator frequency select register	HOCODIV		✓	✓	✓	✓	✓
F00D8H	SPM control register	SPMCTRL		✓	✓	✓	✓	✓
F00DAH	SP overflow address setting register	SPOFR		✓	✓	✓	✓	✓
F00DBH								
F00DCH	SP underflow address setting register	SPUFR		✓	✓	✓	✓	✓
F00DDH								
F00F0H	Peripheral enable register 0	PER0		✓	✓	✓	✓	✓
F00F3H	Operation speed mode control register	OSMC		✓	✓	✓	✓	✓
F00FEH	BCD correction result register	BCDADJ		✓	✓	✓	✓	✓
F0100H	Serial status register 00	SSR00L	SSR00	✓	✓	✓	✓	✓
F0101H		-		✓	✓	✓	✓	✓
F0102H	Serial status register 01	SSR01L	SSR01	✓	✓	✓	✓	✓
F0103H		-		✓	✓	✓	✓	✓
F0104H	Serial flag clear trigger register 00	SIR00L	SIR00	✓	✓	✓	✓	✓
F0105H		—		✓	✓	✓	✓	✓
F0106H	Serial flag clear trigger register 01	SIR01L	SIR01	✓	✓	✓	✓	✓
F0107H		-		✓	✓	✓	✓	✓
F0108H	Serial mode register 00	SMR00		✓	✓	✓	✓	✓
F0109H								
F010AH	Serial mode register 01	SMR01		✓	✓	✓	✓	✓
F010BH								
F010CH	Serial communication operation setting register 00	SCR00		✓	✓	✓	✓	✓
F010DH								
F010EH	Serial communication operation setting register 01	SCR01		✓	✓	✓	✓	✓
F010FH								
F0110H	Serial channel enable status register 0	SE0L	SE0	✓	✓	✓	✓	✓
F0111H		-		✓	✓	✓	✓	✓
F0112H	Serial channel start register 0	SS0L	SS0	✓	✓	✓	✓	✓
F0113H		-		✓	✓	✓	✓	✓
F0114H	Serial channel stop register 0	ST0L	ST0	✓	✓	✓	✓	✓
F0115H		-		✓	✓	✓	✓	✓
F0116H	Serial clock select register 0	SPS0L	SPS0	✓	✓	✓	✓	✓
F0117H		-		✓	✓	✓	✓	✓

Table 1-3 List of extended SFRs (2nd SFR) of Group A of RL78/F13 (LIN incorporated) (3/10)

Address	Special function register (SFR) name	Symbol		Pin count				
				64-pin	48-pin	32-pin	30-pin	20-pin
F0118H	Serial output register 0	SO0		✓	✓	✓	✓	✓
F0119H								
F011AH	Serial output enable register 0	SOE0L	SOE0	✓	✓	✓	✓	✓
F011BH		-		✓	✓	✓	✓	✓
F0120H	Serial output level register 0	SOL0L	SOL0	✓	✓	✓	✓	✓
F0121H		-		✓	✓	✓	✓	✓
F0122H	Serial slave select enable register 0	SSE0L	SSE0	✓	✓	✓	✓	✓
F0123H		-		✓	✓	✓	✓	✓
F0140H	Serial status register 10	SSR10L	SSR10					
F0141H		-						
F0142H	Serial status register 11	SSR11L	SSR11					
F0143H		-						
F0144H	Serial flag clear trigger register 10	SIR10L	SIR10					
F0145H		-						
F0146H	Serial flag clear trigger register 11	SIR11L	SIR11					
F0147H		—						
F0148H	Serial mode register 10	SMR10						
F0149H								
F014AH	Serial mode register 11	SMR11						
F014BH								
F014CH	Serial communication operation setting register 10	SCR10						
F014DH								
F014EH	Serial communication operation setting register 11	SCR11						
F014FH								
F0150H	Serial channel enable status register 1	SE1L	SE1					
F0151H		-						
F0152H	Serial channel start register 1	SS1L	SS1					
F0153H		-						
F0154H	Serial channel stop register 1	ST1L	ST1					
F0155H		-						
F0156H	Serial clock select register 1	SPS1L	SPS1					
F0157H		-						
F0158H	Serial output register 1	SO1						
F0159H								
F015AH	Serial output enable register 1	SOE1L	SOE1					
F015BH		-						
F0160H	Serial output level register 1	SOL1L	SOL1					
F0161H		-						
F0162H	Serial slave select enable register 1	SSE1L	SSE1					
F0163H		-						
F0180H	Timer counter register 00	TCR00		✓	✓	✓	✓	✓
F0181H								
F0182H	Timer counter register 01	TCR01		✓	✓	✓	✓	✓
F0183H								
F0184H	Timer counter register 02	TCR02		✓	✓	✓	✓	✓
F0185H								
F0186H	Timer counter register 03	TCR03		✓	✓	✓	✓	✓
F0187H								
F0188H	Timer counter register 04	TCR04		✓	✓	✓	✓	✓
F0189H								

Table 1-3 List of extended SFRs (2nd SFR) of Group A of RL78/F13 (LIN incorporated) (4/10)

Address	Special function register (SFR) name	Symbol		Pin count				
				64-pin	48-pin	32-pin	30-pin	20-pin
F018AH	Timer counter register 05	TCR05		✓	✓	✓	✓	✓
F018BH								
F018CH	Timer counter register 06	TCR06		✓	✓	✓	✓	✓
F018DH								
F018EH	Timer counter register 07	TCR07		✓	✓	✓	✓	✓
F018FH								
F0190H	Timer mode register 00	TMR00		✓	✓	✓	✓	✓
F0191H								
F0192H	Timer mode register 01	TMR01		✓	✓	✓	✓	✓
F0193H								
F0194H	Timer mode register 02	TMR02		✓	✓	✓	✓	✓
F0195H								
F0196H	Timer mode register 03	TMR03		✓	✓	✓	✓	✓
F0197H								
F0198H	Timer mode register 04	TMR04		✓	✓	✓	✓	✓
F0199H								
F019AH	Timer mode register 05	TMR05		✓	✓	✓	✓	✓
F019BH								
F019CH	Timer mode register 06	TMR06		✓	✓	✓	✓	✓
F019DH								
F019EH	Timer mode register 07	TMR07		✓	✓	✓	✓	✓
F019FH								
F01A0H	Timer status register 00	TSR00L	TSR00	✓	✓	✓	✓	✓
F01A1H		-		✓	✓	✓	✓	✓
F01A2H	Timer status register 01	TSR01L	TSR01	✓	✓	✓	✓	✓
F01A3H		-		✓	✓	✓	✓	✓
F01A4H	Timer status register 02	TSR02L	TSR02	✓	✓	✓	✓	✓
F01A5H		-		✓	✓	✓	✓	✓
F01A6H	Timer status register 03	TSR03L	TSR03	✓	✓	✓	✓	✓
F01A7H		-		✓	✓	✓	✓	✓
F01A8H	Timer status register 04	TSR04L	TSR04	✓	✓	✓	✓	✓
F01A9H		-		✓	✓	✓	✓	✓
F01AAH	Timer status register 05	TSR05L	TSR05	✓	✓	✓	✓	✓
F01ABH		-		✓	✓	✓	✓	✓
F01ACH	Timer status register 06	TSR06L	TSR06	✓	✓	✓	✓	✓
F01ADH		-		✓	✓	✓	✓	✓
F01AEH	Timer status register 07	TSR07L	TSR07	✓	✓	✓	✓	✓
F01AFH		-		✓	✓	✓	✓	✓
F01B0H	Timer channel enable status register 0	TE0L	TE0	✓	✓	✓	✓	✓
F01B1H		-		✓	✓	✓	✓	✓
F01B2H	Timer channel start register 0	TS0L	TS0	✓	✓	✓	✓	✓
F01B3H		-		✓	✓	✓	✓	✓
F01B4H	Timer channel stop register 0	TT0L	TT0	✓	✓	✓	✓	✓
F01B5H		-		✓	✓	✓	✓	✓
F01B6H	Timer clock select register 0	TPS0		✓	✓	✓	✓	✓
F01B7H								
F01B8H	Timer output register 0	TO0L	TO0	✓	✓	✓	✓	✓
F01B9H		-		✓	✓	✓	✓	✓
F01BAH	Timer output enable register 0	TOE0L	TOE0	✓	✓	✓	✓	✓
F01BBH		-		✓	✓	✓	✓	✓

Table 1-3 List of extended SFRs (2nd SFR) of Group A of RL78/F13 (LIN incorporated) (5/10)

Address	Special function register (SFR) name	Symbol		Pin count				
				64-pin	48-pin	32-pin	30-pin	20-pin
F01BCH	Timer output level register 0	TOL0L	TOL0	✓	✓	✓	✓	✓
F01BDH		-		✓	✓	✓	✓	✓
F01BEH	Timer output mode register 0	TOM0L	TOM0	✓	✓	✓	✓	✓
F01BFH		-		✓	✓	✓	✓	✓
F01C0H	Timer counter register 10	TCR10						
F01C1H								
F01C2H	Timer counter register 11	TCR11						
F01C3H								
F01C4H	Timer counter register 12	TCR12						
F01C5H								
F01C6H	Timer counter register 13	TCR13						
F01C7H								
F01C8H	Timer counter register 14	TCR14						
F01C9H								
F01CAH	Timer counter register 15	TCR15						
F01CBH								
F01CCH	Timer counter register 16	TCR16						
F01CDH								
F01CEH	Timer counter register 17	TCR17						
F01CFH								
F01D0H	Timer mode register 10	TMR10						
F01D1H								
F01D2H	Timer mode register 11	TMR11						
F01D3H								
F01D4H	Timer mode register 12	TMR12						
F01D5H								
F01D6H	Timer mode register 13	TMR13						
F01D7H								
F01D8H	Timer mode register 14	TMR14						
F01D9H								
F01DAH	Timer mode register 15	TMR15						
F01DBH								
F01DCH	Timer mode register 16	TMR16						
F01DDH								
F01DEH	Timer mode register 17	TMR17						
F01DFH								
F01E0H	Timer status register 10	TSR10L	TSR10					
F01E1H		-						
F01E2H	Timer status register 11	TSR11L	TSR11					
F01E3H		-						
F01E4H	Timer status register 12	TSR12L	TSR12					
F01E5H		-						
F01E6H	Timer status register 13	TSR13L	TSR13					
F01E7H		-						
F01E8H	Timer status register 14	TSR14L	TSR14					
F01E9H		-						
F01EAH	Timer status register 15	TSR15L	TSR15					
F01EBH		-						
F01ECH	Timer status register 16	TSR16L	TSR16					
F01EDH		-						

RENESAS

Table 1-3 List of extended SFRs (2nd SFR) of Group A of RL78/F13 (LIN incorporated) (6/10)

Address	Special function register (SFR) name	Symbol		64-pin	48-pin	32-pin	30-pin	20-pin
						Pin count		
F01EEH	Timer status register 17	TSR17L	TSR17					
F01EFH		-						
F01F0H	Timer channel enable status register 1	TE1L	TE1					
F01F1H		-						
F01F2H	Timer channel start register 1	TS1L	TS1					
F01F3H		-						
F01F4H	Timer channel stop register 1	TT1L	TT1					
F01F5H		-						
F01F6H	Timer clock select register 1	TPS1						
F01F7H								
F01F8H	Timer output register 1	TO1L	TO1					
F01F9H		-						
F01FAH	Timer output enable register 1	TOE1L	TOE1					
F01FBH		-						
F01FCH	Timer output level register 1	TOL1L	TOL1					
F01FDH		-						
F01FEH	Timer output mode register 1	TOM1L	TOM1					
F01FFH		-						
F0200H	Error address storage register	ERADR		✓	✓	✓	✓	✓
F0201H								
F0202H	1-bit error detection interrupt enable register	ECCIER		✓	✓	✓	✓	✓
F0203H	Bit error detection register	ECCER		✓	✓	✓	✓	✓
F0204H	ECC test protect register	ECCTPR		✓	✓	✓	✓	✓
F0205H	ECC test mode register	ECCTMDR		✓	✓	✓	✓	✓
F0206H	Write data inversion register	ECCDWRVR		✓	✓	✓	✓	✓
F0207H								
F0220H	Port output slew rate select register	PSRSEL		✓	✓	✓	✓	✓
F0222H	SNOOZE status output control register 0	PSNZCNT0		✓	✓	✓	✓	✓
F0223H	SNOOZE status output control register 1	PSNZCNT1		✓	✓	✓	✓	
F0224H	SNOOZE status output control register 2	PSNZCNT2		✓	✓			
F0225H	SNOOZE status output control register 3	PSNZCNT3		✓	✓			
F0227H	D/A converter mode register 2	DAM2						
F0228H	PWM output delay control register 0	PWMDLY0		✓	✓	✓	✓	✓
F0229H								
F022AH	PWM output delay control register 1	PWMDLY1		✓	✓	✓	✓	✓
F022BH								
F022CH	PWM output delay control register 2	PWMDLY2						
F022DH								
F0230H	IICA control register 00	IICCTL00						
F0231H	IICA control register 01	IICCTL01						
F0232H	IICA low-level width setting register 0	IICWL0						
F0233H	IICA high-level width setting register 0	IICWH0						
F0234H	Slave address register 0	SVA0						
F0240H	Timer RJ control register 0	TRJCR0		✓	✓	✓	✓	✓
F0241H	Timer RJ I/O control register 0	TRJIOC0		✓	✓	✓	✓	
F0242H	Timer RJ mode register 0	TRJMR0		✓	✓	✓	✓	✓
F0243H	Timer RJ event pin select register 0	TRJISR0		✓	✓	✓	✓	
F0260H	Timer RD ELC register	TRDELC						
F0263H	Timer RD start register	TRDSTR		✓	✓	✓	✓	✓
F0264H	Timer RD mode register	TRDMR		✓	✓	✓	✓	✓

Table 1-3 List of extended SFRs (2nd SFR) of Group A of RL78/F13 (LIN incorporated) (7/10)

Address	Special function register (SFR) name	Symbol	Pin count				
			64-pin	48-pin	32-pin	30-pin	20-pin
F0265H	Timer RD PWM function select register	TRDPMR	✓	✓	✓	✓	✓
F0266H	Timer RD function control register	TRDFCR	✓	✓	✓	✓	✓
F0267H	Timer RD output master enable register 1	TRDOER1	✓	✓	✓	✓	✓
F0268H	Timer RD output master enable register 2	TRDOER2	✓	✓	✓	✓	✓
F0269H	Timer RD output control register	TRDOCR	✓	✓	✓	✓	✓
F026AH	Timer RD digital filter function select register 0	TRDDF0	✓	✓	✓	✓	✓
F026BH	Timer RD digital filter function select register 1	TRDDF1	✓	✓	✓	✓	✓
F0270H	Timer RD control register 0	TRDCR0	✓	✓	✓	✓	✓
F0271H	Timer RD I/O control register A0	TRDIORA0	✓	✓	✓	✓	✓
F0272H	Timer RD I/O control register C0	TRDIORC0	✓	✓	✓	✓	✓
F0273H	Timer RD status register 0	TRDSR0	✓	✓	✓	✓	✓
F0274H	Timer RD interrupt enable register 0	TRDIER0	✓	✓	✓	✓	✓
F0275H	Timer RD PWM function output level control register 0	TRDPOCR0	✓	✓	✓	✓	✓
F0276H	Timer RD counter 0	TRD0	✓	✓	✓	✓	✓
F0277H							
F0278H	Timer RD general register A0	TRDGRA0	✓	✓	✓	✓	✓
F0279H							
F027AH	Timer RD general register B0	TRDGRB0	✓	✓	✓	✓	✓
F027BH							
F0280H	Timer RD control register 1	TRDCR1	✓	✓	✓	✓	✓
F0281H	Timer RD I/O control register A1	TRDIORA1	✓	✓	✓	✓	✓
F0282H	Timer RD I/O control register C1	TRDIORC1	✓	✓	✓	✓	✓
F0283H	Timer RD status register 1	TRDSR1	✓	✓	✓	✓	✓
F0284H	Timer RD interrupt enable register 1	TRDIER1	✓	✓	✓	✓	✓
F0285H	Timer RD PWM function output level control register 1	TRDPOCR1	✓	✓	✓	✓	✓
F0286H	Timer RD counter 1	TRD1	✓	✓	✓	✓	✓
F0287H							
F0288H	Timer RD general register A1	TRDGRA1	✓	✓	✓	✓	✓
F0289H							
F028AH	Timer RD general register B1	TRDGRB1	✓	✓	✓	✓	✓
F028BH							
F02A0H	Comparator control register	CMPCTL					
F02A1H	Comparator I/O switch register	CMPSEL					
F02A2H	Comparator output monitor register	CMPMON					
F02C0H	Peripheral enable register 1	PER1	✓	✓	✓	✓	✓
F02C1H	Peripheral enable register 2	PER2	✓	✓	✓	✓	✓
F02C2H	CAN clock select register	CANCKSEL					
F02C3H	LIN clock select register	LINCKSEL	✓	✓	✓	✓	✓
F02C4H	Clock select register	CKSEL	✓	✓	✓	✓	✓
F02C5H	PLL control register	PLLCTL	✓	✓	✓	✓	✓
F02C6H	PLL status register	PLLSTS	✓	✓	✓	✓	✓
F02C7H	f_{MP} clock division register	MDIV	✓	✓	✓	✓	✓
F02C8H	RTC clock select register	RTCCL	✓	✓	✓	✓	✓
F02C9H	POR/CLM reset confirmation register	POCRES	✓	✓	✓	✓	✓
F02CAH	STOP status output control register	STPSTC	✓	✓			
F02D0H	High-speed DTC control register 0	HDTCCR0	✓	✓	✓	✓	✓
F02D2H	High-speed DTC transfer number register 0	HDTCCT0	✓	✓	✓	✓	✓
F02D3H	High-speed DTC transfer number reload register 0	HDTRLD0	✓	✓	✓	✓	✓

RENESAS

Table 1-3 List of extended SFRs (2nd SFR) of Group A of RL78/F13 (LIN incorporated) (8/10)

Address	Special function register (SFR) name	Symbol		Pin count				
				64-pin	48-pin	32-pin	30-pin	20-pin
F02D4H	High-speed DTC source address register 0	HDTSAR0		✓	✓	✓	✓	✓
F02D5H								
F02D6H	High-speed DTC destination address register 0	HDTDAR0		✓	✓	✓	✓	✓
F02D7H								
F02D8H	High-speed DTC control register 1	HDTCCR1		✓	✓	✓	✓	✓
F02DAH	High-speed DTC transfer number register 1	HDTCCT1		✓	✓	✓	✓	✓
F02DBH	High-speed DTC transfer number reload register 1	HDTRLD1		✓	✓	✓	✓	✓
F02DCH	High-speed DTC source address register 1	HDTSAR1		✓	✓	✓	✓	✓
F02DDH								
F02DEH	High-speed DTC destination address register 1	HDTDAR1		✓	✓	✓	✓	✓
F02DDH								
F02E0H	DTC base address register	DTCBAR		✓	✓	✓	✓	✓
F02E1H	High-speed DTC channel select register 0	SELHS0		✓	✓	✓	✓	✓
F02E2H	High-speed DTC channel select register 1	SELHS1		✓	✓	✓	✓	✓
F02E8H	DTC activation enable register 0	DTCEN0		✓	✓	✓	✓	✓
F02E9H	DTC activation enable register 1	DTCEN1		✓	✓	✓	✓	✓
F02EAH	DTC activation enable register 2	DTCEN2		✓	✓	✓	✓	✓
F02EBH	DTC activation enable register 3	DTCEN3		✓	✓	✓	✓	✓
F02ECH	DTC activation enable register 4	DTCEN4		✓	✓	✓	✓	✓
F02EDH	DTC activation enable register 5	DTCEN5						
F02F0H	Flash memory CRC control register	CRC0CTL		✓	✓	✓	✓	✓
F02F2H	Flash memory CRC operation result register	PGCRCL		✓	✓	✓	✓	✓
F02F3H								
F02F9H	CRC operation mode control register	CRCMD		✓	✓	✓	✓	✓
F02FAH	CRC data register	CRCD		✓	✓	✓	✓	✓
F02FBH								
F0300H -F0681H	CAN-related registers are not supported by the Group A products.							
F06C1H	LIN wakeup baud rate select register	LWBR0		✓	✓	✓	✓	✓
		LWBR1						
F06C2H	LIN/UART baud rate prescaler 0 register	LBRP00	LBRP0/	✓	✓	✓	✓	✓
		LBRP10	LBRP1					
F06C3H	LIN/UART baud rate prescaler 1 register	LBRP01		✓	✓	✓	✓	✓
		LBRP11						
F06C4H	LIN self-test control register	LSTC0		✓	✓	✓	✓	✓
		LSTC1						
F06C5H	UART standby control register	LUSC0		✓	✓	✓	✓	✓
		LUSC1						

Table 1-3 List of extended SFRs (2nd SFR) of Group A of RL78/F13 (LIN incorporated) (9/10)

Address	Special function register (SFR) name	Symbol	Pin count				
			64-pin	48-pin	32-pin	30-pin	20-pin
F06C8H	LIN/UART mode register	LMD0	✓	✓	✓	✓	✓
		LMD1					
F06C9H	LIN break field configuration register/ UART configuration register	LBFC0	✓	✓	✓	✓	✓
		LBFC1					
F06CAH	LIN/UART space configuration register	LSC0	✓	✓	✓	✓	✓
		LSC1					
F06CBH	LIN wakeup configuration register	LWUP0	✓	✓	✓	✓	✓
		LWUP1					
F06CCH	LIN interrupt enable register	LIE0	✓	✓	✓	✓	✓
		LIE1					
F06CDH	LIN/UART error detection enable register	LEDE0	✓	✓	✓	✓	✓
		LEDE1					
F06CEH	LIN/UART control register	LCUC0	✓	✓	✓	✓	✓
		LCUC1					
F06D0H	LIN/UART transmission control register	LTRC0	✓	✓	✓	✓	✓
		LTRC1					
F06D1H	LIN/UART mode status register	LMST0	✓	✓	✓	✓	✓
		LMST1					
F06D2H	LIN/UART status register	LST0	✓	✓	✓	✓	✓
		LST1					
F06D3H	LIN/UART error status register	LEST0	✓	✓	✓	✓	✓
		LEST1					
F06D4H	LIN/UART data field configuration register	LDFC0	✓	✓	✓	✓	✓
		LDFC1					
F06D5H	LIN/UART ID buffer register	LIDB0	✓	✓	✓	✓	✓
		LIDB1					
F06D6H	LIN checksum buffer register	LCBR0	✓	✓	✓	✓	✓
		LCBR1					
F06D7H	UART data buffer 0 register	LUDB00	✓	✓	✓	✓	✓
		LUDB10					
F06D8H	LIN/UART data buffer 1 register	LDB01	✓	✓	✓	✓	✓
		LDB11					
F06D9H	LIN/UART data buffer 2 register	LDB02	✓	✓	✓	✓	✓
		LDB12					
F06DAH	LIN/UART data buffer 3 register	LDB03	✓	✓	✓	✓	✓
		LDB13					
F06DBH	LIN/UART data buffer 4 register	LDB04	✓	✓	✓	✓	✓
		LDB14					
F06DCH	LIN/UART data buffer 5 register	LDB05	✓	✓	✓	✓	✓
		LDB15					
F06DDH	LIN/UART data buffer 6 register	LDB06	✓	✓	✓	✓	✓
		LDB16					
F06DEH	LIN/UART data buffer 7 register	LDB07	✓	✓	✓	✓	✓
		LDB17					
F06DFH	LIN/UART data buffer 8 register	LDB08	✓	✓	✓	✓	✓
		LDB18					
F06E0H	UART operation enable register	LUOER0	✓	✓	✓	✓	✓
		LUOER1					

RENESAS

Table 1-3 List of extended SFRs (2nd SFR) of Group A of RL78/F13 (LIN incorporated) (10/10)

Address	Special function register (SFR) name	Symbol		Pin count				
				64-pin	48-pin	32-pin	30-pin	20-pin
F06E1H	UART option register 1	LUOR01		✓	✓	✓	✓	✓
		LUOR11						
F06E4H	UART transmission data register	LUTDR0L	LUTDR0/	✓	✓	✓	✓	✓
		LUTDR1L	LUTDR1					
F06E5H		LUTDR0H		✓	✓	✓	✓	✓
		LUTDR1H						
F06E6H	UART reception data register	LURDR0L	LURDR0/	✓	✓	✓	✓	✓
		LURDR1L	LURDR1					
F06E7H		LURDR0H		✓	✓	✓	✓	✓
		LURDR1H						
F06E8H	UART wait transmission data register	LUWTDR0L	LUWTDR0/	✓	✓	✓	✓	✓
		LUWTDR1L	LUWTDR1					
F06E9H		LUWTDR0H		✓	✓	✓	✓	✓
		LUWTDR1H						
F06F0H	Timer RJ counter register 0	TRJ0		✓	✓	✓	✓	✓
F06F1H								
F0780H	Event output destination select register 00	ELSELR00						
F0781H	Event output destination select register 01	ELSELR01						
F0782H	Event output destination select register 02	ELSELR02						
F0783H	Event output destination select register 03	ELSELR03						
F0784H	Event output destination select register 04	ELSELR04						
F0785H	Event output destination select register 05	ELSELR05						
F0786H	Event output destination select register 06	ELSELR06						
F0787H	Event output destination select register 07	ELSELR07						
F0788H	Event output destination select register 08	ELSELR08						
F0789H	Event output destination select register 09	ELSELR09						
	A/D converter trigger select register 0	ADTRGS0		✓	✓	✓	✓	✓
F078AH	Event output destination select register 10	ELSELR10						
F078BH	Event output destination select register 11	ELSELR11						
F078CH	Event output destination select register 12	ELSELR12						
F078DH	Event output destination select register 13	ELSELR13						
	A/D converter trigger select register 1	ADTRGS1		✓	✓	✓	✓	✓
F078EH	Event output destination select register 14	ELSELR14						
F078FH	Event output destination select register 15	ELSELR15						
F0790H	Event output destination select register 16	ELSELR16						
F0791H	Event output destination select register 17	ELSELR17						
F0792H	Event output destination select register 18	ELSELR18						
F0793H	Event output destination select register 19	ELSELR19						
F0794H	Event output destination select register 20	ELSELR20						
F0795H	Event output destination select register 21	ELSELR21						
F0796H	Event output destination select register 22	ELSELR22						
F0797H	Event output destination select register 23	ELSELR23						
F0798H	Event output destination select register 24	ELSELR24						
F0799H	Event output destination select register 25	ELSELR25						

RENESAS

1.2   SFRs for Group B products of RL78/F13 (LIN incorporated)

Table 1.4 lists the Group B products of RL78/F13 (LIN incorporated).

Table 1.4 List of SFRs of Group B of RL78/F13 (LIN incorporated)

Code Flash	Data Flash	RAM	Pin count					
			80-pin	64 pin	48-pin	32-pin	30-pin	20-pin
16KB	4KB	1KB	-	-	R5F10AGA	R5F10ABA	R5F10AAA	R5F10A6A
32KB		2KB	-	R5F10ALC	R5F10AGC	R5F10ABC	R5F10AAC	R5F10A6C
48KB		3KB	-	R5F10ALD	R5F10AGD	R5F10ABD	R5F10AAD	R5F10A6D
64KB		4KB	R5F10AME	R5F10ALE	R5F10AGE	R5F10ABE	R5F10AAE	R5F10A6E
96KB		6KB	R5F10AMF	R5F10ALF	R5F10AGF	-	-	-
128KB		8KB	R5F10AMG	R5F10ALG	R5F10AGG	-	-	-

The following **Table 1.5** and **Table 1.6** list the special function registers (SFRs) and the extended SFRs of the Group B products of RL78/F13 (LIN incorporated).

Table 1.5 List of SRFs of Group B of RL78/F13 (LIN incorporated) (1/4)

Address	Special function register (SFR) name	Symbol		Pin count		
				80-pin	64-pin	48-pin
FFF00H	Port register 0	P0		✓	✓	✓
FFF01H	Port register 1	P1		✓	✓	✓
FFF03H	Port register 3	P3		✓	✓	✓
FFF04H	Port register 4	P4		✓	✓	✓
FFF05H	Port register 5	P5		✓	✓	
FFF06H	Port register 6	P6		✓	✓	✓
FFF07H	Port register 7	P7		✓	✓	✓
FFF08H	Port register 8	P8		✓	✓	✓
FFF09H	Port register 9	P9		✓	✓	✓
FFF0AH	Port register 10	P10				
FFF0CH	Port register 12	P12		✓	✓	✓
FFF0DH	Port register 13	P13		✓	✓	✓
FFF0EH	Port register 14	P14		✓	✓	✓
FFF0FH	Port register 15	P15				
FFF10H	Serial data register 00	SDR00L	SDR00	✓	✓	✓
FFF11H		-		✓	✓	✓
FFF12H	Serial data register 01	SDR01L	SDR01	✓	✓	✓
FFF13H		-		✓	✓	✓
FFF18H	Timer data register 00	TDR00		✓	✓	✓
FFF19H						
FFF1AH	Timer data register 01	TDR01L	TDR01	✓	✓	✓
FFF1BH		TDR01H		✓	✓	✓
FFF1EH	10-bit A/D conversion result register	-	ADCR	✓	✓	✓
FFF1FH	8-bit A/D conversion result register	ADCRH		✓	✓	✓
FFF20H	Port mode register 0	PM0		✓	✓	✓
FFF21H	Port mode register 1	PM1		✓	✓	✓
FFF23H	Port mode register 3	PM3		✓	✓	✓
FFF24H	Port mode register 4	PM4		✓	✓	✓
FFF25H	Port mode register 5	PM5		✓	✓	
FFF26H	Port mode register 6	PM6		✓	✓	✓
FFF27H	Port mode register 7	PM7		✓	✓	✓
FFF28H	Port mode register 8	PM8		✓	✓	✓
FFF29H	Port mode register 9	PM9		✓	✓	✓
FFF2AH	Port mode register 10	PM10				
FFF2CH	Port mode register 12	PM12		✓	✓	✓
FFF2EH	Port mode register 14	PM14		✓	✓	✓
FFF2FH	Port mode register 15	PM15				
FFF30H	A/D converter mode register 0	ADM0		✓	✓	✓
FFF31H	Analog input channel specification register	ADS		✓	✓	✓
FFF32H	A/D converter mode register 1	ADM1		✓	✓	✓
FFF34H	D/A conversion value setting register 0	DACS0				
FFF36H	D/A converter mode register	DAM				
FFF37H	Key return mode register	KRM		✓	✓	✓
FFF38H	External interrupt rising edge enable register 0	EGP0		✓	✓	✓
FFF39H	External interrupt falling edge enable register 0	EGN0		✓	✓	✓
FFF3AH	External interrupt rising edge enable register 1	EGP1		✓	✓	✓

Table 1-5 List of SRFs of Group B of RL78/F13 (LIN incorporated) (2/4)

Address	Special function register (SFR) name	Symbol		Pin count		
				80-pin	64-pin	48-pin
FFF3BH	External interrupt falling edge enable register 1	EGN1		✓	✓	✓
FFF48H	Serial data register 10	SDR10L	SDR10	✓	✓	✓
FFF49H		-		✓	✓	✓
FFF4AH	Serial data register 11	SDR11L	SDR11	✓	✓	✓
FFF4BH		-		✓	✓	✓
FFF50H	IICA shift register 0	IICA0		✓	✓	✓
FFF51H	IICA status register 0	IICS0		✓	✓	✓
FFF52H	IICA flag register 0	IICF0		✓	✓	✓
FFF54H	16-bit watch error correction register	SUBCUDW		✓	✓	✓
FFF55H						
FFF58H	Timer RD general register C0	TRDGRC0		✓	✓	✓
FFF59H						
FFF5AH	Timer RD general register D0	TRDGRD0		✓	✓	✓
FFF5BH						
FFF5CH	Timer RD general register C1	TRDGRC1		✓	✓	✓
FFF5DH						
FFF5EH	Timer RD general register D1	TRDGRD1		✓	✓	✓
FFF5FH						
FFF64H	Timer data register 02	TDR02		✓	✓	✓
FFF65H						
FFF66H	Timer data register 03	TDR03L	TDR03	✓	✓	✓
FFF67H		TDR03H		✓	✓	✓
FFF68H	Timer data register 04	TDR04		✓	✓	✓
FFF69H						
FFF6AH	Timer data register 05	TDR05		✓	✓	✓
FFF6BH						
FFF6CH	Timer data register 06	TDR06		✓	✓	✓
FFF6DH						
FFF6EH	Timer data register 07	TDR07		✓	✓	✓
FFF6FH						
FFF70H	Timer data register 10	TDR10		✓	✓	✓
FFF71H						
FFF72H	Timer data register 11	TDR11L	TDR11	✓	✓	✓
FFF73H		TDR11H		✓	✓	✓
FFF74H	Timer data register 12	TDR12		✓	✓	✓
FFF75H						
FFF76H	Timer data register 13	TDR13L	TDR13	✓	✓	✓
FFF77H		TDR13H		✓	✓	✓
FFF78H	Timer data register 14	TDR14				
FFF79H						
FFF7AH	Timer data register 15	TDR15				
FFF7BH						
FFF7CH	Timer data register 16	TDR16				
FFF7DH						
FFF7EH	Timer data register 17	TDR17				
FFF7FH						
FFF92H	Second count register	SEC		✓	✓	✓
FFF93H	Minute count register	MIN		✓	✓	✓
FFF94H	Hour count register	HOUR		✓	✓	✓

RENESAS

Table 1-5 List of SRFs of Group B of RL78/F13 (LIN incorporated) (3/4)

Address	Special function register (SFR) name	Symbol		Pin count		
				80-pin	64-pin	48-pin
FFF95H	Week count register	WEEK		✓	✓	✓
FFF96H	Day count register	DAY		✓	✓	✓
FFF97H	Month count register	MONTH		✓	✓	✓
FFF98H	Year count register	YEAR		✓	✓	✓
FFF99H	Watch error correction register	SUBCUD		✓	✓	✓
FFF9AH	Alarm minute register	ALARMWM		✓	✓	✓
FFF9BH	Alarm hour register	ALARMWH		✓	✓	✓
FFF9CH	Alarm week register	ALARMWW		✓	✓	✓
FFF9DH	Real-time clock control register 0	RTCC0		✓	✓	✓
FFF9EH	Real-time clock control register 1	RTCC1		✓	✓	✓
FFFA0H	Clock operation mode control register	CMC		✓	✓	✓
FFFA1H	Clock operation status control register	CSC		✓	✓	✓
FFFA2H	Oscillation stabilization time counter status register	OSTC		✓	✓	✓
FFFA3H	Oscillation stabilization time select register	OSTS		✓	✓	✓
FFFA4H	System clock control register	CKC		✓	✓	✓
FFFA5H	Clock output select register 0	CKS0		✓	✓	✓
FFFA8H	Reset control flag register	RESF		✓	✓	✓
FFFA9H	Voltage detection register	LVIM		✓	✓	✓
FFFAAH	Voltage detection level register	LVIS		✓	✓	✓
FFFABH	Watchdog timer enable register	WDTE		✓	✓	✓
FFFACH	CRC input register	CRCIN		✓	✓	✓
FFFD0H	Interrupt request flag register 2L	IF2L	IF2	✓	✓	✓
FFFD1H	Interrupt request flag register 2H	IF2H		✓	✓	✓
FFFD2H	Interrupt request flag register 3L	IF3L				
FFFD4H	Interrupt mask flag register 2L	MK2L	MK2	✓	✓	✓
FFFD5H	Interrupt mask flag register 2H	MK2H		✓	✓	✓
FFFD6H	Interrupt mask flag register 3L	MK3L				
FFFD8H	Priority specification flag register 02L	PR02L	PR02	✓	✓	✓
FFFD9H	Priority specification flag register 02H	PR02H		✓	✓	✓
FFFDAH	Priority specification flag register 03L	PR03L				
FFFDCH	Priority specification flag register 12L	PR12L	PR12	✓	✓	✓
FFFDDH	Priority specification flag register 12H	PR12H		✓	✓	✓
FFFDEH	Priority specification flag register 13L	PR13L				
FFFE0H	Interrupt request flag register 0L	IF0L	IF0	✓	✓	✓
FFFE1H	Interrupt request flag register 0H	IF0H		✓	✓	✓
FFFE2H	Interrupt request flag register 1L	IF1L	IF1	✓	✓	✓
FFFE3H	Interrupt request flag register 1H	IF1H		✓	✓	✓
FFFE4H	Interrupt mask flag register 0L	MK0L	MK0	✓	✓	✓
FFFE5H	Interrupt mask flag register 0H	MK0H		✓	✓	✓
FFFE6H	Interrupt mask flag register 1L	MK1L	MK1	✓	✓	✓
FFFE7H	Interrupt mask flag register 1H	MK1H		✓	✓	✓
FFFE8H	Priority specification flag register 00L	PR00L	PR00	✓	✓	✓
FFFE9H	Priority specification flag register 00H	PR00H		✓	✓	✓
FFFEAH	Priority specification flag register 01L	PR01L	PR01	✓	✓	✓
FFFEBH	Priority specification flag register 01H	PR01H		✓	✓	✓
FFFECH	Priority specification flag register 10L	PR10L	PR10	✓	✓	✓
FFFEDH	Priority specification flag register 10H	PR10H		✓	✓	✓

RENESAS

Table 1-5 List of SRFs of Group B of RL78/F13 (LIN incorporated) (4/4)

Address	Special function register (SFR) name	Symbol		Pin count		
				80-pin	64-pin	48-pin
FFFEEH	Priority specification flag register 11L	PR11L	PR11	✓	✓	✓
FFFEFH	Priority specification flag register 11H	PR11H		✓	✓	✓
FFFF0H	Multiply and accumulation register (L)	MACRL		✓	✓	✓
FFFF1H						
FFFF2H	Multiply and accumulation register (H)	MACRH		✓	✓	✓
FFFF3H						
FFFFEH	Processor mode control register	PMC		✓	✓	✓

Table 1.6 List of extended SFRs (2nd SFR) of Group B of RL78/F13 (LIN incorporated) (1/10)

Address	Special function register (SFR) name	Symbol	Pin count		
			80-pin	64-pin	48-pin
F0010H	A/D converter mode register 2	ADM2	✓	✓	✓
F0011H	Conversion result comparison upper limit setting register	ADUL	✓	✓	✓
F0012H	Conversion result comparison lower limit setting register	ADLL	✓	✓	✓
F0013H	A/D test register	ADTES	✓	✓	✓
F0016H	Peripheral I/O redirection register 0	PIOR0	✓	✓	✓
F0017H	Peripheral I/O redirection register 1	PIOR1	✓	✓	✓
F0018H	Peripheral I/O redirection register 2	PIOR2	✓		
F0019H	Peripheral I/O redirection register 3	PIOR3	✓		
F001AH	Peripheral I/O redirection register 4	PIOR4	✓	✓	✓
F001BH	Peripheral I/O redirection register 5	PIOR5	✓	✓	✓
F001CH	Peripheral I/O redirection register 6	PIOR6	✓		
F001DH	Peripheral I/O redirection register 7	PIOR7	✓	✓	✓
F001EH	Peripheral I/O redirection register 8	PIOR8			
F0021H	Port input threshold control register 1	PITHL1	✓	✓	✓
F0023H	Port input threshold control register 3	PITHL3	✓	✓	✓
F0024H	Port input threshold control register 4	PITHL4	✓	✓	
F0025H	Port input threshold control register 5	PITHL5	✓	✓	
F0026H	Port input threshold control register 6	PITHL6	✓	✓	✓
F0027H	Port input threshold control register 7	PITHL7	✓	✓	✓
F002AH	Port input threshold control register 10	PITHL10			
F002CH	Port input threshold control register 12	PITHL12	✓	✓	✓
F002FH	Port input threshold control register 15	PITHL15			
F0030H	Pull-up resistor option register 0	PU0	✓	✓	✓
F0031H	Pull-up resistor option register 1	PU1	✓	✓	✓
F0033H	Pull-up resistor option register 3	PU3	✓	✓	✓
F0034H	Pull-up resistor option register 4	PU4	✓	✓	✓
F0035H	Pull-up resistor option register 5	PU5	✓	✓	
F0036H	Pull-up resistor option register 6	PU6	✓	✓	✓
F0037H	Pull-up resistor option register 7	PU7	✓	✓	✓
F0039H	Pull-up resistor option register 9	PU9	✓	✓	
F003AH	Pull-up resistor option register 10	PU10			
F003CH	Pull-up resistor option register 12	PU12	✓	✓	✓
F003EH	Pull-up resistor option register 14	PU14	✓	✓	✓
F003FH	Pull-up resistor option register 15	PU15			
F0041H	Port input mode register 1	PIM1	✓	✓	✓
F0043H	Port input mode register 3	PIM3	✓	✓	✓
F0045H	Port input mode register 5	PIM5	✓		
F0046H	Port input mode register 6	PIM6	✓	✓	✓
F0047H	Port input mode register 7	PIM7	✓	✓	✓
F004CH	Port input mode register 12	PIM12	✓	✓	✓
F0051H	Port output mode register 1	POM1	✓	✓	✓
F0056H	Port output mode register 6	POM6	✓	✓	✓
F0057H	Port output mode register 7	POM7	✓	✓	✓
F005CH	Port output mode register 12	POM12	✓	✓	✓
F0067H	Port mode control register 7	PMC7			
F0069H	Port mode control register 9	PMC9	✓	✓	
F006CH	Port mode control register 12	PMC12	✓	✓	✓
F0070H	Noise filter enable register 0	NFEN0	✓	✓	✓
F0071H	Noise filter enable register 1	NFEN1	✓	✓	✓

RENESAS

Table 1-6 List of extended SFRs (2nd SFR) of Group B of RL78/F13 (LIN incorporated) (2/10)

Address	Special function register (SFR) name	Symbol		Pin count		
				80-pin	64-pin	48-pin
F0072H	Noise filter enable register 2	NFEN2		✓	✓	✓
F0073H	Input switch control register	ISC		✓	✓	✓
F0074H	Timer input select register 0	TIS0		✓	✓	✓
F0075H	Timer input select register 1	TIS1		✓	✓	✓
F0076H	A/D port configuration register	ADPC		✓	✓	✓
F0077H	Port mode select register	PMS		✓	✓	✓
F0078H	Invalid memory access detection control register	IAWCTL		✓	✓	✓
F0079H	Interrupt source determination flag register 0	INTFLG0		✓	✓	✓
F007AH	Timer input select register 2	TIS2				
F007BH	LIN channel select register	LCHSEL		✓	✓	✓
F007CH	Interrupt mask register	INTMSK		✓	✓	✓
F0090H	Data flash control register	DFLCTL		✓	✓	✓
F00A0H	High-speed on-chip oscillator trimming register	HIOTRM		✓	✓	✓
F00A8H	High-speed on-chip oscillator frequency select register	HOCODIV		✓	✓	✓
F00D8H	SPM control register	SPMCTRL		✓	✓	✓
F00DAH	SP overflow address setting register	SPOFR		✓	✓	✓
F00DBH						
F00DCH	SP underflow address setting register	SPUFR		✓	✓	✓
F00DDH						
F00F0H	Peripheral enable register 0	PER0		✓	✓	✓
F00F3H	Operation speed mode control register	OSMC		✓	✓	✓
F00FEH	BCD correction result register	BCDADJ		✓	✓	✓
F0100H	Serial status register 00	SSR00L	SSR00	✓	✓	✓
F0101H		-		✓	✓	✓
F0102H	Serial status register 01	SSR01L	SSR01	✓	✓	✓
F0103H		-		✓	✓	✓
F0104H	Serial flag clear trigger register 00	SIR00L	SIR00	✓	✓	✓
F0105H		-		✓	✓	✓
F0106H	Serial flag clear trigger register 01	SIR01L	SIR01	✓	✓	✓
F0107H		-		✓	✓	✓
F0108H	Serial mode register 00	SMR00		✓	✓	✓
F0109H						
F010AH	Serial mode register 01	SMR01		✓	✓	✓
F010BH						
F010CH	Serial communication operation setting register 00	SCR00		✓	✓	✓
F010DH						
F010EH	Serial communication operation setting register 01	SCR01		✓	✓	✓
F010FH						
F0110H	Serial channel enable status register 0	SE0L	SE0	✓	✓	✓
F0111H		-		✓	✓	✓
F0112H	Serial channel start register 0	SS0L	SS0	✓	✓	✓
F0113H		-		✓	✓	✓
F0114H	Serial channel stop register 0	ST0L	ST0	✓	✓	✓
F0115H		-		✓	✓	✓
F0116H	Serial clock select register 0	SPS0L	SPS0	✓	✓	✓
F0117H		-		✓	✓	✓

Table 1-6 List of extended SFRs (2ⁿᵈ SFR) of Group B of RL78/F13 (LIN incorporated) (3/10)

Address	Special function register (SFR) name	Symbol		Pin count		
				80-pin	64-pin	48-pin
F0118H	Serial output register 0	SO0		✓	✓	✓
F0119H						
F011AH	Serial output enable register 0	SOE0L	SOE0	✓	✓	✓
F011BH		-		✓	✓	✓
F0120H	Serial output level register 0	SOL0L	SOL0	✓	✓	✓
F0121H		-		✓	✓	✓
F0122H	Serial slave select enable register 0	SSE0L	SSE0	✓	✓	✓
F0123H		-		✓	✓	✓
F0140H	Serial status register 10	SSR10L	SSR10	✓	✓	✓
F0141H		-		✓	✓	✓
F0142H	Serial status register 11	SSR11L	SSR11	✓	✓	✓
F0143H		-		✓	✓	✓
F0144H	Serial flag clear trigger register 10	SIR10L	SIR10	✓	✓	✓
F0145H		-		✓	✓	✓
F0146H	Serial flag clear trigger register 11	SIR11L	SIR11	✓	✓	✓
F0147H		-		✓	✓	✓
F0148H	Serial mode register 10	SMR10		✓	✓	✓
F0149H						
F014AH	Serial mode register 11	SMR11		✓	✓	✓
F014BH						
F014CH	Serial communication operation setting register 10	SCR10		✓	✓	✓
F014DH						
F014EH	Serial communication operation setting register 11	SCR11		✓	✓	✓
F014FH						
F0150H	Serial channel enable status register 1	SE1L	SE1	✓	✓	✓
F0151H		-		✓	✓	✓
F0152H	Serial channel start register 1	SS1L	SS1	✓	✓	✓
F0153H		-		✓	✓	✓
F0154H	Serial channel stop register 1	ST1L	ST1	✓	✓	✓
F0155H		-		✓	✓	✓
F0156H	Serial clock select register 1	SPS1L	SPS1	✓	✓	✓
F0157H		-		✓	✓	✓
F0158H	Serial output register 1	SO1		✓	✓	✓
F0159H						
F015AH	Serial output enable register 1	SOE1L	SOE1	✓	✓	✓
F015BH		-		✓	✓	✓
F0160H	Serial output level register 1	SOL1L	SOL1	✓	✓	✓
F0161H		-		✓	✓	✓
F0162H	Serial slave select enable register 1	SSE1L	SSE1	✓	✓	✓
F0163H		-		✓	✓	✓
F0180H	Timer counter register 00	TCR00		✓	✓	✓
F0181H						
F0182H	Timer counter register 01	TCR01		✓	✓	✓
F0183H						
F0184H	Timer counter register 02	TCR02		✓	✓	✓
F0185H						
F0186H	Timer counter register 03	TCR03		✓	✓	✓
F0187H						
F0188H	Timer counter register 04	TCR04		✓	✓	✓
F0189H						

RENESAS

Table 1-6 List of extended SFRs (2nd SFR) of Group B of RL78/F13 (LIN incorporated) (4/10)

Address	Special function register (SFR) name	Symbol		Pin count		
				80-pin	64-pin	48-pin
F018AH	Timer counter register 05	TCR05		✓	✓	✓
F018BH						
F018CH	Timer counter register 06	TCR06		✓	✓	✓
F018DH						
F018EH	Timer counter register 07	TCR07		✓	✓	✓
F018FH						
F0190H	Timer mode register 00	TMR00		✓	✓	✓
F0191H						
F0192H	Timer mode register 01	TMR01		✓	✓	✓
F0193H						
F0194H	Timer mode register 02	TMR02		✓	✓	✓
F0195H						
F0196H	Timer mode register 03	TMR03		✓	✓	✓
F0197H						
F0198H	Timer mode register 04	TMR04		✓	✓	✓
F0199H						
F019AH	Timer mode register 05	TMR05		✓	✓	✓
F019BH						
F019CH	Timer mode register 06	TMR06		✓	✓	✓
F019DH						
F019EH	Timer mode register 07	TMR07		✓	✓	✓
F019FH						
F01A0H	Timer status register 00	TSR00L	TSR00	✓	✓	✓
F01A1H		-		✓	✓	✓
F01A2H	Timer status register 01	TSR01L	TSR01	✓	✓	✓
F01A3H		-		✓	✓	✓
F01A4H	Timer status register 02	TSR02L	TSR02	✓	✓	✓
F01A5H		-		✓	✓	✓
F01A6H	Timer status register 03	TSR03L	TSR03	✓	✓	✓
F01A7H		-		✓	✓	✓
F01A8H	Timer status register 04	TSR04L	TSR04	✓	✓	✓
F01A9H		-		✓	✓	✓
F01AAH	Timer status register 05	TSR05L	TSR05	✓	✓	✓
F01ABH		-		✓	✓	✓
F01ACH	Timer status register 06	TSR06L	TSR06	✓	✓	✓
F01ADH		-		✓	✓	✓
F01AEH	Timer status register 07	TSR07L	TSR07	✓	✓	✓
F01AFH		-		✓	✓	✓
F01B0H	Timer channel enable status register 0	TE0L	TE0	✓	✓	✓
F01B1H		-		✓	✓	✓
F01B2H	Timer channel start register 0	TS0L	TS0	✓	✓	✓
F01B3H		-		✓	✓	✓
F01B4H	Timer channel stop register 0	TT0L	TT0	✓	✓	✓
F01B5H		-		✓	✓	✓
F01B6H	Timer clock select register 0	TPS0		✓	✓	✓
F01B7H						
F01B8H	Timer output register 0	TO0L	TO0	✓	✓	✓
F01B9H		-		✓	✓	✓
F01BAH	Timer output enable register 0	TOE0L	TOE0	✓	✓	✓
F01BBH		-		✓	✓	✓

Table 1-6 List of extended SFRs (2nd SFR) of Group B of RL78/F13 (LIN incorporated) (5/10)

Address	Special function register (SFR) name	Symbol		Pin count		
				80-pin	64-pin	48-pin
F01BCH	Timer output level register 0	TOL0L	TOL0	✓	✓	✓
F01BDH		-		✓	✓	✓
F01BEH	Timer output mode register 0	TOM0L	TOM0	✓	✓	✓
F01BFH		-		✓	✓	✓
F01C0H	Timer counter register 10	TCR10		✓	✓	✓
F01C1H						
F01C2H	Timer counter register 11	TCR11		✓	✓	✓
F01C3H						
F01C4H	Timer counter register 12	TCR12		✓	✓	✓
F01C5H						
F01C6H	Timer counter register 13	TCR13		✓	✓	✓
F01C7H						
F01C8H	Timer counter register 14	TCR14				
F01C9H						
F01CAH	Timer counter register 15	TCR15				
F01CBH						
F01CCH	Timer counter register 16	TCR16				
F01CDH						
F01CEH	Timer counter register 17	TCR17				
F01CFH						
F01D0H	Timer mode register 10	TMR10		✓	✓	✓
F01D1H						
F01D2H	Timer mode register 11	TMR11		✓	✓	✓
F01D3H						
F01D4H	Timer mode register 12	TMR12		✓	✓	✓
F01D5H						
F01D6H	Timer mode register 13	TMR13		✓	✓	✓
F01D7H						
F01D8H	Timer mode register 14	TMR14				
F01D9H						
F01DAH	Timer mode register 15	TMR15				
F01DBH						
F01DCH	Timer mode register 16	TMR16				
F01DDH						
F01DEH	Timer mode register 17	TMR17				
F01DFH						
F01E0H	Timer status register 10	TSR10L	TSR10	✓	✓	✓
F01E1H		-		✓	✓	✓
F01E2H	Timer status register 11	TSR11L	TSR11	✓	✓	✓
F01E3H		-		✓	✓	✓
F01E4H	Timer status register 12	TSR12L	TSR12	✓	✓	✓
F01E5H		-		✓	✓	✓
F01E6H	Timer status register 13	TSR13L	TSR13	✓	✓	✓
F01E7H		-		✓	✓	✓
F01E8H	Timer status register 14	TSR14L	TSR14			
F01E9H		-				
F01EAH	Timer status register 15	TSR15L	TSR15			
F01EBH		-				

Table 1-6 List of extended SFRs (2nd SFR) of Group B of RL78/F13 (LIN incorporated) (6/10)

Address	Special function register (SFR) name	Symbol		Pin count		
				80-pin	64-pin	48-pin
F01ECH	Timer status register 16	TSR16L	TSR16			
F01EDH		-				
F01EEH	Timer status register 17	TSR17L	TSR17			
F01EFH		-				
F01F0H	Timer channel enable status register 1	TE1L	TE1	✓	✓	✓
F01F1H		-		✓	✓	✓
F01F2H	Timer channel start register 1	TS1L	TS1	✓	✓	✓
F01F3H		-		✓	✓	✓
F01F4H	Timer channel stop register 1	TT1L	TT1	✓	✓	✓
F01F5H		-		✓	✓	✓
F01F6H	Timer clock select register 1	TPS1		✓	✓	✓
F01F7H						
F01F8H	Timer output register 1	TO1L	TO1	✓	✓	✓
F01F9H		-		✓	✓	✓
F01FAH	Timer output enable register 1	TOE1L	TOE1	✓	✓	✓
F01FBH		-		✓	✓	✓
F01FCH	Timer output level register 1	TOL1L	TOL1	✓	✓	✓
F01FDH		-		✓	✓	✓
F01FEH	Timer output mode register 1	TOM1L	TOM1	✓	✓	✓
F01FFH		-		✓	✓	✓
F0200H	Error address storage register	ERADR		✓	✓	✓
F0201H						
F0202H	1-bit error detection interrupt enable register	ECCIER		✓	✓	✓
F0203H	Bit error detection register	ECCER		✓	✓	✓
F0204H	ECC test protect register	ECCTPR		✓	✓	✓
F0205H	ECC test mode register	ECCTMDR		✓	✓	✓
F0206H	Write data inversion register	ECCDWRVR		✓	✓	✓
F0207H						
F0220H	Port output slew rate select register	PSRSEL		✓	✓	✓
F0222H	SNOOZE status output control register 0	PSNZCNT0		✓	✓	✓
F0223H	SNOOZE status output control register 1	PSNZCNT1		✓	✓	✓
F0224H	SNOOZE status output control register 2	PSNZCNT2		✓	✓	✓
F0225H	SNOOZE status output control register 3	PSNZCNT3		✓	✓	✓
F0227H	D/A converter mode register 2	DAM2				
F0228H	PWM output delay control register 0	PWMDLY0		✓	✓	✓
F0229H						
F022AH	PWM output delay control register 1	PWMDLY1		✓	✓	✓
F022BH						
F022CH	PWM output delay control register 2	PWMDLY2		✓	✓	✓
F022DH						
F0230H	IICA control register 00	IICCTL00		✓	✓	✓
F0231H	IICA control register 01	IICCTL01		✓	✓	✓
F0232H	IICA low-level width setting register 0	IICWL0		✓	✓	✓
F0233H	IICA high-level width setting register 0	IICWH0		✓	✓	✓
F0234H	Slave address register 0	SVA0		✓	✓	✓
F0240H	Timer RJ control register 0	TRJCR0		✓	✓	✓
F0241H	Timer RJ I/O control register 0	TRJIOC0		✓	✓	✓
F0242H	Timer RJ mode register 0	TRJMR0		✓	✓	✓
F0243H	Timer RJ event pin select register 0	TRJISR0		✓	✓	✓
F0260H	Timer RD ELC register	TRDELC				

Table 1-6 List of extended SFRs (2nd SFR) of Group B of RL78/F13 (LIN incorporated) (7/10)

Address	Special function register (SFR) name	Symbol	Pin count		
			80-pin	64-pin	48-pin
F0263H	Timer RD start register	TRDSTR	✓	✓	✓
F0264H	Timer RD mode register	TRDMR	✓	✓	✓
F0265H	Timer RD PWM function select register	TRDPMR	✓	✓	✓
F0266H	Timer RD function control register	TRDFCR	✓	✓	✓
F0267H	Timer RD output master enable register 1	TRDOER1	✓	✓	✓
F0268H	Timer RD output master enable register 2	TRDOER2	✓	✓	✓
F0269H	Timer RD output control register	TRDOCR	✓	✓	✓
F026AH	Timer RD digital filter function select register 0	TRDDF0	✓	✓	✓
F026BH	Timer RD digital filter function select register 1	TRDDF1	✓	✓	✓
F0270H	Timer RD control register 0	TRDCR0	✓	✓	✓
F0271H	Timer RD I/O control register A0	TRDIORA0	✓	✓	✓
F0272H	Timer RD I/O control register C0	TRDIORC0	✓	✓	✓
F0273H	Timer RD status register 0	TRDSR0	✓	✓	✓
F0274H	Timer RD interrupt enable register 0	TRDIER0	✓	✓	✓
F0275H	Timer RD PWM function output level control register 0	TRDPOCR0	✓	✓	✓
F0276H	Timer RD counter 0	TRD0	✓	✓	✓
F0277H					
F0278H	Timer RD general register A0	TRDGRA0	✓	✓	✓
F0279H					
F027AH	Timer RD general register B0	TRDGRB0	✓	✓	✓
F027BH					
F0280H	Timer RD control register 1	TRDCR1	✓	✓	✓
F0281H	Timer RD I/O control register A1	TRDIORA1	✓	✓	✓
F0282H	Timer RD I/O control register 1	TRDIORC1	✓	✓	✓
F0283H	Timer RD status register 1	TRDSR1	✓	✓	✓
F0284H	Timer RD interrupt enable register 1	TRDIER1	✓	✓	✓
F0285H	Timer RD PWM function output level control register 1	TRDPOCR1	✓	✓	✓
F0286H	Timer RD counter 1	TRD1	✓	✓	✓
F0287H					
F0288H	Timer RD general register A1	TRDGRA1	✓	✓	✓
F0289H					
F028AH	Timer RD general register B1	TRDGRB1	✓	✓	✓
F028BH					
F02A0H	Comparator control register	CMPCTL			
F02A1H	Comparator I/O switch register	CMPSEL			
F02A2H	Comparator output monitor register	CMPMON			
F02C0H	Peripheral enable register 1	PER1	✓	✓	✓
F02C1H	Peripheral enable register 2	PER2	✓	✓	✓
F02C2H	CAN clock select register	CANCKSEL			
F02C3H	LIN clock select register	LINCKSEL	✓	✓	✓
F02C4H	Clock select register	CKSEL	✓	✓	✓
F02C5H	PLL control register	PLLCTL	✓	✓	✓
F02C6H	PLL status register	PLLSTS	✓	✓	✓
F02C7H	f_{MP} clock division register	MDIV	✓	✓	✓
F02C8H	RTC clock select register	RTCCL	✓	✓	✓
F02C9H	POR/CLM reset confirmation register	POCRES	✓	✓	✓
F02CAH	STOP status output control register	STPSTC	✓	✓	✓
F02D0H	High-speed DTC control register 0	HDTCCR0	✓	✓	✓

Table 1-6 List of extended SFRs (2nd SFR) of Group B of RL78/F13 (LIN incorporated) (8/10)

Address	Special function register (SFR) name	Symbol		Pin count		
				80-pin	64-pin	48-pin
F02D2H	High-speed DTC transfer number register 0	HDTCCT0		✓	✓	✓
F02D3H	High-speed DTC transfer number reload register 0	HDTRLD0		✓	✓	✓
F02D4H	High-speed DTC source address register 0	HDTSAR0		✓	✓	✓
F02D5H						
F02D6H	High-speed DTC destination address register 0	HDTDAR0		✓	✓	✓
F02D7H						
F02D8H	High-speed DTC control register 1	HDTCCR1		✓	✓	✓
F02DAH	High-speed DTC transfer number register 1	HDTCCT1		✓	✓	✓
F02DBH	High-speed DTC transfer number reload register 1	HDTRLD1		✓	✓	✓
F02DCH	High-speed DTC source address register 1	HDTSAR1		✓	✓	✓
F02DDH						
F02DEH	High-speed DTC destination address register 1	HDTDAR1		✓	✓	✓
F02DDH						
F02E0H	DTC base address register	DTCBAR		✓	✓	✓
F02E1H	High-speed DTC channel select register 0	SELHS0		✓	✓	✓
F02E2H	High-speed DTC channel select register 1	SELHS1		✓	✓	✓
F02E8H	DTC activation enable register 0	DTCEN0		✓	✓	✓
F02E9H	DTC activation enable register 1	DTCEN1		✓	✓	✓
F02EAH	DTC activation enable register 2	DTCEN2		✓	✓	✓
F02EBH	DTC activation enable register 3	DTCEN3		✓	✓	✓
F02ECH	DTC activation enable register 4	DTCEN4		✓	✓	✓
F02EDH	DTC activation enable register 5	DTCEN5				
F02F0H	Flash memory CRC control register	CRC0CTL		✓	✓	✓
F02F2H	Flash memory CRC operation result register	PGCRCL		✓	✓	✓
F02F3H						
F02F9H	CRC operation mode control register	CRCMD		✓	✓	✓
F02FAH	CRC data register	CRCD		✓	✓	✓
F02FBH						
F0300H - F0681H	CAN-related registers are not supported by the Group B products.					
F06C1H	LIN wakeup baud rate select register	LWBR0		✓	✓	✓
		LWBR1				
F06C2H	LIN/UART baud rate prescaler 0 register	LBRP00	LBRP0/	✓	✓	✓
		LBRP10	LBRP1			
F06C3H	LIN/UART baud rate prescaler 1 register	LBRP01		✓	✓	✓
		LBRP11				
F06C4H	LIN self-test control register	LSTC0		✓	✓	✓
		LSTC1				
F06C5H	UART standby control register	LUSC0		✓	✓	✓
		LUSC1				
F06C8H	LIN/UART mode register	LMD0		✓	✓	✓
		LMD1				
F06C9H	LIN break field configuration register/ UART configuration register	LBFC0		✓	✓	✓
		LBFC1				
F06CAH	LIN/UART space configuration register	LSC0		✓	✓	✓
		LSC1				
F06CBH	LIN wakeup configuration register	LWUP0		✓	✓	✓
		LWUP1				

RENESAS

Table 1-6 List of extended SFRs (2nd SFR) of Group B of RL78/F13 (LIN incorporated) (9/10)

Address	Special function register (SFR) name	Symbol		Pin count		
				80-pin	64-pin	48-pin
F06CCH	LIN interrupt enable register	LIE0		✓	✓	✓
		LIE1				
F06CDH	LIN/UART error detection enable register	LEDE0		✓	✓	✓
		LEDE1				
F06CEH	LIN/UART control register	LCUC0		✓	✓	✓
		LCUC1				
F06D0H	LIN/UART transmit control register	LTRC0		✓	✓	✓
		LTRC1				
F06D1H	LIN/UART mode status register	LMST0		✓	✓	✓
		LMST1				
F06D2H	LIN/UART status register	LST0		✓	✓	✓
		LST1				
F06D3H	LIN/UART error status register	LEST0		✓	✓	✓
		LEST1				
F06D4H	LIN/UART data field configuration register	LDFC0		✓	✓	✓
		LDFC1				
F06D5H	LIN/UART ID buffer register	LIDB0		✓	✓	✓
		LIDB1				
F06D6H	LIN checksum buffer register	LCBR0		✓	✓	✓
		LCBR1				
F06D7H	UART data buffer 0 register	LUDB00		✓	✓	✓
		LUDB10				
F06D8H	LIN/UART data buffer 1 register	LDB01		✓	✓	✓
		LDB11				
F06D9H	LIN/UART data buffer 2 register	LDB02		✓	✓	✓
		LDB12				
F06DAH	LIN/UART data buffer 3 register	LDB03		✓	✓	✓
		LDB13				
F06DBH	LIN/UART data buffer 4 register	LDB04		✓	✓	✓
		LDB14				
F06DCH	LIN/UART data buffer 5 register	LDB05		✓	✓	✓
		LDB15				
F06DDH	LIN/UART data buffer 6 register	LDB06		✓	✓	✓
		LDB16				
F06DEH	LIN/UART data buffer 7 register	LDB07		✓	✓	✓
		LDB17				
F06DFH	LIN/UART data buffer 8 register	LDB08		✓	✓	✓
		LDB18				
F06E0H	UART operation enable register	LUOER0		✓	✓	✓
		LUOER1				
F06E1H	UART option register 1	LUOR01		✓	✓	✓
		LUOR11				
F06E4H	UART transmission data register	LUTDR0L	LUTDR0/	✓	✓	✓
		LUTDR1L	LUTDR1			
F06E5H		LUTDR0H		✓	✓	✓
		LUTDR1H				
F06E6H	UART receive data register	LURDR0L	LURDR0/	✓	✓	✓
		LURDR1L	LURDR1			
F06E7H		LURDR0H		✓	✓	✓
		LURDR1H				

Table 1-6 List of extended SFRs (2ⁿᵈ SFR) of Group B of RL78/F13 (LIN incorporated) (10/10)

Address	Special function register (SFR) name	Symbol		Pin count		
				80-pin	64-pin	48-pin
F06E8H	UART wait transfer data register	LUWTDR0L	LUWTDR0/	✓	✓	✓
		LUWTDR1L	LUWTDR1			
F06E9H		LUWTDR0H		✓	✓	✓
		LUWTDR1H				
F06F0H	Timer RJ counter register 0	TRJ0		✓	✓	✓
F06F1H						
F0780H	Event output destination select register 00	ELSELR00				
F0781H	Event output destination select register 01	ELSELR01				
F0782H	Event output destination select register 02	ELSELR02				
F0783H	Event output destination select register 03	ELSELR03				
F0784H	Event output destination select register 04	ELSELR04				
F0785H	Event output destination select register 05	ELSELR05				
F0786H	Event output destination select register 06	ELSELR06				
F0787H	Event output destination select register 07	ELSELR07				
F0788H	Event output destination select register 08	ELSELR08				
F0789H	Event output destination select register 09	ELSELR09				
	A/D converter trigger select register 0	ADTRGS0		✓	✓	✓
F078AH	Event output destination select register 10	ELSELR10				
F078BH	Event output destination select register 11	ELSELR11				
F078CH	Event output destination select register 12	ELSELR12				
F078DH	Event output destination select register 13	ELSELR13				
	A/D converter trigger select register 1	ADTRGS1		✓	✓	✓
F078EH	Event output destination select register 14	ELSELR14				
F078FH	Event output destination select register 15	ELSELR15				
F0790H	Event output destination select register 16	ELSELR16				
F0791H	Event output destination select register 17	ELSELR17				
F0792H	Event output destination select register 18	ELSELR18				
F0793H	Event output destination select register 19	ELSELR19				
F0794H	Event output destination select register 20	ELSELR20				
F0795H	Event output destination select register 21	ELSELR21				
F0796H	Event output destination select register 22	ELSELR22				
F0797H	Event output destination select register 23	ELSELR23				
F0798H	Event output destination select register 24	ELSELR24				
F0799H	Event output destination select register 25	ELSELR25				

2.   Special Function Registers (SFRs) of RL78/F13 (CAN and LIN incorporated)

The RL78/F13 (CAN and LIN incorporated) products are classified as the following group.

Group C: RL/F13 (CAN and LIN incorporated) products with 30, 32, 48, 64, or 80 pins and 32 Kbytes to 128 Kbytes of code flash memory

2.1   List of SFRs of Group C products of RL78/F13 (CAN and LIN incorporated)

Table 2.1 lists the products of Group C of RL78/F13 (CAN and LIN incorporated).

Table 2.1 Group C products of RL78/F13 (CAN and LIN incorporated)

Code Flash	Data Flash	RAM	Pin count				
			80-pin	64-pin	48-pin	32-pin	30-pin
32KB	4KB	2KB	-	R5F10BLC	R5F10BGC	R5F10BBC	R5F10BAC
48KB		3KB	-	R5F10BLD	R5F10BGD	R5F10BBD	R5F10BAD
64KB		4KB	R5F10BME	R5F10BLE	R5F10BGE	R5F10BBE	R5F10BAE
96KB		6KB	R5F10BMF	R5F10BLF	R5F10BGF	R5F10BBF	R5F10BAF
128KB		8KB	R5F10BMG	R5F10BLG	R5F10BGG	R5F10BBG	R5F10BAG

The following **Table 2.2** and **Table 2.3** list the special function registers (SFRs) and the extended SFRs of the Group C products of RL78/F13 (CAN and LIN incorporated).

Table 2.2 List of SFRs of Group C of RL78/F13 (CAN and LIN incorporated) (1/4)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
FFF00H	Port register 0	P0		✓	✓	✓		
FFF01H	Port register 1	P1		✓	✓	✓	✓	✓
FFF03H	Port register 3	P3		✓	✓	✓	✓	✓
FFF04H	Port register 4	P4		✓	✓	✓	✓	✓
FFF05H	Port register 5	P5		✓	✓			
FFF06H	Port register 6	P6		✓	✓	✓	✓	
FFF07H	Port register 7	P7		✓	✓	✓		
FFF08H	Port register 8	P8		✓	✓	✓	✓	✓
FFF09H	Port register 9	P9		✓	✓	✓		
FFF0AH	Port register 10	P10						
FFF0CH	Port register 12	P12		✓	✓	✓	✓	✓
FFF0DH	Port register 13	P13		✓	✓	✓	✓	✓
FFF0EH	Port register 14	P14		✓	✓	✓		
FFF0FH	Port register 15	P15						
FFF10H	Serial data register 00	SDR00L	SDR00	✓	✓	✓	✓	✓
FFF11H		-		✓	✓	✓	✓	✓
FFF12H	Serial data register 01	SDR01L	SDR01	✓	✓	✓	✓	✓
FFF13H		-		✓	✓	✓	✓	✓
FFF18H	Timer data register 00	TDR00		✓	✓	✓	✓	✓
FFF19H								
FFF1AH	Timer data register 01	TDR01L	TDR01	✓	✓	✓	✓	✓
FFF1BH		TDR01H		✓	✓	✓	✓	✓
FFF1EH	10-bit A/D conversion result register	-	ADCR	✓	✓	✓	✓	✓
FFF1FH	8-bit A/D conversion result register	ADCRH		✓	✓	✓	✓	✓
FFF20H	Port mode register 0	PM0		✓	✓	✓		
FFF21H	Port mode register 1	PM1		✓	✓	✓	✓	✓
FFF23H	Port mode register 3	PM3		✓	✓	✓	✓	✓
FFF24H	Port mode register 4	PM4		✓	✓	✓	✓	✓
FFF25H	Port mode register 5	PM5		✓	✓			
FFF26H	Port mode register 6	PM6		✓	✓	✓	✓	
FFF27H	Port mode register 7	PM7		✓	✓	✓		
FFF28H	Port mode register 8	PM8		✓	✓	✓	✓	✓
FFF29H	Port mode register 9	PM9		✓	✓	✓		
FFF2AH	Port mode register 10	PM10						
FFF2CH	Port mode register 12	PM12		✓	✓	✓	✓	✓
FFF2EH	Port mode register 14	PM14		✓	✓	✓		
FFF2FH	Port mode register 15	PM15						
FFF30H	A/D converter mode register 0	ADM0		✓	✓	✓	✓	✓
FFF31H	Analog input channel specification register	ADS		✓	✓	✓	✓	✓
FFF32H	A/D converter mode register 1	ADM1		✓	✓	✓	✓	✓
FFF34H	D/A conversion value setting register 0	DACS0						
FFF36H	D/A converter mode register	DAM						
FFF37H	Key return mode register	KRM		✓	✓	✓	✓	✓
FFF38H	External interrupt rising edge enable register 0	EGP0		✓	✓	✓	✓	✓
FFF39H	External interrupt falling edge enable register 0	EGN0		✓	✓	✓	✓	✓
FFF3AH	External interrupt rising edge enable register 1	EGP1		✓	✓	✓	✓	✓

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Table 2-2 List of SFRs of Group C of RL78/F13 (CAN and LIN incorporated) (2/4)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
FFF3BH	External interrupt falling edge enable register 1	EGN1		✓	✓	✓	✓	✓
FFF48H	Serial data register 10	SDR10L	SDR10	✓	✓	✓	✓	✓
FFF49H		-		✓	✓	✓	✓	✓
FFF4AH	Serial data register 11	SDR11L	SDR11	✓	✓	✓	✓	✓
FFF4BH		-		✓	✓	✓	✓	✓
FFF50H	IICA shift register 0	IICA0		✓	✓	✓	✓	
FFF51H	IICA status register 0	IICS0		✓	✓	✓	✓	
FFF52H	IICA flag register 0	IICF0		✓	✓	✓	✓	
FFF54H	16-bit watch error correction register	SUBCUDW		✓	✓	✓	✓	✓
FFF55H								
FFF58H	Timer RD general register C0	TRDGRC0		✓	✓	✓	✓	✓
FFF59H								
FFF5AH	Timer RD general register D0	TRDGRD0		✓	✓	✓	✓	✓
FFF5BH								
FFF5CH	Timer RD general register C1	TRDGRC1		✓	✓	✓	✓	✓
FFF5DH								
FFF5EH	Timer RD general register D1	TRDGRD1		✓	✓	✓	✓	✓
FFF5FH								
FFF64H	Timer data register 02	TDR02		✓	✓	✓	✓	✓
FFF65H								
FFF66H	Timer data register 03	TDR03L	TDR03	✓	✓	✓	✓	✓
FFF67H		TDR03H		✓	✓	✓	✓	✓
FFF68H	Timer data register 04	TDR04		✓	✓	✓	✓	✓
FFF69H								
FFF6AH	Timer data register 05	TDR05		✓	✓	✓	✓	✓
FFF6BH								
FFF6CH	Timer data register 06	TDR06		✓	✓	✓	✓	✓
FFF6DH								
FFF6EH	Timer data register 07	TDR07		✓	✓	✓	✓	✓
FFF6FH								
FFF70H	Timer data register 10	TDR10		✓	✓	✓	✓	✓
FFF71H								
FFF72H	Timer data register 11	TDR11L	TDR11	✓	✓	✓	✓	✓
FFF73H		TDR11H		✓	✓	✓	✓	✓
FFF74H	Timer data register 12	TDR12		✓	✓	✓	✓	✓
FFF75H								
FFF76H	Timer data register 13	TDR13L	TDR13	✓	✓	✓	✓	✓
FFF77H		TDR13H		✓	✓	✓	✓	✓
FFF78H	Timer data register 14	TDR14						
FFF79H								
FFF7AH	Timer data register 15	TDR15						
FFF7BH								
FFF7CH	Timer data register 16	TDR16						
FFF7DH								
FFF7EH	Timer data register 17	TDR17						
FFF7FH								
FFF92H	Second count register	SEC		✓	✓	✓	✓	✓
FFF93H	Minute count register	MIN		✓	✓	✓	✓	✓
FFF94H	Hour count register	HOUR		✓	✓	✓	✓	✓

RENESAS

Table 2-2 List of SFRs of Group C of RL78/F13 (CAN and LIN incorporated) (3/4)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
FFF95H	Week count register	WEEK		✓	✓	✓	✓	✓
FFF96H	Day count register	DAY		✓	✓	✓	✓	✓
FFF97H	Month count register	MONTH		✓	✓	✓	✓	✓
FFF98H	Year count register	YEAR		✓	✓	✓	✓	✓
FFF99H	Watch error correction register	SUBCUD		✓	✓	✓	✓	✓
FFF9AH	Alarm minute register	ALARMWM		✓	✓	✓	✓	✓
FFF9BH	Alarm hour register	ALARMWH		✓	✓	✓	✓	✓
FFF9CH	Alarm week register	ALARMWW		✓	✓	✓	✓	✓
FFF9DH	Real-time clock control register 0	RTCC0		✓	✓	✓	✓	✓
FFF9EH	Real-time clock control register 1	RTCC1		✓	✓	✓	✓	✓
FFFA0H	Clock operation mode control register	CMC		✓	✓	✓	✓	✓
FFFA1H	Clock operation status control register	CSC		✓	✓	✓	✓	✓
FFFA2H	Oscillation stabilization time counter status register	OSTC		✓	✓	✓	✓	✓
FFFA3H	Oscillation stabilization time select register	OSTS		✓	✓	✓	✓	✓
FFFA4H	System clock control register	CKC		✓	✓	✓	✓	✓
FFFA5H	Clock output select register 0	CKS0		✓	✓	✓		
FFFA8H	Reset control flag register	RESF		✓	✓	✓	✓	✓
FFFA9H	Voltage detection register	LVIM		✓	✓	✓	✓	✓
FFFAAH	Voltage detection level register	LVIS		✓	✓	✓	✓	✓
FFFABH	Watchdog timer enable register	WDTE		✓	✓	✓	✓	✓
FFFACH	CRC input register	CRCIN		✓	✓	✓	✓	✓
FFFD0H	Interrupt request flag register 2L	IF2L	IF2	✓	✓	✓	✓	✓
FFFD1H	Interrupt request flag register 2H	IF2H		✓	✓	✓	✓	✓
FFFD2H	Interrupt request flag register 3L	IF3L						
FFFD4H	Interrupt mask flag register 2L	MK2L	MK2	✓	✓	✓	✓	✓
FFFD5H	Interrupt mask flag register 2H	MK2H		✓	✓	✓	✓	✓
FFFD6H	Interrupt mask flag register 3L	MK3L						
FFFD8H	Priority specification flag register 02L	PR02L	PR02	✓	✓	✓	✓	✓
FFFD9H	Priority specification flag register 02H	PR02H		✓	✓	✓	✓	✓
FFFDAH	Priority specification flag register 03L	PR03L						
FFFDCH	Priority specification flag register 12L	PR12L	PR12	✓	✓	✓	✓	✓
FFFDDH	Priority specification flag register 12H	PR12H		✓	✓	✓	✓	✓
FFFDEH	Priority specification flag register 13L	PR13L						
FFFE0H	Interrupt request flag register 0L	IF0L	IF0	✓	✓	✓	✓	✓
FFFE1H	Interrupt request flag register 0H	IF0H		✓	✓	✓	✓	✓
FFFE2H	Interrupt request flag register 1L	IF1L	IF1	✓	✓	✓	✓	✓
FFFE3H	Interrupt request flag register 1H	IF1H		✓	✓	✓	✓	✓
FFFE4H	Interrupt mask flag register 0L	MK0L	MK0	✓	✓	✓	✓	✓
FFFE5H	Interrupt mask flag register 0H	MK0H		✓	✓	✓	✓	✓
FFFE6H	Interrupt mask flag register 1L	MK1L	MK1	✓	✓	✓	✓	✓
FFFE7H	Interrupt mask flag register 1H	MK1H		✓	✓	✓	✓	✓
FFFE8H	Priority specification flag register 00L	PR00L	PR00	✓	✓	✓	✓	✓
FFFE9H	Priority specification flag register 00H	PR00H		✓	✓	✓	✓	✓
FFFEAH	Priority specification flag register 01L	PR01L	PR01	✓	✓	✓	✓	✓
FFFEBH	Priority specification flag register 01H	PR01H		✓	✓	✓	✓	✓
FFFECH	Priority specification flag register 10L	PR10L	PR10	✓	✓	✓	✓	✓
FFFEDH	Priority specification flag register 10H	PR10H		✓	✓	✓	✓	✓

RENESAS

Table 2-2 List of SFRs of Group C of RL78/F13 (CAN and LIN incorporated) (4/4)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
FFFEEH	Priority specification flag register 11L	PR11L	PR11	✓	✓	✓	✓	✓
FFFEFH	Priority specification flag register 11H	PR11H		✓	✓	✓	✓	✓
FFFF0H	Multiply and accumulation register (L)	MACRL		✓	✓	✓	✓	✓
FFFF1H								
FFFF2H	Multiply and accumulation register (H)	MACRH		✓	✓	✓	✓	✓
FFFF3H								
FFFFEH	Processor mode control register	PMC		✓	✓	✓	✓	✓

Table 2.3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (1/28)

Address	Special function register (SFR) name	Symbol	Pin count				
			80-pin	64-pin	48-pin	32-pin	30-pin
F0010H	A/D converter mode register 2	ADM2	✓	✓	✓	✓	✓
F0011H	Conversion result comparison upper limit setting register	ADUL	✓	✓	✓	✓	✓
F0012H	Conversion result comparison lower limit setting register	ADLL	✓	✓	✓	✓	✓
F0013H	A/D test register	ADTES	✓	✓	✓	✓	✓
F0016H	Peripheral I/O redirection register 0	PIOR0	✓	✓	✓		
F0017H	Peripheral I/O redirection register 1	PIOR1	✓	✓	✓		
F0018H	Peripheral I/O redirection register 2	PIOR2	✓				
F0019H	Peripheral I/O redirection register 3	PIOR3	✓				
F001AH	Peripheral I/O redirection register 4	PIOR4	✓	✓	✓	✓	
F001BH	Peripheral I/O redirection register 5	PIOR5	✓	✓	✓	✓	✓
F001CH	Peripheral I/O redirection register 6	PIOR6	✓				
F001DH	Peripheral I/O redirection register 7	PIOR7	✓	✓	✓	✓	✓
F001EH	Peripheral I/O redirection register 8	PIOR8					
F0021H	Port input threshold control register 1	PITHL1	✓	✓	✓	✓	✓
F0023H	Port input threshold control register 3	PITHL3	✓	✓	✓	✓	✓
F0024H	Port input threshold control register 4	PITHL4	✓	✓			
F0025H	Port input threshold control register 5	PITHL5	✓	✓			
F0026H	Port input threshold control register 6	PITHL6	✓	✓	✓	✓	
F0027H	Port input threshold control register 7	PITHL7	✓	✓	✓		
F002AH	Port input threshold control register 10	PITHL10					
F002CH	Port input threshold control register 12	PITHL12	✓	✓	✓	✓	✓
F002FH	Port input threshold control register 15	PITHL15					
F0030H	Pull-up resistor option register 0	PU0	✓	✓	✓		
F0031H	Pull-up resistor option register 1	PU1	✓	✓	✓	✓	✓
F0033H	Pull-up resistor option register 3	PU3	✓	✓	✓	✓	✓
F0034H	Pull-up resistor option register 4	PU4	✓	✓	✓	✓	✓
F0035H	Pull-up resistor option register 5	PU5	✓	✓			
F0036H	Pull-up resistor option register 6	PU6	✓	✓	✓	✓	
F0037H	Pull-up resistor option register 7	PU7	✓	✓	✓		
F0039H	Pull-up resistor option register 9	PU9	✓	✓			
F003AH	Pull-up resistor option register 10	PU10					
F003CH	Pull-up resistor option register 12	PU12	✓	✓	✓	✓	✓
F003EH	Pull-up resistor option register 14	PU14	✓	✓	✓		
F003FH	Pull-up resistor option register 15	PU15					
F0041H	Port input mode register 1	PIM1	✓	✓	✓	✓	✓
F0043H	Port input mode register 3	PIM3	✓	✓	✓	✓	✓
F0045H	Port input mode register 5	PIM5	✓				
F0046H	Port input mode register 6	PIM6	✓	✓	✓	✓	
F0047H	Port input mode register 7	PIM7	✓	✓	✓		
F004CH	Port input mode register 12	PIM12	✓	✓	✓	✓	✓
F0051H	Port output mode register 1	POM1	✓	✓	✓	✓	✓
F0056H	Port output mode register 6	POM6	✓	✓	✓	✓	
F0057H	Port output mode register 7	POM7	✓	✓	✓		
F005CH	Port output mode register 12	POM12	✓	✓	✓	✓	✓
F0067H	Port mode control register 7	PMC7					
F0069H	Port mode control register 9	PMC9	✓	✓			
F006CH	Port mode control register 12	PMC12	✓	✓	✓	✓	✓
F0070H	Noise filter enable register 0	NFEN0	✓	✓	✓	✓	✓
F0071H	Noise filter enable register 1	NFEN1	✓	✓	✓	✓	✓

RENESAS

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (2/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0072H	Noise filter enable register 2	NFEN2		✓	✓	✓	✓	✓
F0073H	Input switch control register	ISC		✓	✓	✓	✓	✓
F0074H	Timer input select register 0	TIS0		✓	✓	✓	✓	✓
F0075H	Timer input select register 1	TIS1		✓	✓	✓	✓	✓
F0076H	A/D port configuration register	ADPC		✓	✓	✓	✓	✓
F0077H	Port mode select register	PMS		✓	✓	✓	✓	✓
F0078H	Invalid memory access detection control register	IAWCTL		✓	✓	✓	✓	✓
F0079H	Interrupt source determination flag register 0	INTFLG0		✓	✓	✓	✓	✓
F007AH	Timer input select register 2	TIS2						
F007BH	LIN channel select register	LCHSEL		✓	✓	✓	✓	✓
F007CH	Interrupt mask register	INTMSK		✓	✓	✓	✓	✓
F0090H	Data flash control register	DFLCTL		✓	✓	✓	✓	✓
F00A0H	High-speed on-chip oscillator trimming register	HIOTRM		✓	✓	✓	✓	✓
F00A8H	High-speed on-chip oscillator frequency select register	HOCODIV		✓	✓	✓	✓	✓
F00D8H	SPM control register	SPMCTRL		✓	✓	✓	✓	✓
F00DAH	SP overflow address setting register	SPOFR		✓	✓	✓	✓	✓
F00DBH								
F00DCH	SP underflow address setting register	SPUFR		✓	✓	✓	✓	✓
F00DDH								
F00F0H	Peripheral enable register 0	PER0		✓	✓	✓	✓	✓
F00F3H	Operation speed mode control register	OSMC		✓	✓	✓	✓	✓
F00FEH	BCD correction result register	BCDADJ		✓	✓	✓	✓	✓
F0100H	Serial status register 00	SSR00L	SSR00	✓	✓	✓	✓	✓
F0101H		-		✓	✓	✓	✓	✓
F0102H	Serial status register 01	SSR01L	SSR01	✓	✓	✓	✓	✓
F0103H		-		✓	✓	✓	✓	✓
F0104H	Serial flag clear trigger register 00	SIR00L	SIR00	✓	✓	✓	✓	✓
F0105H		-		✓	✓	✓	✓	✓
F0106H	Serial flag clear trigger register 01	SIR01L	SIR01	✓	✓	✓	✓	✓
F0107H		-		✓	✓	✓	✓	✓
F0108H	Serial mode register 00	SMR00		✓	✓	✓	✓	✓
F0109H								
F010AH	Serial mode register 01	SMR01		✓	✓	✓	✓	✓
F010BH								
F010CH	Serial communication operation setting register 00	SCR00		✓	✓	✓	✓	✓
F010DH								
F010EH	Serial communication operation setting register 01	SCR01		✓	✓	✓	✓	✓
F010FH								
F0110H	Serial channel enable status register 0	SE0L	SE0	✓	✓	✓	✓	✓
F0111H		-		✓	✓	✓	✓	✓
F0112H	Serial channel start register 0	SS0L	SS0	✓	✓	✓	✓	✓
F0113H		-		✓	✓	✓	✓	✓
F0114H	Serial channel stop register 0	ST0L	ST0	✓	✓	✓	✓	✓
F0115H		-		✓	✓	✓	✓	✓
F0116H	Serial clock select register 0	SPS0L	SPS0	✓	✓	✓	✓	✓
F0117H		-		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (3/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0118H	Serial output register 0	SO0		✓	✓	✓	✓	✓
F0119H								
F011AH	Serial output enable register 0	SOE0L	SOE0	✓	✓	✓	✓	✓
F011BH		-		✓	✓	✓	✓	✓
F0120H	Serial output level register 0	SOL0L	SOL0	✓	✓	✓	✓	✓
F0121H		-		✓	✓	✓	✓	✓
F0122H	Serial slave select enable register 0	SSE0L	SSE0	✓	✓	✓	✓	✓
F0123H		-		✓	✓	✓	✓	✓
F0140H	Serial status register 10	SSR10L	SSR10	✓	✓	✓	✓	✓
F0141H		-		✓	✓	✓	✓	✓
F0142H	Serial status register 11	SSR11L	SSR11	✓	✓	✓	✓	✓
F0143H		-		✓	✓	✓	✓	✓
F0144H	Serial flag clear trigger register 10	SIR10L	SIR10	✓	✓	✓	✓	✓
F0145H		-		✓	✓	✓	✓	✓
F0146H	Serial flag clear trigger register 11	SIR11L	SIR11	✓	✓	✓	✓	✓
F0147H		-		✓	✓	✓	✓	✓
F0148H	Serial mode register 10	SMR10		✓	✓	✓	✓	✓
F0149H								
F014AH	Serial mode register 11	SMR11		✓	✓	✓	✓	✓
F014BH								
F014CH	Serial communication operation setting register 10	SCR10		✓	✓	✓	✓	✓
F014DH								
F014EH	Serial communication operation setting register 11	SCR11		✓	✓	✓	✓	✓
F014FH								
F0150H	Serial channel enable status register 1	SE1L	SE1	✓	✓	✓	✓	✓
F0151H		-		✓	✓	✓	✓	✓
F0152H	Serial channel start register 1	SS1L	SS1	✓	✓	✓	✓	✓
F0153H		-		✓	✓	✓	✓	✓
F0154H	Serial channel stop register 1	ST1L	ST1	✓	✓	✓	✓	✓
F0155H		-		✓	✓	✓	✓	✓
F0156H	Serial clock select register 1	SPS1L	SPS1	✓	✓	✓	✓	✓
F0157H		-		✓	✓	✓	✓	✓
F0158H	Serial output register 1	SO1		✓	✓	✓	✓	✓
F0159H								
F015AH	Serial output enable register 1	SOE1L	SOE1	✓	✓	✓	✓	✓
F015BH		-		✓	✓	✓	✓	✓
F0160H	Serial output level register 1	SOL1L	SOL1	✓	✓	✓	✓	✓
F0161H		-		✓	✓	✓	✓	✓
F0162H	Serial slave select enable register 1	SSE1L	SSE1	✓	✓	✓	✓	✓
F0163H		-		✓	✓	✓	✓	✓
F0180H	Timer counter register 00	TCR00		✓	✓	✓	✓	✓
F0181H								
F0182H	Timer counter register 01	TCR01		✓	✓	✓	✓	✓
F0183H								
F0184H	Timer counter register 02	TCR02		✓	✓	✓	✓	✓
F0185H								
F0186H	Timer counter register 03	TCR03		✓	✓	✓	✓	✓
F0187H								
F0188H	Timer counter register 04	TCR04		✓	✓	✓	✓	✓
F0189H								

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (4/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F018AH	Timer counter register 05	TCR05		✓	✓	✓	✓	✓
F018BH								
F018CH	Timer counter register 06	TCR06		✓	✓	✓	✓	✓
F018DH								
F018EH	Timer counter register 07	TCR07		✓	✓	✓	✓	✓
F018FH								
F0190H	Timer mode register 00	TMR00		✓	✓	✓	✓	✓
F0191H								
F0192H	Timer mode register 01	TMR01		✓	✓	✓	✓	✓
F0193H								
F0194H	Timer mode register 02	TMR02		✓	✓	✓	✓	✓
F0195H								
F0196H	Timer mode register 03	TMR03		✓	✓	✓	✓	✓
F0197H								
F0198H	Timer mode register 04	TMR04		✓	✓	✓	✓	✓
F0199H								
F019AH	Timer mode register 05	TMR05		✓	✓	✓	✓	✓
F019BH								
F019CH	Timer mode register 06	TMR06		✓	✓	✓	✓	✓
F019DH								
F019EH	Timer mode register 07	TMR07		✓	✓	✓	✓	✓
F019FH								
F01A0H	Timer status register 00	TSR00L	TSR00	✓	✓	✓	✓	✓
F01A1H		-		✓	✓	✓	✓	✓
F01A2H	Timer status register 01	TSR01L	TSR01	✓	✓	✓	✓	✓
F01A3H		-		✓	✓	✓	✓	✓
F01A4H	Timer status register 02	TSR02L	TSR02	✓	✓	✓	✓	✓
F01A5H		-		✓	✓	✓	✓	✓
F01A6H	Timer status register 03	TSR03L	TSR03	✓	✓	✓	✓	✓
F01A7H		-		✓	✓	✓	✓	✓
F01A8H	Timer status register 04	TSR04L	TSR04	✓	✓	✓	✓	✓
F01A9H		-		✓	✓	✓	✓	✓
F01AAH	Timer status register 05	TSR05L	TSR05	✓	✓	✓	✓	✓
F01ABH		-		✓	✓	✓	✓	✓
F01ACH	Timer status register 06	TSR06L	TSR06	✓	✓	✓	✓	✓
F01ADH		-		✓	✓	✓	✓	✓
F01AEH	Timer status register 07	TSR07L	TSR07	✓	✓	✓	✓	✓
F01AFH		-		✓	✓	✓	✓	✓
F01B0H	Timer channel enable status register 0	TE0L	TE0	✓	✓	✓	✓	✓
F01B1H		-		✓	✓	✓	✓	✓
F01B2H	Timer channel start register 0	TS0L	TS0	✓	✓	✓	✓	✓
F01B3H		-		✓	✓	✓	✓	✓
F01B4H	Timer channel stop register 0	TT0L	TT0	✓	✓	✓	✓	✓
F01B5H		-		✓	✓	✓	✓	✓
F01B6H	Timer clock select register 0	TPS0		✓	✓	✓	✓	✓
F01B7H								
F01B8H	Timer output register 0	TO0L	TO0	✓	✓	✓	✓	✓
F01B9H		-		✓	✓	✓	✓	✓
F01BAH	Timer output enable register 0	TOE0L	TOE0	✓	✓	✓	✓	✓
F01BBH		-		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (5/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F01BCH	Timer output level register 0	TOL0L	TOL0	✓	✓	✓	✓	✓
F01BDH		-		✓	✓	✓	✓	✓
F01BEH	Timer output mode register 0	TOM0L	TOM0	✓	✓	✓	✓	✓
F01BFH		-		✓	✓	✓	✓	✓
F01C0H	Timer counter register 10	TCR10		✓	✓	✓	✓	✓
F01C1H								
F01C2H	Timer counter register 11	TCR11		✓	✓	✓	✓	✓
F01C3H								
F01C4H	Timer counter register 12	TCR12		✓	✓	✓	✓	✓
F01C5H								
F01C6H	Timer counter register 13	TCR13		✓	✓	✓	✓	✓
F01C7H								
F01C8H	Timer counter register 14	TCR14						
F01C9H								
F01CAH	Timer counter register 15	TCR15						
F01CBH								
F01CCH	Timer counter register 16	TCR16						
F01CDH								
F01CEH	Timer counter register 17	TCR17						
F01CFH								
F01D0H	Timer mode register 10	TMR10		✓	✓	✓	✓	✓
F01D1H								
F01D2H	Timer mode register 11	TMR11		✓	✓	✓	✓	✓
F01D3H								
F01D4H	Timer mode register 12	TMR12		✓	✓	✓	✓	✓
F01D5H								
F01D6H	Timer mode register 13	TMR13		✓	✓	✓	✓	✓
F01D7H								
F01D8H	Timer mode register 14	TMR14						
F01D9H								
F01DAH	Timer mode register 15	TMR15						
F01DBH								
F01DCH	Timer mode register 16	TMR16						
F01DDH								
F01DEH	Timer mode register 17	TMR17						
F01DFH								
F01E0H	Timer status register 10	TSR10L	TSR10	✓	✓	✓	✓	✓
F01E1H		-		✓	✓	✓	✓	✓
F01E2H	Timer status register 11	TSR11L	TSR11	✓	✓	✓	✓	✓
F01E3H		-		✓	✓	✓	✓	✓
F01E4H	Timer status register 12	TSR12L	TSR12	✓	✓	✓	✓	✓
F01E5H		-		✓	✓	✓	✓	✓
F01E6H	Timer status register 13	TSR13L	TSR13	✓	✓	✓	✓	✓
F01E7H		-		✓	✓	✓	✓	✓
F01E8H	Timer status register 14	TSR14L	TSR14					
F01E9H		-						
F01EAH	Timer status register 15	TSR15L	TSR15					
F01EBH		-						
F01ECH	Timer status register 16	TSR16L	TSR16					
F01EDH		-						

RENESAS

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (6/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F01EEH	Timer status register 17	TSR17L	TSR17					
F01EFH		-						
F01F0H	Timer channel enable status register 1	TE1L	TE1	✓	✓	✓	✓	✓
F01F1H		-		✓	✓	✓	✓	✓
F01F2H	Timer channel start register 1	TS1L	TS1	✓	✓	✓	✓	✓
F01F3H		-		✓	✓	✓	✓	✓
F01F4H	Timer channel stop register 1	TT1L	TT1	✓	✓	✓	✓	✓
F01F5H		-		✓	✓	✓	✓	✓
F01F6H	Timer clock select register 1	TPS1		✓	✓	✓	✓	✓
F01F7H								
F01F8H	Timer output register 1	TO1L	TO1	✓	✓	✓	✓	✓
F01F9H		-		✓	✓	✓	✓	✓
F01FAH	Timer output enable register 1	TOE1L	TOE1	✓	✓	✓	✓	✓
F01FBH		-		✓	✓	✓	✓	✓
F01FCH	Timer output level register 1	TOL1L	TOL1	✓	✓	✓	✓	✓
F01FDH		-		✓	✓	✓	✓	✓
F01FEH	Timer output mode register 1	TOM1L	TOM1	✓	✓	✓	✓	✓
F01FFH		-		✓	✓	✓	✓	✓
F0200H	Error address storage register	ERADR		✓	✓	✓	✓	✓
F0201H								
F0202H	1-bit error detection interrupt enable register	ECCIER		✓	✓	✓	✓	✓
F0203H	Bit error detection register	ECCER		✓	✓	✓	✓	✓
F0204H	ECC test protect register	ECCTPR		✓	✓	✓	✓	✓
F0205H	ECC test mode register	ECCTMDR		✓	✓	✓	✓	✓
F0206H	Write data inversion register	ECCDWRVR		✓	✓	✓	✓	✓
F0207H								
F0220H	Port output slew rate select register	PSRSEL		✓	✓	✓	✓	✓
F0222H	SNOOZE status output control register 0	PSNZCNT0		✓	✓	✓	✓	✓
F0223H	SNOOZE status output control register 1	PSNZCNT1		✓	✓	✓	✓	✓
F0224H	SNOOZE status output control register 2	PSNZCNT2		✓	✓	✓		
F0225H	SNOOZE status output control register 3	PSNZCNT3		✓	✓	✓		
F0227H	D/A converter mode register 2	DAM2						
F0228H	PWM output delay control register 0	PWMDLY0		✓	✓	✓	✓	✓
F0229H								
F022AH	PWM output delay control register 1	PWMDLY1		✓	✓	✓	✓	✓
F022BH								
F022CH	PWM output delay control register 2	PWMDLY2		✓	✓	✓	✓	✓
F022DH								
F0230H	IICA control register 00	IICCTL00		✓	✓	✓	✓	
F0231H	IICA control register 01	IICCTL01		✓	✓	✓	✓	
F0232H	IICA low-level width setting register 0	IICWL0		✓	✓	✓	✓	
F0233H	IICA high-level width setting register 0	IICWH0		✓	✓	✓	✓	
F0234H	Slave address register 0	SVA0		✓	✓	✓	✓	
F0240H	Timer RJ control register 0	TRJCR0		✓	✓	✓	✓	✓
F0241H	Timer RJ I/O control register 0	TRJIOC0		✓	✓	✓	✓	✓
F0242H	Timer RJ mode register 0	TRJMR0		✓	✓	✓	✓	✓
F0243H	Timer RJ event pin select register 0	TRJISR0		✓	✓	✓	✓	✓
F0260H	Timer RD ELC register	TRDELC						
F0263H	Timer RD start register	TRDSTR		✓	✓	✓	✓	✓
F0264H	Timer RD mode register	TRDMR		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2ⁿᵈ SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (7/28)

Address	Special function register (SFR) name	Symbol	Pin count				
			80-pin	64-pin	48-pin	32-pin	30-pin
F0265H	Timer RD PWM function select register	TRDPMR	✓	✓	✓	✓	✓
F0266H	Timer RD function control register	TRDFCR	✓	✓	✓	✓	✓
F0267H	Timer RD output master enable register 1	TRDOER1	✓	✓	✓	✓	✓
F0268H	Timer RD output master enable register 2	TRDOER2	✓	✓	✓	✓	✓
F0269H	Timer RD output control register	TRDOCR	✓	✓	✓	✓	✓
F026AH	Timer RD digital filter function select register 0	TRDDF0	✓	✓	✓	✓	✓
F026BH	Timer RD digital filter function select register 1	TRDDF1	✓	✓	✓	✓	✓
F0270H	Timer RD control register0	TRDCR0	✓	✓	✓	✓	✓
F0271H	Timer RD I/O control registerA0	TRDIORA0	✓	✓	✓	✓	✓
F0272H	Timer RD I/O control registerC0	TRDIORC0	✓	✓	✓	✓	✓
F0273H	Timer RD status register 0	TRDSR0	✓	✓	✓	✓	✓
F0274H	Timer RD interrupt enable register 0	TRDIER0	✓	✓	✓	✓	✓
F0275H	Timer RD PWM function output level control register 0	TRDPOCR0	✓	✓	✓	✓	✓
F0276H	Timer RD counter 0	TRD0	✓	✓	✓	✓	✓
F0277H							
F0278H	Timer RD general register A0	TRDGRA0	✓	✓	✓	✓	✓
F0279H							
F027AH	Timer RD general register B0	TRDGRB0	✓	✓	✓	✓	✓
F027BH							
F0280H	Timer RD control register1	TRDCR1	✓	✓	✓	✓	✓
F0281H	Timer RD I/O control registerA1	TRDIORA1	✓	✓	✓	✓	✓
F0282H	Timer RD I/O control registerC1	TRDIORC1	✓	✓	✓	✓	✓
F0283H	Timer RD status register 1	TRDSR1	✓	✓	✓	✓	✓
F0284H	Timer RD interrupt enable register 1	TRDIER1	✓	✓	✓	✓	✓
F0285H	Timer RD PWM function output level control register 1	TRDPOCR1	✓	✓	✓	✓	✓
F0286H	Timer RD counter 1	TRD1	✓	✓	✓	✓	✓
F0287H							
F0288H	Timer RD general register A1	TRDGRA1	✓	✓	✓	✓	✓
F0289H							
F028AH	Timer RD general register B1	TRDGRB1	✓	✓	✓	✓	✓
F028BH							
F02A0H	Comparator control register	CMPCTL					
F02A1H	Comparator I/O switch register	CMPSEL					
F02A2H	Comparator output monitor register	CMPMON					
F02C0H	Peripheral enable register 1	PER1	✓	✓	✓	✓	✓
F02C1H	Peripheral enable register 2	PER2	✓	✓	✓	✓	✓
F02C2H	CAN clock select register	CANCKSEL	✓	✓	✓	✓	✓
F02C3H	LIN clock select register	LINCKSEL	✓	✓	✓	✓	✓
F02C4H	Clock select register	CKSEL	✓	✓	✓	✓	✓
F02C5H	PLL control register	PLLCTL	✓	✓	✓	✓	✓
F02C6H	PLL status register	PLLSTS	✓	✓	✓	✓	✓
F02C7H	f_{MP} clock division register	MDIV	✓	✓	✓	✓	✓
F02C8H	RTC clock select register	RTCCL	✓	✓	✓	✓	✓
F02C9H	POR/CLM reset confirmation register	POCRES	✓	✓	✓	✓	✓
F02CAH	STOP status output control register	STPSTC	✓	✓	✓		
F02D0H	High-speed DTC control register 0	HDTCCR0	✓	✓	✓	✓	✓
F02D2H	High-speed DTC transfer number register 0	HDTCCT0	✓	✓	✓	✓	✓
F02D3H	High-speed DTC transfer number reload register 0	HDTRLD0	✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (8/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F02D4H	High-speed DTC source address register 0	HDTSAR0		✓	✓	✓	✓	✓
F02D5H								
F02D6H	High-speed DTC destination address register 0	HDTDAR0		✓	✓	✓	✓	✓
F02D7H								
F02D8H	High-speed DTC control register 1	HDTCCR1		✓	✓	✓	✓	✓
F02DAH	High-speed DTC transfer number register 1	HDTCCT1		✓	✓	✓	✓	✓
F02DBH	High-speed DTC transfer number reload register 1	HDTRLD1		✓	✓	✓	✓	✓
F02DCH	High-speed DTC source address register 1	HDTSAR1		✓	✓	✓	✓	✓
F02DDH								
F02DEH	High-speed DTC destination address register 1	HDTDAR1		✓	✓	✓	✓	✓
F02DDH								
F02E0H	DTC base address register	DTCBAR		✓	✓	✓	✓	✓
F02E1H	High-speed DTC channel select register 0	SELHS0		✓	✓	✓	✓	✓
F02E2H	High-speed DTC channel select register 1	SELHS1		✓	✓	✓	✓	✓
F02E8H	DTC activation enable register 0	DTCEN0		✓	✓	✓	✓	✓
F02E9H	DTC activation enable register 1	DTCEN1		✓	✓	✓	✓	✓
F02EAH	DTC activation enable register 2	DTCEN2		✓	✓	✓	✓	✓
F02EBH	DTC activation enable register 3	DTCEN3		✓	✓	✓	✓	✓
F02ECH	DTC activation enable register 4	DTCEN4		✓	✓	✓	✓	✓
F02EDH	DTC activation enable register 5	DTCEN5						
F02F0H	Flash memory CRC control register	CRC0CTL		✓	✓	✓	✓	✓
F02F2H	Flash memory CRC operation result register	PGCRCL		✓	✓	✓	✓	✓
F02F3H								
F02F9H	CRC operation mode control register	CRCMD		✓	✓	✓	✓	✓
F02FAH	CRC data register	CRCD		✓	✓	✓	✓	✓
F02FBH								
F0300H	CAN0 bit configuration register L	C0CFGLL	C0CFGL	✓	✓	✓	✓	✓
F0301H		C0CFGLH		✓	✓	✓	✓	✓
F0302H	CAN0 bit configuration register H	C0CFGHL	C0CFGH	✓	✓	✓	✓	✓
F0303H		C0CFGHH		✓	✓	✓	✓	✓
F0304H	CAN0 control register L	C0CTRLL	C0CTRL	✓	✓	✓	✓	✓
F0305H		C0CTRLH		✓	✓	✓	✓	✓
F0306H	CAN0 control register H	C0CTRHL	C0CTRH	✓	✓	✓	✓	✓
F0307H		C0CTRHH		✓	✓	✓	✓	✓
F0308H	CAN0 status register L	C0STSLL	C0STSL	✓	✓	✓	✓	✓
F0309H		C0STSLH		✓	✓	✓	✓	✓
F030AH	CAN0 status register H	C0STSHL	C0STSH	✓	✓	✓	✓	✓
F030BH		C0STSHH		✓	✓	✓	✓	✓
F030CH	CAN0 error flag register L	C0ERFLLL	C0ERFLL	✓	✓	✓	✓	✓
F030DH		C0ERFLLH		✓	✓	✓	✓	✓
F030EH	CAN0 error flag register H	C0ERFLHL	C0ERFLH	✓	✓	✓	✓	✓
F030FH		C0ERFLHH		✓	✓	✓	✓	✓
F0322H	CAN global configuration register L	GCFGLL	GCFGL	✓	✓	✓	✓	✓
F0323H		GCFGLH		✓	✓	✓	✓	✓
F0324H	CAN global configuration register H	GCFGHL	GCFGH	✓	✓	✓	✓	✓
F0325H		GCFGHH		✓	✓	✓	✓	✓
F0326H	CAN global control register L	GCTRLL	GCTRL	✓	✓	✓	✓	✓
F0327H		GCTRLH		✓	✓	✓	✓	✓
F0328H	CAN global control register H	GCTRHL	GCTRH	✓	✓	✓	✓	✓
F0329H		GCTRHH		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (9/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F032AH	CAN global status register	GSTSL	GSTS	✓	✓	✓	✓	✓
F032BH		GSTSH		✓	✓	✓	✓	✓
F032CH	CAN global error flag register	GERFLL		✓	✓	✓	✓	✓
F032EH	CAN timestamp register	GTSC		✓	✓	✓	✓	✓
F032FH								
F0330H	CAN receive rule number configuration	GAFLCFGL	GAFLCFG	✓	✓	✓	✓	✓
F0331H	register	GAFLCFGH		✓	✓	✓	✓	✓
F0332H	CAN receive buffer number configuration	RMNBL	RMNB	✓	✓	✓	✓	✓
F0333H	register	-		✓	✓	✓	✓	✓
F0334H	CAN receive buffer receive complete flag	RMND0L	RMND0	✓	✓	✓	✓	✓
F0335H	register	RMND0H		✓	✓	✓	✓	✓
F0338H	CAN receive FIFO control register 0	RFCC0L	RFCC0	✓	✓	✓	✓	✓
F0339H		RFCC0H		✓	✓	✓	✓	✓
F033AH	CAN receive FIFO control register 1	RFCC1L	RFCC1	✓	✓	✓	✓	✓
F033BH		RFCC1H		✓	✓	✓	✓	✓
F0340H	CAN receive FIFO status register 0	RFSTS0L	RFSTS0	✓	✓	✓	✓	✓
F0341H		RFSTS0H		✓	✓	✓	✓	✓
F0342H	CAN receive FIFO status register 1	RFSTS1L	RFSTS1	✓	✓	✓	✓	✓
F0343H		RFSTS1H		✓	✓	✓	✓	✓
F0348H	CAN receive FIFO pointer control register 0	RFPCTR0L	RFPCTR0	✓	✓	✓	✓	✓
F0349H		RFPCTR0H		✓	✓	✓	✓	✓
F034AH	CAN receive FIFO pointer control register 1	RFPCTR1L	RFPCTR1	✓	✓	✓	✓	✓
F034BH		RFPCTR1H		✓	✓	✓	✓	✓
F0350H	CAN0 transmit/receive FIFO control register	CFCCL0L	CFCCL0	✓	✓	✓	✓	✓
F0351H	0L	CFCCL0H		✓	✓	✓	✓	✓
F0352H	CAN0 transmit/receive FIFO control register	CFCCH0L	CFCCH0	✓	✓	✓	✓	✓
F0353H	0H	CFCCH0H		✓	✓	✓	✓	✓
F0358H	CAN0 transmit/receive FIFO status register	CFSTS0L	CFSTS0	✓	✓	✓	✓	✓
F0359H	0	CFSTS0H		✓	✓	✓	✓	✓
F035CH	CAN0 transmit/receive FIFO pointer control	CFPCTR0L	CFPCTR0	✓	✓	✓	✓	✓
F035DH	register 0	-		✓	✓	✓	✓	✓
F0360H	Receive FIFO message lost status register	RFMSTS		✓	✓	✓	✓	✓
F0361H	CAN0 transmit/receive FIFO message lost status register	CFMSTS		✓	✓	✓	✓	✓
F0362H	CAN receive FIFO interrupt status register	RFISTS		✓	✓	✓	✓	✓
F0363H	CAN transmit/receive FIFO receive interrupt status register	CFISTS		✓	✓	✓	✓	✓
F0364H	CAN0 transmit buffer control register 0	TMC0		✓	✓	✓	✓	✓
F0365H	CAN0 transmit buffer control register 1	TMC1		✓	✓	✓	✓	✓
F0366H	CAN0 transmit buffer control register 2	TMC2		✓	✓	✓	✓	✓
F0367H	CAN0 transmit buffer control register 3	TMC3		✓	✓	✓	✓	✓
F036CH	CAN0 transmit buffer status register 0	TMSTS0		✓	✓	✓	✓	✓
F036DH	CAN0 transmit buffer status register 1	TMSTS1		✓	✓	✓	✓	✓
F036EH	CAN0 transmit buffer status register 2	TMSTS2		✓	✓	✓	✓	✓
F036FH	CAN0 transmit buffer status register 3	TMSTS3		✓	✓	✓	✓	✓
F0374H	CAN0 transmit buffer transmit request status	TMTRSTSL	TMTRSTS	✓	✓	✓	✓	✓
F0375H	register	TMTRSTSH		✓	✓	✓	✓	✓
F0376H	CAN0 transmit buffer transmit complete	TMTCSTSL	TMTCSTS	✓	✓	✓	✓	✓
F0377H	status register	TMTCSTSH		✓	✓	✓	✓	✓

RENESAS

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (10/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0378H	CAN0 transmit buffer transmit abort status register	TMTASTSL	TMTASTS	✓	✓	✓	✓	✓
F0379H		TMTASTSH		✓	✓	✓	✓	✓
F037AH	CAN0 transmit buffer interrupt enable register	TMIECL	TMIEC	✓	✓	✓	✓	✓
F037BH		TMIECH		✓	✓	✓	✓	✓
F037CH	CAN0 transmit history buffer control register	THLCC0L	THLCC0	✓	✓	✓	✓	✓
F037DH		THLCC0H		✓	✓	✓	✓	✓
F0380H	CAN0 transmit history buffer status register	THLSTS0L	THLSTS0	✓	✓	✓	✓	✓
F0381H		THLSTS0H		✓	✓	✓	✓	✓
F0384H	CAN0 transmit history buffer pointer control register	THLPCTR0L	THLPCTR0	✓	✓	✓	✓	✓
F0385H		THLPCTR0H		✓	✓	✓	✓	✓
F0388H	CAN global transmit interrupt status register	GTINTSTSL	GTINTSTS	✓	✓	✓	✓	✓
F0389H		GTINTSTSH		✓	✓	✓	✓	✓
F038AH	CAN global RAM window control register	GRWCRL	GRWCR	✓	✓	✓	✓	✓
F038BH		GRWCRH		✓	✓	✓	✓	✓
F038CH	CAN global test configuration register	GTSTCFGL	GTSTCFG	✓	✓	✓	✓	✓
F038DH		GTSTCFGH		✓	✓	✓	✓	✓
F038EH	CAN global test control register	GTSTCTRL		✓	✓	✓	✓	✓
F0394H	CAN global test protection unlock register	GLOCKK		✓	✓	✓	✓	✓
F0395H								
F03A0H	CAN receive rule entry register 0AL / CAN receive buffer register 0AL	GAFLIDL0L/ RMIDL0L	GAFLIDL0/ RMIDL0	✓	✓	✓	✓	✓
F03A1H		GAFLIDL0H/ RMIDL0H		✓	✓	✓	✓	✓
F03A2H	CAN receive rule entry register 0AH / CAN receive buffer register 0AH	GAFLIDH0L/ RMIDH0L	GAFLIDH0/ RMIDH0	✓	✓	✓	✓	✓
F03A3H		GAFLIDH0H/ RMIDH0H		✓	✓	✓	✓	✓
F03A4H	CAN receive rule entry register 0BL / CAN receive buffer register 0BL	GAFLML0L/ RMTS0L	GAFLML0/ RMTS0	✓	✓	✓	✓	✓
F03A5H		GAFLML0H/ RMTS0H		✓	✓	✓	✓	✓
F03A6H	CAN receive rule entry register 0BH / CAN receive buffer register 0BH	GAFLMH0L/ RMPTR0L	GAFLMH0/ RMPTR0	✓	✓	✓	✓	✓
F03A7H		GAFLMH0H/ RMPTR0H		✓	✓	✓	✓	✓
F03A8H	CAN receive rule entry register 0CL / CAN receive buffer register 0CL	GAFLPL0L/ RMDF00L	GAFLPL0/ RMDF00	✓	✓	✓	✓	✓
F03A9H		GAFLPL0H/ RMDF00H		✓	✓	✓	✓	✓
F03AAH	CAN receive rule entry register 0CH / CAN receive buffer register 0CH	GAFLPH0L/ RMDF10L	GAFLPH0/ RMDF10	✓	✓	✓	✓	✓
F03ABH		GAFLPH0H/ RMDF10H		✓	✓	✓	✓	✓
F03ACH	CAN receive rule entry register 1AL / CAN receive buffer register 0DL	GAFLIDL1L/ RMDF20L	GAFLIDL1/ RMDF20	✓	✓	✓	✓	✓
F03ADH		GAFLIDL1H/ RMDF20H		✓	✓	✓	✓	✓
F03AEH	CAN receive rule entry register 1AH / CAN receive buffer register 0DH	GAFLIDH1L/ RMDF30L	GAFLIDH1/ RMDF30	✓	✓	✓	✓	✓
F03AFH		GAFLIDH1H/ RMDF30H		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2ⁿᵈ SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (11/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F03B0H	CAN receive rule entry register 1BL / CAN receive buffer register 1AL	GAFLML1L/ RMIDL1L	GAFLML1/ RMIDL1	✓	✓	✓	✓	✓
F03B1H		GAFLML1H/ RMIDL1H		✓	✓	✓	✓	✓
F03B2H	CAN receive rule entry register 1BH / CAN receive buffer register 1AH	GAFLMH1L/ RMIDH1L	GAFLMH1/ RMIDH1	✓	✓	✓	✓	✓
F03B3H		GAFLMH1H/ RMIDH1H		✓	✓	✓	✓	✓
F03B4H	CAN receive rule entry register 1CL / CAN receive buffer register 1BL	GAFLPL1L/ RMTS1L	GAFLPL1/ RMTS1	✓	✓	✓	✓	✓
F03B5H		GAFLPL1H/ RMTS1H		✓	✓	✓	✓	✓
F03B6H	CAN receive rule entry register 1CH / CAN receive buffer register 1BH	GAFLPH1L/ RMPTR1L	GAFLPH1/ RMPTR1	✓	✓	✓	✓	✓
F03B7H		GAFLPH1H/ RMPTR1H		✓	✓	✓	✓	✓
F03B8H	CAN receive rule entry register 2AL / CAN receive buffer register 1CL	GAFLIDL2L/ RMDF01L	GAFLIDL2/ RMDF01	✓	✓	✓	✓	✓
F03B9H		GAFLIDL2H/ RMDF01H		✓	✓	✓	✓	✓
F03BAH	CAN receive rule entry register 2AH / CAN receive buffer register 1CH	GAFLIDH2L/ RMDF11L	GAFLIDH2/ RMDF11	✓	✓	✓	✓	✓
F03BBH		GAFLIDH2H/ RMDF11H		✓	✓	✓	✓	✓
F03BCH	CAN receive rule entry register 2BL / CAN receive buffer register 1DL	GAFLML2L/ RMDF21L	GAFLML2/ RMDF21	✓	✓	✓	✓	✓
F03BDH		GAFLML2H/ RMDF21H		✓	✓	✓	✓	✓
F03BEH	CAN receive rule entry register 2BH / CAN receive buffer register 1DH	GAFLMH2L/ RMDF31L	GAFLMH2/ RMDF31	✓	✓	✓	✓	✓
F03BFH		GAFLMH2H/ RMDF31H		✓	✓	✓	✓	✓
F03C0H	CAN receive rule entry register 2CL / CAN receive buffer register 2AL	GAFLPL2L/ RMIDL2L	GAFLPL2/ RMIDL2	✓	✓	✓	✓	✓
F03C1H		GAFLPL2H/ RMIDL2H		✓	✓	✓	✓	✓
F03C2H	CAN receive rule entry register 2CH / CAN receive buffer register 2AH	GAFLPH2L/ RMIDH2L	GAFLPH2/ RMIDH2	✓	✓	✓	✓	✓
F03C3H		GAFLPH2H/ RMIDH2H		✓	✓	✓	✓	✓
F03C4H	CAN receive rule entry register 3AL / CAN receive buffer register 2BL	GAFLIDL3L/ RMTS2L	GAFLIDL3/ RMTS2	✓	✓	✓	✓	✓
F03C5H		GAFLIDL3H/ RMTS2H		✓	✓	✓	✓	✓
F03C6H	CAN receive rule entry register 3AH / CAN receive buffer register 2BH	GAFLIDH3L/ RMPTR2L	GAFLIDH3/ RMPTR2	✓	✓	✓	✓	✓
F03C7H		GAFLIDH3H/ RMPTR2H		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (12/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F03C8H	CAN receive rule entry register 3BL / CAN receive buffer register 2CL	GAFLML3L/ RMDF02L	GAFLML3/ RMDF02	✓	✓	✓	✓	✓
F03C9H		GAFLML3H/ RMDF02H		✓	✓	✓	✓	✓
F03CAH	CAN receive rule entry register 3BH / CAN receive buffer register 2CH	GAFLMH3L/ RMDF12L	GAFLMH3/ RMDF12	✓	✓	✓	✓	✓
F03CBH		GAFLMH3H/ RMDF12H		✓	✓	✓	✓	✓
F03CCH	CAN receive rule entry register 3CL / CAN receive buffer register 2DL	GAFLPL3L/ RMDF22L	GAFLPL3/ RMDF22	✓	✓	✓	✓	✓
F03CDH		GAFLPL3H/ RMDF22H		✓	✓	✓	✓	✓
F03CEH	CAN receive rule entry register 3CH / CAN receive buffer register 2DH	GAFLPH3L/ RMDF32L	GAFLPH3/ RMDF32	✓	✓	✓	✓	✓
F03CFH		GAFLPH3H/ RMDF32H		✓	✓	✓	✓	✓
F03D0H	CAN receive rule entry register 4AL / CAN receive buffer register 3AL	GAFLIDL4L/ RMIDL3L	GAFLIDL4/ RMIDL3	✓	✓	✓	✓	✓
F03D1H		GAFLIDL4H/ RMIDL3H		✓	✓	✓	✓	✓
F03D2H	CAN receive rule entry register 4AH / CAN receive buffer register 3AH	GAFLIDH4L/ RMIDH3L	GAFLIDH4/ RMIDH3	✓	✓	✓	✓	✓
F03D3H		GAFLIDH4H/ RMIDH3H		✓	✓	✓	✓	✓
F03D4H	CAN receive rule entry register 4BL / CAN receive buffer register 3BL	GAFLML4L/ RMTS3L	GAFLML4/ RMTS3	✓	✓	✓	✓	✓
F03D5H		GAFLML4H/ RMTS3H		✓	✓	✓	✓	✓
F03D6H	CAN receive rule entry register 4BH / CAN receive buffer register 3BH	GAFLMH4L/ RMPTR3L	GAFLMH4/ RMPTR3	✓	✓	✓	✓	✓
F03D7H		GAFLMH4H/ RMPTR3H		✓	✓	✓	✓	✓
F03D8H	CAN receive rule entry register 4CL / CAN receive buffer register 3CL	GAFLPL4L/ RMDF03L	GAFLPL4/ RMDF03	✓	✓	✓	✓	✓
F03D9H		GAFLPL4H/ RMDF03H		✓	✓	✓	✓	✓
F03DAH	CAN receive rule entry register 4CH / CAN receive buffer register 3CH	GAFLPH4L/ RMDF13L	GAFLPH4/ RMDF13	✓	✓	✓	✓	✓
F03DBH		GAFLPH4H/ RMDF13H		✓	✓	✓	✓	✓
F03DCH	CAN receive rule entry register 5AL / CAN receive buffer register 3DL	GAFLIDL5L/ RMDF23L	GAFLIDL5/ RMDF23	✓	✓	✓	✓	✓
F03DDH		GAFLIDL5H/ RMDF23H		✓	✓	✓	✓	✓
F03DEH	CAN receive rule entry register 5AH / CAN receive buffer register 3DH	GAFLIDH5L/ RMDF33L	GAFLIDH5/ RMDF33	✓	✓	✓	✓	✓
F03DFH		GAFLIDH5H/ RMDF33H		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (13/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F03E0H	CAN receive rule entry register 5BL / CAN receive buffer register 4AL	GAFLML5L/ RMIDL4L	GAFLML5/ RMIDL4	✓	✓	✓	✓	✓
F03E1H		GAFLML5H/ RMIDL4H		✓	✓	✓	✓	✓
F03E2H	CAN receive rule entry register 5BH / CAN receive buffer register 4AH	GAFLMH5L/ RMIDH4L	GAFLMH5/ RMIDH4	✓	✓	✓	✓	✓
F03E3H		GAFLMH5H/ RMIDH4H		✓	✓	✓	✓	✓
F03E4H	CAN receive rule entry register 5CL / CAN receive buffer register 4BL	GAFLPL5L/ RMTS4L	GAFLPL5/ RMTS4	✓	✓	✓	✓	✓
F03E5H		GAFLPL5H/ RMTS4H		✓	✓	✓	✓	✓
F03E6H	CAN receive rule entry register 5CH / CAN receive buffer register 4BH	GAFLPH5L/ RMPTR4L	GAFLPH5/ RMPTR4	✓	✓	✓	✓	✓
F03E7H		GAFLPH5H/ RMPTR4H		✓	✓	✓	✓	✓
F03E8H	CAN receive rule entry register 6AL / CAN receive buffer register 4CL	GAFLIDL6L/ RMDF04L	GAFLIDL6/ RMDF04	✓	✓	✓	✓	✓
F03E9H		GAFLIDL6H/ RMDF04H		✓	✓	✓	✓	✓
F03EAH	CAN receive rule entry register 6AH / CAN receive buffer register 4CH	GAFLIDH6L/ RMDF14L	GAFLIDH6/ RMDF14	✓	✓	✓	✓	✓
F03EBH		GAFLIDH6H/ RMDF14H		✓	✓	✓	✓	✓
F03ECH	CAN receive rule entry register 6BL / CAN receive buffer register 4DL	GAFLML6L/ RMDF24L	GAFLML6/ RMDF24	✓	✓	✓	✓	✓
F03EDH		GAFLML6H/ RMDF24H		✓	✓	✓	✓	✓
F03EEH	CAN receive rule entry register 6BH / CAN receive buffer register 4DH	GAFLMH6L/ RMDF34L	GAFLMH6/ RMDF34	✓	✓	✓	✓	✓
F03EFH		GAFLMH6H/ RMDF34H		✓	✓	✓	✓	✓
F03F0H	CAN receive rule entry register 6CL / CAN receive buffer register 5AL	GAFLPL6L/ RMIDL5L	GAFLPL6/ RMIDL5	✓	✓	✓	✓	✓
F03F1H		GAFLPL6H/ RMIDL5H		✓	✓	✓	✓	✓
F03F2H	CAN receive rule entry register 6CH / CAN receive buffer register 5AH	GAFLPH6L/ RMIDH5L	GAFLPH6/ RMIDH5	✓	✓	✓	✓	✓
F03F3H		GAFLPH6H/ RMIDH5H		✓	✓	✓	✓	✓
F03F4H	CAN receive rule entry register 7AL / CAN receive buffer register 5BL	GAFLIDL7L/ RMTS5L	GAFLIDL7/ RMTS5	✓	✓	✓	✓	✓
F03F5H		GAFLIDL7H/ RMTS5H		✓	✓	✓	✓	✓
F03F6H	CAN receive rule entry register 7AH / CAN receive buffer register 5BH	GAFLIDH7L/ RMPTR5L	GAFLIDH7/ RMPTR5	✓	✓	✓	✓	✓
F03F7H		GAFLIDH7H/ RMPTR5H		✓	✓	✓	✓	✓

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Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (14/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F03F8H	CAN receive rule entry register 7BL / CAN receive buffer register 5CL	GAFLML7L/ RMDF05L	GAFLML7/ RMDF05	✓	✓	✓	✓	✓
F03F9H		GAFLML7H/ RMDF05H		✓	✓	✓	✓	✓
F03FAH	CAN receive rule entry register 7BH / CAN receive buffer register 5CH	GAFLMH7L/ RMDF15L	GAFLMH7/ RMDF15	✓	✓	✓	✓	✓
F03FBH		GAFLMH7H/ RMDF15H		✓	✓	✓	✓	✓
F03FCH	CAN receive rule entry register 7CL / CAN receive buffer register 5DL	GAFLPL7L/ RMDF25L	GAFLPL7/ RMDF25	✓	✓	✓	✓	✓
F03FDH		GAFLPL7H/ RMDF25H		✓	✓	✓	✓	✓
F03FEH	CAN receive rule entry register 7CH / CAN receive buffer register 5DH	GAFLPH7L/ RMDF35L	GAFLPH7/ RMDF35	✓	✓	✓	✓	✓
F03FFH		GAFLPH7H/ RMDF35H		✓	✓	✓	✓	✓
F0400H	CAN receive rule entry register 8AL / CAN receive buffer register 6AL	GAFLIDL8L/ RMIDL6L	GAFLIDL8/ RMIDL6	✓	✓	✓	✓	✓
F0401H		GAFLIDL8H/ RMIDL6H		✓	✓	✓	✓	✓
F0402H	CAN receive rule entry register 8AH / CAN receive buffer register 6AH	GAFLIDH8L/ RMIDH6L	GAFLIDH8/ RMIDH6	✓	✓	✓	✓	✓
F0403H		GAFLIDH8H/ RMIDH6H		✓	✓	✓	✓	✓
F0404H	CAN receive rule entry register 8BL / CAN receive buffer register 6BL	GAFLML8L/ RMTS6L	GAFLML8/ RMTS6	✓	✓	✓	✓	✓
F0405H		GAFLML8H/ RMTS6H		✓	✓	✓	✓	✓
F0406H	CAN receive rule entry register 8BH / CAN receive buffer register 6BH	GAFLMH8L/ RMPTR6L	GAFLMH8/ RMPTR6	✓	✓	✓	✓	✓
F0407H		GAFLMH8H/ RMPTR6H		✓	✓	✓	✓	✓
F0408H	CAN receive rule entry register 8CL / CAN receive buffer register 6CL	GAFLPL8L/ RMDF06L	GAFLPL8/ RMDF06	✓	✓	✓	✓	✓
F0409H		GAFLPL8H/ RMDF06H		✓	✓	✓	✓	✓
F040AH	CAN receive rule entry register 8CH / CAN receive buffer register 6CH	GAFLPH8L/ RMDF16L	GAFLPH8/ RMDF16	✓	✓	✓	✓	✓
F040BH		GAFLPH8H/ RMDF16H		✓	✓	✓	✓	✓
F040CH	CAN receive rule entry register 9AL / CAN receive buffer register 6DL	GAFLIDL9L/ RMDF26L	GAFLIDL9/ RMDF26	✓	✓	✓	✓	✓
F040DH		GAFLIDL9H/ RMDF26H		✓	✓	✓	✓	✓
F040EH	CAN receive rule entry register 9AH / CAN receive buffer register 6DH	GAFLIDH9L/ RMDF36L	GAFLIDH9/ RMDF36	✓	✓	✓	✓	✓
F040FH		GAFLIDH9H/ RMDF36H		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (15/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0410H	CAN receive rule entry register 9BL / CAN receive buffer register 7AL	GAFLML9L/ RMIDL7L	GAFLML9/ RMIDL7	✓	✓	✓	✓	✓
F0411H		GAFLML9H/ RMIDL7H		✓	✓	✓	✓	✓
F0412H	CAN receive rule entry register 9BH / CAN receive buffer register 7AH	GAFLMH9L/ RMIDH7L	GAFLMH9/ RMIDH7	✓	✓	✓	✓	✓
F0413H		GAFLMH9H/ RMIDH7H		✓	✓	✓	✓	✓
F0414H	CAN receive rule entry register 9CL / CAN receive buffer register 7BL	GAFLPL9L/ RMTS7L	GAFLPL9/ RMTS7	✓	✓	✓	✓	✓
F0415H		GAFLPL9H/ RMTS7H		✓	✓	✓	✓	✓
F0416H	CAN receive rule entry register 9CH / CAN receive buffer register 7BH	GAFLPH9L/ RMPTR7L	GAFLPH9/ RMPTR7	✓	✓	✓	✓	✓
F0417H		GAFLPH9H/ RMPTR7H		✓	✓	✓	✓	✓
F0418H	CAN receive rule entry register 10AL / CAN receive buffer register 7CL	GAFLIDL10L/ RMDF07L	GAFLIDL10/ RMDF07	✓	✓	✓	✓	✓
F0419H		GAFLIDL10H/ RMDF07H		✓	✓	✓	✓	✓
F041AH	CAN receive rule entry register 10AH / CAN receive buffer register 7CH	GAFLIDH10L/ RMDF17L	GAFLIDH10/ RMDF17	✓	✓	✓	✓	✓
F041BH		GAFLIDH10H/ RMDF17H		✓	✓	✓	✓	✓
F041CH	CAN receive rule entry register 10BL / CAN receive buffer register 7DL	GAFLML10L/ RMDF27L	GAFLML10/ RMDF27	✓	✓	✓	✓	✓
F041DH		GAFLML10H/ RMDF27H		✓	✓	✓	✓	✓
F041EH	CAN receive rule entry register 10BH / CAN receive buffer register 7DH	GAFLMH10L/ RMDF37L	GAFLMH10/ RMDF37	✓	✓	✓	✓	✓
F041FH		GAFLMH10H/ RMDF37H		✓	✓	✓	✓	✓
F0420H	CAN receive rule entry register 10CL / CAN receive buffer register 8AL	GAFLPL10L/ RMIDL8L	GAFLPL10/ RMIDL8	✓	✓	✓	✓	✓
F0421H		GAFLPL10H/ RMIDL8H		✓	✓	✓	✓	✓
F0422H	CAN receive rule entry register 10CH / CAN receive buffer register 8AH	GAFLPH10L/ RMIDH8L	GAFLPH10/ RMIDH8	✓	✓	✓	✓	✓
F0423H		GAFLPH10H/ RMIDH8H		✓	✓	✓	✓	✓
F0424H	CAN receive rule entry register 11AL / CAN receive buffer register 8BL	GAFLIDL11L/ RMTS8L	GAFLIDL11/ RMTS8	✓	✓	✓	✓	✓
F0425H		GAFLIDL11H/ RMTS8H		✓	✓	✓	✓	✓
F0426H	CAN receive rule entry register 11AH / CAN receive buffer register 8BH	GAFLIDH11L/ RMPTR8L	GAFLIDH11/ RMPTR8	✓	✓	✓	✓	✓
F0427H		GAFLIDH11H/ RMPTR8H		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (16/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0428H	CAN receive rule entry register 11BL / CAN receive buffer register 8CL	GAFLML11L/ RMDF08L	GAFLML11/ RMDF08	✓	✓	✓	✓	✓
F0429H		GAFLML11H/ RMDF08H		✓	✓	✓	✓	✓
F042AH	CAN receive rule entry register 11BH / CAN receive buffer register 8CH	GAFLMH11L/ RMDF18L	GAFLMH11/ RMDF18	✓	✓	✓	✓	✓
F042BH		GAFLMH11H/ RMDF18H		✓	✓	✓	✓	✓
F042CH	CAN receive rule entry register 11CL / CAN receive buffer register 8DL	GAFLPL11L/ RMDF28L	GAFLPL11/ RMDF28	✓	✓	✓	✓	✓
F042DH		GAFLPL11H/ RMDF28H		✓	✓	✓	✓	✓
F042EH	CAN receive rule entry register 11CH / CAN receive buffer register 8DH	GAFLPH11L/ RMDF38L	GAFLPH11/ RMDF38	✓	✓	✓	✓	✓
F042FH		GAFLPH11H/ RMDF38H		✓	✓	✓	✓	✓
F0430H	CAN receive rule entry register 12AL / CAN receive buffer register 9AL	GAFLIDL12L/ RMIDL9L	GAFLIDL12/ RMIDL9	✓	✓	✓	✓	✓
F0431H		GAFLIDL12H/ RMIDL9H		✓	✓	✓	✓	✓
F0432H	CAN receive rule entry register 12AH / CAN receive buffer register 9AH	GAFLIDH12L/ RMIDH9L	GAFLIDH12/ RMIDH9	✓	✓	✓	✓	✓
F0433H		GAFLIDH12H/ RMIDH9H		✓	✓	✓	✓	✓
F0434H	CAN receive rule entry register 12BL / CAN receive buffer register 9BL	GAFLML12L/ RMTS9L	GAFLML12/ RMTS9	✓	✓	✓	✓	✓
F0435H		GAFLML12H/ RMTS9H		✓	✓	✓	✓	✓
F0436H	CAN receive rule entry register 12BH / CAN receive buffer register 9BH	GAFLMH12L/ RMPTR9L	GAFLMH12/ RMPTR9	✓	✓	✓	✓	✓
F0437H		GAFLMH12H/ RMPTR9H		✓	✓	✓	✓	✓
F0438H	CAN receive rule entry register 12CL / CAN receive buffer register 9CL	GAFLPL12L/ RMDF09L	GAFLPL12/ RMDF09	✓	✓	✓	✓	✓
F0439H		GAFLPL12H/ RMDF09H		✓	✓	✓	✓	✓
F043AH	CAN receive rule entry register 12CH / CAN receive buffer register 9CH	GAFLPH12L/ RMDF19L	GAFLPH12/ RMDF19	✓	✓	✓	✓	✓
F043BH		GAFLPH12H/ RMDF19H		✓	✓	✓	✓	✓
F043CH	CAN receive rule entry register 13AL / CAN receive buffer register 9DL	GAFLIDL13L/ RMDF29L	GAFLIDL13/ RMDF29	✓	✓	✓	✓	✓
F043DH		GAFLIDL13H/ RMDF29H		✓	✓	✓	✓	✓
F043EH	CAN receive rule entry register 13AH / CAN receive buffer register 9DH	GAFLIDH13L/ RMDF39L	GAFLIDH13/ RMDF39	✓	✓	✓	✓	✓
F043FH		GAFLIDH13H/ RMDF39H		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2ⁿᵈ SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (17/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0440H	CAN receive rule entry register 13BL / CAN receive buffer register 10AL	GAFLML13L/ RMIDL10L	GAFLML13/ RMIDL10	✓	✓	✓	✓	✓
F0441H		GAFLML13H/ RMIDL10H		✓	✓	✓	✓	✓
F0442H	CAN receive rule entry register 13BH / CAN receive buffer register 10AH	GAFLMH13L/ RMIDH10L	GAFLMH13/ RMIDH10	✓	✓	✓	✓	✓
F0443H		GAFLMH13H/ RMIDH10H		✓	✓	✓	✓	✓
F0444H	CAN receive rule entry register 13CL / CAN receive buffer register 10BL	GAFLPL13L/ RMTS10L	GAFLPL13/ RMTS10	✓	✓	✓	✓	✓
F0445H		GAFLPL13H/ RMTS10H		✓	✓	✓	✓	✓
F0446H	CAN receive rule entry register 13CH / CAN receive buffer register 10BH	GAFLPH13L/ RMPTR10L	GAFLPH13/ RMPTR10	✓	✓	✓	✓	✓
F0447H		GAFLPH13H/ RMPTR10H		✓	✓	✓	✓	✓
F0448H	CAN receive rule entry register 14AL / CAN receive buffer register 10CL	GAFLIDL14L/ RMDF010L	GAFLIDL14/ RMDF010	✓	✓	✓	✓	✓
F0449H		GAFLIDL14H/ RMDF010H		✓	✓	✓	✓	✓
F044AH	CAN receive rule entry register 14AH / CAN receive buffer register 10CH	GAFLIDH14L/ RMDF110L	GAFLIDH14/ RMDF110	✓	✓	✓	✓	✓
F044BH		GAFLIDH14H/ RMDF110H		✓	✓	✓	✓	✓
F044CH	CAN receive rule entry register 14BL / CAN receive buffer register 10DL	GAFLML14L/ RMDF210L	GAFLML14/ RMDF210	✓	✓	✓	✓	✓
F044DH		GAFLML14H/ RMDF210H		✓	✓	✓	✓	✓
F044EH	CAN receive rule entry register 14BH / CAN receive buffer register 10DH	GAFLMH14L/ RMDF310L	GAFLMH14/ RMDF310	✓	✓	✓	✓	✓
F044FH		GAFLMH14H/ RMDF310H		✓	✓	✓	✓	✓
F0450H	CAN receive rule entry register 14CL / CAN receive buffer register 11AL	GAFLPL14L/ RMIDL11L	GAFLPL14/ RMIDL11	✓	✓	✓	✓	✓
F0451H		GAFLPL14H/ RMIDL11H		✓	✓	✓	✓	✓
F0452H	CAN receive rule entry register 14CH / CAN receive buffer register 11AH	GAFLPH14L/ RMIDH11L	GAFLPH14/ RMIDH11	✓	✓	✓	✓	✓
F0453H		GAFLPH14H/ RMIDH11H		✓	✓	✓	✓	✓
F0454H	CAN receive rule entry register 15AL / CAN receive buffer register 11BL	GAFLIDL15L/ RMTS11L	GAFLIDL15/ RMTS11	✓	✓	✓	✓	✓
F0455H		GAFLIDL15H/ RMTS11H		✓	✓	✓	✓	✓
F0456H	CAN receive rule entry register 15AH / CAN receive buffer register 11BH	GAFLIDH15L/ RMPTR11L	GAFLIDH15/ RMPTR11	✓	✓	✓	✓	✓
F0457H		GAFLIDH15H/ RMPTR11H		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (18/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0458H	CAN receive rule entry register 15BL / CAN receive buffer register 11CL	GAFLML15L/ RMDF011L	GAFLML15/ RMDF011	✓	✓	✓	✓	✓
F0459H		GAFLML15H/ RMDF011H		✓	✓	✓	✓	✓
F045AH	CAN receive rule entry register 15BH / CAN receive buffer register 11CH	GAFLMH15L/ RMDF111L	GAFLMH15/ RMDF111	✓	✓	✓	✓	✓
F045BH		GAFLMH15H/ RMDF111H		✓	✓	✓	✓	✓
F045CH	CAN receive rule entry register 15CL / CAN receive buffer register 11DL	GAFLPL15L/ RMDF211L	GAFLPL15/ RMDF211	✓	✓	✓	✓	✓
F045DH		GAFLPL15H/ RMDF211H		✓	✓	✓	✓	✓
F045EH	CAN receive rule entry register 15CH / CAN receive buffer register 11DH	GAFLPH15L/ RMDF311L	GAFLPH15/ RMDF311	✓	✓	✓	✓	✓
F045FH		GAFLPH15H/ RMDF311H		✓	✓	✓	✓	✓
F0460H	CAN receive buffer register 12AL	RMIDL12L	RMIDL12	✓	✓	✓	✓	✓
F0461H		RMIDL12H		✓	✓	✓	✓	✓
F0462H	CAN receive buffer register 12AH	RMIDH12L	RMIDH12	✓	✓	✓	✓	✓
F0463H		RMIDH12H		✓	✓	✓	✓	✓
F0464H	CAN receive buffer register 12BL	RMTS12L	RMTS12	✓	✓	✓	✓	✓
F0465H		RMTS12H		✓	✓	✓	✓	✓
F0466H	CAN receive buffer register 12BH	RMPTR12L	RMPTR12	✓	✓	✓	✓	✓
F0467H		RMPTR12H		✓	✓	✓	✓	✓
F0468H	CAN receive buffer register 12CL	RMDF012L	RMDF012	✓	✓	✓	✓	✓
F0469H		RMDF012H		✓	✓	✓	✓	✓
F046AH	CAN receive buffer register 12CH	RMDF112L	RMDF112	✓	✓	✓	✓	✓
F046BH		RMDF112H		✓	✓	✓	✓	✓
F046CH	CAN receive buffer register 12DL	RMDF212L	RMDF212	✓	✓	✓	✓	✓
F046DH		RMDF212H		✓	✓	✓	✓	✓
F046EH	CAN receive buffer register 12DH	RMDF312L	RMDF312	✓	✓	✓	✓	✓
F046FH		RMDF312H		✓	✓	✓	✓	✓
F0470H	CAN receive buffer register 13AL	RMIDL13L	RMIDL13	✓	✓	✓	✓	✓
F0471H		RMIDL13H		✓	✓	✓	✓	✓
F0472H	CAN receive buffer register 13AH	RMIDH13L	RMIDH13	✓	✓	✓	✓	✓
F0473H		RMIDH13H		✓	✓	✓	✓	✓
F0474H	CAN receive buffer register 13BL	RMTS13L	RMTS13	✓	✓	✓	✓	✓
F0475H		RMTS13H		✓	✓	✓	✓	✓
F0476H	CAN receive buffer register 13BH	RMPTR13L	RMPTR13	✓	✓	✓	✓	✓
F0477H		RMPTR13H		✓	✓	✓	✓	✓
F0478H	CAN receive buffer register 13CL	RMDF013L	RMDF013	✓	✓	✓	✓	✓
F0479H		RMDF013H		✓	✓	✓	✓	✓
F047AH	CAN receive buffer register 13CH	RMDF113L	RMDF113	✓	✓	✓	✓	✓
F047BH		RMDF113H		✓	✓	✓	✓	✓
F047CH	CAN receive buffer register 13DL	RMDF213L	RMDF213	✓	✓	✓	✓	✓
F047DH		RMDF213H		✓	✓	✓	✓	✓
F047EH	CAN receive buffer register 13DH	RMDF313L	RMDF313	✓	✓	✓	✓	✓
F047FH		RMDF313H		✓	✓	✓	✓	✓
F0480H	CAN receive buffer register 14AL	RMIDL14L	RMIDL14	✓	✓	✓	✓	✓
F0481H		RMIDL14H		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (19/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0482H	CAN receive buffer register 14AH	RMIDH14L	RMIDH14	✓	✓	✓	✓	✓
F0483H		RMIDH14H		✓	✓	✓	✓	✓
F0484H	CAN receive buffer register 14BL	RMTS14L	RMTS14	✓	✓	✓	✓	✓
F0485H		RMTS14H		✓	✓	✓	✓	✓
F0486H	CAN receive buffer register 14BH	RMPTR14L	RMPTR14	✓	✓	✓	✓	✓
F0487H		RMPTR14H		✓	✓	✓	✓	✓
F0488H	CAN receive buffer register 14CL	RMDF014L	RMDF014	✓	✓	✓	✓	✓
F0489H		RMDF014H		✓	✓	✓	✓	✓
F048AH	CAN receive buffer register 14CH	RMDF114L	RMDF114	✓	✓	✓	✓	✓
F048BH		RMDF114H		✓	✓	✓	✓	✓
F048CH	CAN receive buffer register 14DL	RMDF214L	RMDF214	✓	✓	✓	✓	✓
F048DH		RMDF214H		✓	✓	✓	✓	✓
F048EH	CAN receive buffer register 14DH	RMDF314L	RMDF314	✓	✓	✓	✓	✓
F048FH		RMDF314H		✓	✓	✓	✓	✓
F0490H	CAN receive buffer register 15AL	RMIDL15L	RMIDL15	✓	✓	✓	✓	✓
F0491H		RMIDL15H		✓	✓	✓	✓	✓
F0492H	CAN receive buffer register 15AH	RMIDH15L	RMIDH15	✓	✓	✓	✓	✓
F0493H		RMIDH15H		✓	✓	✓	✓	✓
F0494H	CAN receive buffer register 15BL	RMTS15L	RMTS15	✓	✓	✓	✓	✓
F0495H		RMTS15H		✓	✓	✓	✓	✓
F0496H	CAN receive buffer register 15BH	RMPTR15L	RMPTR15	✓	✓	✓	✓	✓
F0497H		RMPTR15H		✓	✓	✓	✓	✓
F0498H	CAN receive buffer register 15CL	RMDF015L	RMDF015	✓	✓	✓	✓	✓
F0499H		RMDF015H		✓	✓	✓	✓	✓
F049AH	CAN receive buffer register 15CH	RMDF115L	RMDF115	✓	✓	✓	✓	✓
F049BH		RMDF115H		✓	✓	✓	✓	✓
F049CH	CAN receive buffer register 15DL	RMDF215L	RMDF215	✓	✓	✓	✓	✓
F049DH		RMDF215H		✓	✓	✓	✓	✓
F049EH	CAN receive buffer register 15DH	RMDF315L	RMDF315	✓	✓	✓	✓	✓
F049FH		RMDF315H		✓	✓	✓	✓	✓
F0580H	CAN RAM test register 0	RPGACC0L	RPGACC0	✓	✓	✓	✓	✓
F0581H		RPGACC0H		✓	✓	✓	✓	✓
F0582H	CAN RAM test register 1	RPGACC1L	RPGACC1	✓	✓	✓	✓	✓
F0583H		RPGACC1H		✓	✓	✓	✓	✓
F0584H	CAN RAM test register 2	RPGACC2L	RPGACC2	✓	✓	✓	✓	✓
F0585H		RPGACC2H		✓	✓	✓	✓	✓
F0586H	CAN RAM test register 3	RPGACC3L	RPGACC3	✓	✓	✓	✓	✓
F0587H		RPGACC3H		✓	✓	✓	✓	✓
F0588H	CAN RAM test register 4	RPGACC4L	RPGACC4	✓	✓	✓	✓	✓
F0589H		RPGACC4H		✓	✓	✓	✓	✓
F058AH	CAN RAM test register 5	RPGACC5L	RPGACC5	✓	✓	✓	✓	✓
F058BH		RPGACC5H		✓	✓	✓	✓	✓
F058CH	CAN RAM test register 6	RPGACC6L	RPGACC6	✓	✓	✓	✓	✓
F058DH		RPGACC6H		✓	✓	✓	✓	✓
F058EH	CAN RAM test register 7	RPGACC7L	RPGACC7	✓	✓	✓	✓	✓
F058FH		RPGACC7H		✓	✓	✓	✓	✓
F0590H	CAN RAM test register 8	RPGACC8L	RPGACC8	✓	✓	✓	✓	✓
F0591H		RPGACC8H		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (20/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0592H	CAN RAM test register 9	RPGACC9L	RPGACC9	✓	✓	✓	✓	✓
F0593H		RPGACC9H		✓	✓	✓	✓	✓
F0594H	CAN RAM test register 10	RPGACC10L	RPGACC10	✓	✓	✓	✓	✓
F0595H		RPGACC10H		✓	✓	✓	✓	✓
F0596H	CAN RAM test register 11	RPGACC11L	RPGACC11	✓	✓	✓	✓	✓
F0597H		RPGACC11H		✓	✓	✓	✓	✓
F0598H	CAN RAM test register 12	RPGACC12L	RPGACC12	✓	✓	✓	✓	✓
F0599H		RPGACC12H		✓	✓	✓	✓	✓
F059AH	CAN RAM test register 13	RPGACC13L	RPGACC13	✓	✓	✓	✓	✓
F059BH		RPGACC13H		✓	✓	✓	✓	✓
F059CH	CAN RAM test register 14	RPGACC14L	RPGACC14	✓	✓	✓	✓	✓
F059DH		RPGACC14H		✓	✓	✓	✓	✓
F059EH	CAN RAM test register 15	RPGACC15L	RPGACC15	✓	✓	✓	✓	✓
F059FH		RPGACC15H		✓	✓	✓	✓	✓
F05A0H	CAN RAM test register 16 / CAN receive FIFO access register 0AL	RPGACC16L/ RFIDL0L	RPGACC16/ RFIDL0	✓	✓	✓	✓	✓
F05A1H		RPGACC16H RFIDL0H		✓	✓	✓	✓	✓
F05A2H	CAN RAM test register 17 / CAN receive FIFO access register 0AH	RPGACC17L/ RFIDH0L	RPGACC17/ RFIDH0	✓	✓	✓	✓	✓
F05A3H		RPGACC17H RFIDH0H		✓	✓	✓	✓	✓
F05A4H	CAN RAM test register 18 / CAN receive FIFO access register 0BL	RPGACC18L/ RFTS0L	RPGACC18/ RFTS0	✓	✓	✓	✓	✓
F05A5H		RPGACC18H/ RFTS0H		✓	✓	✓	✓	✓
F05A6H	CAN RAM test register 19 / CAN receive FIFO access register 0BH	RPGACC19L/ RFPTR0L	RPGACC19/ RFPTR0	✓	✓	✓	✓	✓
F05A7H		RPGACC19H/ RFPTR0H		✓	✓	✓	✓	✓
F05A8H	CAN RAM test register 20 / CAN receive FIFO access register 0CL	RPGACC20L/ RFDF00L	RPGACC20/ RFDF00	✓	✓	✓	✓	✓
F05A9H		RPGACC20H/ RFDF00H		✓	✓	✓	✓	✓
F05AAH	CAN RAM test register 21 / CAN receive FIFO access register 0CH	RPGACC21L/ RFDF10L	RPGACC21/ RFDF10	✓	✓	✓	✓	✓
F05ABH		RPGACC21H/ RFDF10H		✓	✓	✓	✓	✓
F05ACH	CAN RAM test register 22 / CAN receive FIFO access register 0DL	RPGACC22L/ RFDF20L	RPGACC22/ RFDF20	✓	✓	✓	✓	✓
F05ADH		RPGACC22H/ RFDF20H		✓	✓	✓	✓	✓
F05AEH	CAN RAM test register 23 / CAN receive FIFO access register 0DH	RPGACC23L/ RFDF30L	RPGACC23/ RFDF30	✓	✓	✓	✓	✓
F05AFH		RPGACC23H/ RFDF30H		✓	✓	✓	✓	✓
F05B0H	CAN RAM test register 24 / CAN receive FIFO access register 1AL	RPGACC24L/ RFIDL1L	RPGACC24/ RFIDL1	✓	✓	✓	✓	✓
F05B1H		RPGACC24H/ RFIDL1H		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (21/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F05B2H	CAN RAM test register 25 / CAN receive FIFO access register 1AH	RPGACC25L/ RFIDH1L	RPGACC25/ RFIDH1	✓	✓	✓	✓	✓
F05B3H		RPGACC25H/ RFIDH1H		✓	✓	✓	✓	✓
F05B4H	CAN RAM test register 26 / CAN receive FIFO access register 1BL	RPGACC26L/ RFTS1L	RPGACC26/ RFTS1	✓	✓	✓	✓	✓
F05B5H		RPGACC26H/ RFTS1H		✓	✓	✓	✓	✓
F05B6H	CAN RAM test register 27 / CAN receive FIFO access register 1BH	RPGACC27L/ RFPTR1L	RPGACC27/ RFPTR1	✓	✓	✓	✓	✓
F05B7H		RPGACC27H/ RFPTR1H		✓	✓	✓	✓	✓
F05B8H	CAN RAM test register 28 / CAN receive FIFO access register 1CL	RPGACC28L/ RFDF01L	RPGACC28/ RFDF01	✓	✓	✓	✓	✓
F05B9H		RPGACC28H/ RFDF01H		✓	✓	✓	✓	✓
F05BAH	CAN RAM test register 29 / CAN receive FIFO access register 1CH	RPGACC29L/ RFDF11L	RPGACC29/ RFDF11	✓	✓	✓	✓	✓
F05BBH		RPGACC29H/ RFDF11H		✓	✓	✓	✓	✓
F05BCH	CAN RAM test register 30 / CAN receive FIFO access register 1DL	RPGACC30L/ RFDF21L	RPGACC30/ RFDF21	✓	✓	✓	✓	✓
F05BDH		RPGACC30H/ RFDF21H		✓	✓	✓	✓	✓
F05BEH	CAN RAM test register 31 / CAN receive FIFO access register 1DH	RPGACC31L/ RFDF31L	RPGACC31/ RFDF31	✓	✓	✓	✓	✓
F05BFH		RPGACC31H/ RFDF31H		✓	✓	✓	✓	✓
F05C0H	CAN RAM test register 32	RPGACC32L	RPGACC32	✓	✓	✓	✓	✓
F05C1H		RPGACC32H		✓	✓	✓	✓	✓
F05C2H	CAN RAM test register 33	RPGACC33L	RPGACC33	✓	✓	✓	✓	✓
F05C3H		RPGACC33H		✓	✓	✓	✓	✓
F05C4H	CAN RAM test register 34	RPGACC34L	RPGACC34	✓	✓	✓	✓	✓
F05C5H		RPGACC34H		✓	✓	✓	✓	✓
F05C6H	CAN RAM test register 35	RPGACC35L	RPGACC35	✓	✓	✓	✓	✓
F05C7H		RPGACC35H		✓	✓	✓	✓	✓
F05C8H	CAN RAM test register 36	RPGACC36L	RPGACC36	✓	✓	✓	✓	✓
F05C9H		RPGACC36H		✓	✓	✓	✓	✓
F05CAH	CAN RAM test register 37	RPGACC37L	RPGACC37	✓	✓	✓	✓	✓
F05CBH		RPGACC37H		✓	✓	✓	✓	✓
F05CCH	CAN RAM test register 38	RPGACC38L	RPGACC38	✓	✓	✓	✓	✓
F05CDH		RPGACC38H		✓	✓	✓	✓	✓
F05CEH	CAN RAM test register 39	RPGACC39L	RPGACC39	✓	✓	✓	✓	✓
F05CFH		RPGACC39H		✓	✓	✓	✓	✓
F05D0H	CAN RAM test register 40	RPGACC40L	RPGACC40	✓	✓	✓	✓	✓
F05D1H		RPGACC40H		✓	✓	✓	✓	✓
F05D2H	CAN RAM test register 41	RPGACC41L	RPGACC41	✓	✓	✓	✓	✓
F05D3H		RPGACC41H		✓	✓	✓	✓	✓
F05D4H	CAN RAM test register 42	RPGACC42L	RPGACC42	✓	✓	✓	✓	✓
F05D5H		RPGACC42H		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (22/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F05D6H	CAN RAM test register 43	RPGACC43L	RPGACC43	✓	✓	✓	✓	✓
F05D7H		RPGACC43H		✓	✓	✓	✓	✓
F05D8H	CAN RAM test register 44	RPGACC44L	RPGACC44	✓	✓	✓	✓	✓
F05D9H		RPGACC44H		✓	✓	✓	✓	✓
F05DAH	CAN RAM test register 45	RPGACC45L	RPGACC45	✓	✓	✓	✓	✓
F05DBH		RPGACC45H		✓	✓	✓	✓	✓
F05DCH	CAN RAM test register 46	RPGACC46L	RPGACC46	✓	✓	✓	✓	✓
F05DDH		RPGACC46H		✓	✓	✓	✓	✓
F05DEH	CAN RAM test register 47	RPGACC47L	RPGACC47	✓	✓	✓	✓	✓
F05DFH		RPGACC47H		✓	✓	✓	✓	✓
F05E0H	CAN RAM test register 48 / CAN transmit/receive FIFO access register 0AL	RPGACC48L/ CFIDL0L	RPGACC48/ CFIDL0	✓	✓	✓	✓	✓
F05E1H		RPGACC48H/ CFIDL0H		✓	✓	✓	✓	✓
F05E2H	CAN RAM test register 49 / CAN transmit/receive FIFO access register 0AH	RPGACC49L/ CFIDH0L	RPGACC49/ CFIDH0	✓	✓	✓	✓	✓
F05E3H		RPGACC49H/ CFIDH0H		✓	✓	✓	✓	✓
F05E4H	CAN RAM test register 50 / CAN transmit/receive FIFO access register 0BL	RPGACC50L/ CFTS0L	RPGACC50/ CFTS0	✓	✓	✓	✓	✓
F05E5H		RPGACC50H/ CFTS0H		✓	✓	✓	✓	✓
F05E6H	CAN RAM test register 51 / CAN transmit/receive FIFO access register 0BH	RPGACC51L/ CFPTR0L	RPGACC51/ CFPTR0	✓	✓	✓	✓	✓
F05E7H		RPGACC51H/ CFPTR0H		✓	✓	✓	✓	✓
F05E8H	CAN RAM test register 52 / CAN transmit/receive FIFO access register 0CL	RPGACC52L/ CFDF00L	RPGACC52/ CFDF00	✓	✓	✓	✓	✓
F05E9H		RPGACC52H/ CFDF00H		✓	✓	✓	✓	✓
F05EAH	CAN RAM test register 53 / CAN transmit/receive FIFO access register 0CH	RPGACC53L/ CFDF10L	RPGACC53/ CFDF10	✓	✓	✓	✓	✓
F05EBH		RPGACC53H/ CFDF10H		✓	✓	✓	✓	✓
F05ECH	CAN RAM test register 54 / CAN transmit/receive FIFO access register 0DL	RPGACC54L/ CFDF20L	RPGACC54/ CFDF20	✓	✓	✓	✓	✓
F05EDH		RPGACC54H/ CFDF20H		✓	✓	✓	✓	✓
F05EEH	CAN RAM test register 55 / CAN transmit/receive FIFO access register 0DH	RPGACC55L/ CFDF30L	RPGACC55/ CFDF30	✓	✓	✓	✓	✓
F05EFH		RPGACC55H/ CFDF30H		✓	✓	✓	✓	✓
F05F0H	CAN RAM test register 56	RPGACC56L	RPGACC56	✓	✓	✓	✓	✓
F05F1H		RPGACC56H		✓	✓	✓	✓	✓
F05F2H	CAN RAM test register 57	RPGACC57L	RPGACC57	✓	✓	✓	✓	✓
F05F3H		RPGACC57H		✓	✓	✓	✓	✓
F05F4H	CAN RAM test register 58	RPGACC58L	RPGACC58	✓	✓	✓	✓	✓
F05F5H		RPGACC58H		✓	✓	✓	✓	✓
F05F6H	CAN RAM test register 59	RPGACC59L	RPGACC59	✓	✓	✓	✓	✓
F05F7H		RPGACC59H		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (23/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F05F8H	CAN RAM test register 60	RPGACC60L	RPGACC60	✓	✓	✓	✓	✓
F05F9H		RPGACC60H		✓	✓	✓	✓	✓
F05FAH	CAN RAM test register 61	RPGACC61L	RPGACC61	✓	✓	✓	✓	✓
F05FBH		RPGACC61H		✓	✓	✓	✓	✓
F05FCH	CAN RAM test register 62	RPGACC62L	RPGACC62	✓	✓	✓	✓	✓
F05FDH		RPGACC62H		✓	✓	✓	✓	✓
F05FEH	CAN RAM test register 63	RPGACC63L	RPGACC63	✓	✓	✓	✓	✓
F05FFH		RPGACC63H		✓	✓	✓	✓	✓
F0600H	CAN RAM test register 64 / CAN transmit buffer register 0AL	RPGACC64L/ TMIDL0L	RPGACC64/ TMIDL0	✓	✓	✓	✓	✓
F0601H		RPGACC64H/ TMIDL0H		✓	✓	✓	✓	✓
F0602H	CAN RAM test register 65 / CAN transmit buffer register 0AH	RPGACC65L/ TMIDH0L	RPGACC65/ TMIDH0	✓	✓	✓	✓	✓
F0603H		RPGACC65H/ TMIDH0H		✓	✓	✓	✓	✓
F0604H	CAN RAM test register 66	RPGACC66L	RPGACC66	✓	✓	✓	✓	✓
F0605H		RPGACC66H		✓	✓	✓	✓	✓
F0606H	CAN RAM test register 67 / CAN transmit buffer register 0BH	RPGACC67L/ TMPTR0L	RPGACC67/ TMPTR0	✓	✓	✓	✓	✓
F0607H		RPGACC67H/ TMPTR0H		✓	✓	✓	✓	✓
F0608H	CAN RAM test register 68 / CAN transmit buffer register 0CL	RPGACC68L/ TMDF00L	RPGACC68/ TMDF00	✓	✓	✓	✓	✓
F0609H		RPGACC68H/ TMDF00H		✓	✓	✓	✓	✓
F060AH	CAN RAM test register 69 / CAN transmit buffer register 0CH	RPGACC69L/ TMDF10L	RPGACC69/ TMDF10	✓	✓	✓	✓	✓
F060BH		RPGACC69H/ TMDF10H		✓	✓	✓	✓	✓
F060CH	CAN RAM test register 70 / CAN transmit buffer register 0DL	RPGACC70L/ TMDF20L	RPGACC70/ TMDF20	✓	✓	✓	✓	✓
F060DH		RPGACC70H/ TMDF20H		✓	✓	✓	✓	✓
F060EH	CAN RAM test register 71 / CAN transmit buffer register 0DH	RPGACC71L/ TMDF30L	RPGACC71/ TMDF30	✓	✓	✓	✓	✓
F060FH		RPGACC71H/ TMDF30H		✓	✓	✓	✓	✓
F0610H	CAN RAM test register 72 / CAN transmit buffer register 1AL	RPGACC72L/ TMIDL1L	RPGACC72/ TMIDL1	✓	✓	✓	✓	✓
F0611H		RPGACC72H/ TMIDL1H		✓	✓	✓	✓	✓
F0612H	CAN RAM test register 73 / CAN transmit buffer register 1AH	RPGACC73L/ TMIDH1L	RPGACC73/ TMIDH1	✓	✓	✓	✓	✓
F0613H		RPGACC73H/ TMIDH1H		✓	✓	✓	✓	✓
F0614H	CAN RAM test register 74	RPGACC74L	RPGACC74	✓	✓	✓	✓	✓
F0615H		RPGACC74H		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2ⁿᵈ SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (24/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0616H	CAN RAM test register 75 / CAN transmit buffer register 1BH	RPGACC75L/ TMPTR1L	RPGACC75/ TMPTR1	✓	✓	✓	✓	✓
F0617H		RPGACC75H/ TMPTR1H		✓	✓	✓	✓	✓
F0618H	CAN RAM test register 76 / CAN transmit buffer register 1CL	RPGACC76L/ TMDF01L	RPGACC76/ TMDF01	✓	✓	✓	✓	✓
F0619H		RPGACC76H/ TMDF01H		✓	✓	✓	✓	✓
F061AH	CAN RAM test register 77 / CAN transmit buffer register 1CH	RPGACC77L/ TMDF11L	RPGACC77/ TMDF11	✓	✓	✓	✓	✓
F061BH		RPGACC77H/ TMDF11H		✓	✓	✓	✓	✓
F061CH	CAN RAM test register 78 / CAN transmit buffer register 1DL	RPGACC78L/ TMDF21L	RPGACC78/ TMDF21	✓	✓	✓	✓	✓
F061DH		RPGACC78H/ TMDF21H		✓	✓	✓	✓	✓
F061EH	CAN RAM test register 79 / CAN transmit buffer register 1DH	RPGACC79L/ TMDF31L	RPGACC79/ TMDF31	✓	✓	✓	✓	✓
F061FH		RPGACC79H/ TMDF31H		✓	✓	✓	✓	✓
F0620H	CAN RAM test register 80 / CAN transmit buffer register 2AL	RPGACC80L/ TMIDL2L	RPGACC80/ TMIDL2	✓	✓	✓	✓	✓
F0621H		RPGACC80H/ TMIDL2H		✓	✓	✓	✓	✓
F0622H	CAN RAM test register 81 / CAN transmit buffer register 2AH	RPGACC81L/ TMIDH2L	RPGACC81/ TMIDH2	✓	✓	✓	✓	✓
F0623H		RPGACC81H/ TMIDH2H		✓	✓	✓	✓	✓
F0624H	CAN RAM test register 82	RPGACC82L	RPGACC82	✓	✓	✓	✓	✓
F0625H		RPGACC82H		✓	✓	✓	✓	✓
F0626H	CAN RAM test register 83 / CAN transmit buffer register 2BH	RPGACC83L/ TMPTR2L	RPGACC83/ TMPTR2	✓	✓	✓	✓	✓
F0627H		RPGACC83H/ TMPTR2H		✓	✓	✓	✓	✓
F0628H	CAN RAM test register 84 / CAN transmit buffer register 2CL	RPGACC84L/ TMDF02L	RPGACC84/ TMDF02	✓	✓	✓	✓	✓
F0629H		RPGACC84H/ TMDF02H		✓	✓	✓	✓	✓
F062AH	CAN RAM test register 85 / CAN transmit buffer register 2CH	RPGACC85L/ TMDF12L	RPGACC85/ TMDF12	✓	✓	✓	✓	✓
F062BH		RPGACC85H/ TMDF12H		✓	✓	✓	✓	✓
F062CH	CAN RAM test register 86 / CAN transmit buffer register 2DL	RPGACC86L/ TMDF22L	RPGACC86/ TMDF22	✓	✓	✓	✓	✓
F062DH		RPGACC86H/ TMDF22H		✓	✓	✓	✓	✓
F062EH	CAN RAM test register 87 / CAN transmit buffer register 2DH	RPGACC87L/ TMDF32L	RPGACC87/ TMDF32	✓	✓	✓	✓	✓
F062FH		RPGACC87H/ TMDF32H		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2ⁿᵈ SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (25/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0630H	CAN RAM test register 88 / CAN transmit buffer register 3AL	RPGACC88L/ TMIDL3L	RPGACC88/ TMIDL3	✓	✓	✓	✓	✓
F0631H		RPGACC88H/ TMIDL3H		✓	✓	✓	✓	✓
F0632H	CAN RAM test register 89 / CAN transmit buffer register 3AH	RPGACC89L/ TMIDH3L	RPGACC89/ TMIDH3	✓	✓	✓	✓	✓
F0633H		RPGACC89H/ TMIDH3H		✓	✓	✓	✓	✓
F0634H	CAN RAM test register 90	RPGACC90L	RPGACC90	✓	✓	✓	✓	✓
F0635H		RPGACC90H		✓	✓	✓	✓	✓
F0636H	CAN RAM test register 91 / CAN transmit buffer register 3BH	RPGACC91L/ TMPTR3L	RPGACC91/ TMPTR3	✓	✓	✓	✓	✓
F0637H		RPGACC91H/ TMPTR3H		✓	✓	✓	✓	✓
F0638H	CAN RAM test register 92 / CAN transmit buffer register 3CL	RPGACC92L/ TMDF03L	RPGACC92/ TMDF03	✓	✓	✓	✓	✓
F0639H		RPGACC92H/ TMDF03H		✓	✓	✓	✓	✓
F063AH	CAN RAM test register 93 / CAN transmit buffer register 3CH	RPGACC93L/ TMDF13L	RPGACC93/ TMDF13	✓	✓	✓	✓	✓
F063BH		RPGACC93H/ TMDF13H		✓	✓	✓	✓	✓
F063CH	CAN RAM test register 94 / CAN transmit buffer register 3DL	RPGACC94L/ TMDF23L	RPGACC94/ TMDF23	✓	✓	✓	✓	✓
F063DH		RPGACC94H/ TMDF23H		✓	✓	✓	✓	✓
F063EH	CAN RAM test register 95 / CAN transmit buffer register 3DH	RPGACC95L/ TMDF33L	RPGACC95/ TMDF33	✓	✓	✓	✓	✓
F063FH		RPGACC95H/ TMDF33H		✓	✓	✓	✓	✓
F0640H	CAN RAM test register 96	RPGACC96L	RPGACC96	✓	✓	✓	✓	✓
F0641H		RPGACC96H		✓	✓	✓	✓	✓
F0642H	CAN RAM test register 97	RPGACC97L	RPGACC97	✓	✓	✓	✓	✓
F0643H		RPGACC97H		✓	✓	✓	✓	✓
F0644H	CAN RAM test register 98	RPGACC98L	RPGACC98	✓	✓	✓	✓	✓
F0645H		RPGACC98H		✓	✓	✓	✓	✓
F0646H	CAN RAM test register 99	RPGACC99L	RPGACC99	✓	✓	✓	✓	✓
F0647H		RPGACC99H		✓	✓	✓	✓	✓
F0648H	CAN RAM test register 100	RPGACC100L	RPGACC100	✓	✓	✓	✓	✓
F0649H		RPGACC100H		✓	✓	✓	✓	✓
F064AH	CAN RAM test register 101	RPGACC101L	RPGACC101	✓	✓	✓	✓	✓
F064BH		RPGACC101H		✓	✓	✓	✓	✓
F064CH	CAN RAM test register 102	RPGACC102L	RPGACC102	✓	✓	✓	✓	✓
F064DH		RPGACC102H		✓	✓	✓	✓	✓
F064EH	CAN RAM test register 103	RPGACC103L	RPGACC103	✓	✓	✓	✓	✓
F064FH		RPGACC103H		✓	✓	✓	✓	✓
F0650H	CAN RAM test register 104	RPGACC104L	RPGACC104	✓	✓	✓	✓	✓
F0651H		RPGACC104H		✓	✓	✓	✓	✓
F0652H	CAN RAM test register 105	RPGACC105L	RPGACC105	✓	✓	✓	✓	✓
F0653H		RPGACC105H		✓	✓	✓	✓	✓

Table 2-3 List of extended SFRs (2ⁿᵈ SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (26/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0654H	CAN RAM test register 106	RPGACC106L	RPGACC106	✓	✓	✓	✓	✓
F0655H		RPGACC106H		✓	✓	✓	✓	✓
F0656H	CAN RAM test register 107	RPGACC107L	RPGACC107	✓	✓	✓	✓	✓
F0657H		RPGACC107H		✓	✓	✓	✓	✓
F0658H	CAN RAM test register 108	RPGACC108L	RPGACC108	✓	✓	✓	✓	✓
F0659H		RPGACC108H		✓	✓	✓	✓	✓
F065AH	CAN RAM test register 109	RPGACC109L	RPGACC109	✓	✓	✓	✓	✓
F065BH		RPGACC109H		✓	✓	✓	✓	✓
F065CH	CAN RAM test register 110	RPGACC110L	RPGACC110	✓	✓	✓	✓	✓
F065DH		RPGACC110H		✓	✓	✓	✓	✓
F065EH	CAN RAM test register 111	RPGACC111L	RPGACC111	✓	✓	✓	✓	✓
F065FH		RPGACC111H		✓	✓	✓	✓	✓
F0660H	CAN RAM test register 112	RPGACC112L	RPGACC112	✓	✓	✓	✓	✓
F0661H		RPGACC112H		✓	✓	✓	✓	✓
F0662H	CAN RAM test register 113	RPGACC113L	RPGACC113	✓	✓	✓	✓	✓
F0663H		RPGACC113H		✓	✓	✓	✓	✓
F0664H	CAN RAM test register 114	RPGACC114L	RPGACC114	✓	✓	✓	✓	✓
F0665H		RPGACC114H		✓	✓	✓	✓	✓
F0666H	CAN RAM test register 115	RPGACC115L	RPGACC115	✓	✓	✓	✓	✓
F0667H		RPGACC115H		✓	✓	✓	✓	✓
F0668H	CAN RAM test register 116	RPGACC116L	RPGACC116	✓	✓	✓	✓	✓
F0669H		RPGACC116H		✓	✓	✓	✓	✓
F066AH	CAN RAM test register 117	RPGACC117L	RPGACC117	✓	✓	✓	✓	✓
F066BH		RPGACC117H		✓	✓	✓	✓	✓
F066CH	CAN RAM test register 118	RPGACC118L	RPGACC118	✓	✓	✓	✓	✓
F066DH		RPGACC118H		✓	✓	✓	✓	✓
F066EH	CAN RAM test register 119	RPGACC119L	RPGACC119	✓	✓	✓	✓	✓
F066FH		RPGACC119H		✓	✓	✓	✓	✓
F0670H	CAN RAM test register 120	RPGACC120L	RPGACC120	✓	✓	✓	✓	✓
F0671H		RPGACC120H		✓	✓	✓	✓	✓
F0672H	CAN RAM test register 121	RPGACC121L	RPGACC121	✓	✓	✓	✓	✓
F0673H		RPGACC121H		✓	✓	✓	✓	✓
F0674H	CAN RAM test register 122	RPGACC122L	RPGACC122	✓	✓	✓	✓	✓
F0675H		RPGACC122H		✓	✓	✓	✓	✓
F0676H	CAN RAM test register 123	RPGACC123L	RPGACC123	✓	✓	✓	✓	✓
F0677H		RPGACC123H		✓	✓	✓	✓	✓
F0678H	CAN RAM test register 124	RPGACC124L	RPGACC124	✓	✓	✓	✓	✓
F0679H		RPGACC124H		✓	✓	✓	✓	✓
F067AH	CAN RAM test register 125	RPGACC125L	RPGACC125	✓	✓	✓	✓	✓
F067BH		RPGACC125H		✓	✓	✓	✓	✓
F067CH	CAN RAM test register 126	RPGACC126L	RPGACC126	✓	✓	✓	✓	✓
F067DH		RPGACC126H		✓	✓	✓	✓	✓
F067EH	CAN RAM test register 127	RPGACC127L	RPGACC127	✓	✓	✓	✓	✓
F067FH		RPGACC127H		✓	✓	✓	✓	✓
F0680H	CAN0 transmit history buffer access register	THLACC0L	THLACC0	✓	✓	✓	✓	✓
F0681H		THLACC0H		✓	✓	✓	✓	✓
F06C1H	LIN wakeup baud rate select register	LWBR0						
		LWBR1						
F06C2H	LIN/UART baud rate prescaler 0 register	LBRP00	LBRP0/	✓	✓	✓	✓	✓
		LBRP10	LBRP1					

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (27/28)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F06C3H	LIN/UART baud rate prescaler 1 register	LBRP01		✓	✓	✓	✓	✓
		LBRP11						
F06C4H	LIN self-test control register	LSTC0		✓	✓	✓	✓	✓
		LSTC1						
F06C5H	UART standby control register	LUSC0		✓	✓	✓	✓	✓
		LUSC1						
F06C8H	LIN/UART mode register	LMD0		✓	✓	✓	✓	✓
		LMD1						
F06C9H	LIN break field configuration register / UART configuration register	LBFC0		✓	✓	✓	✓	✓
		LBFC1						
F06CAH	LIN/UART space configuration register	LSC0		✓	✓	✓	✓	✓
		LSC1						
F06CBH	LIN wakeup configuration register	LWUP0		✓	✓	✓	✓	✓
		LWUP1						
F06CCH	LIN interrupt enable register	LIE0		✓	✓	✓	✓	✓
		LIE1						
F06CDH	LIN/UART error detection enable register	LEDE0		✓	✓	✓	✓	✓
		LEDE1						
F06CEH	LIN/UART control register	LCUC0		✓	✓	✓	✓	✓
		LCUC1						
F06D0H	LIN/UART transmit control register	LTRC0		✓	✓	✓	✓	✓
		LTRC1						
F06D1H	LIN/UART mode status register	LMST0		✓	✓	✓	✓	✓
		LMST1						
F06D2H	LIN/UART status register	LST0		✓	✓	✓	✓	✓
		LST1						
F06D3H	LIN/UART error status register	LEST0		✓	✓	✓	✓	✓
		LEST1						
F06D4H	LIN/UART data field configuration register	LDFC0		✓	✓	✓	✓	✓
		LDFC1						
F06D5H	LIN/UART ID buffer register	LIDB0		✓	✓	✓	✓	✓
		LIDB1						
F06D6H	LIN checksum buffer register	LCBR0		✓	✓	✓	✓	✓
		LCBR1						
F06D7H	UART data buffer 0 register	LUDB00		✓	✓	✓	✓	✓
		LUDB10						
F06D8H	LIN/UART data buffer 1 register	LDB01		✓	✓	✓	✓	✓
		LDB11						
F06D9H	LIN/UART data buffer 2 register	LDB02		✓	✓	✓	✓	✓
		LDB12						
F06DAH	LIN/UART data buffer 3 register	LDB03		✓	✓	✓	✓	✓
		LDB13						
F06DBH	LIN/UART data buffer 4 register	LDB04		✓	✓	✓	✓	✓
		LDB14						
F06DCH	LIN/UART data buffer 5 register	LDB05		✓	✓	✓	✓	✓
		LDB15						
F06DDH	LIN/UART data buffer 6 register	LDB06		✓	✓	✓	✓	✓
		LDB16						

Table 2-3 List of extended SFRs (2nd SFR) of Group C of RL78/F13 (CAN and LIN incorporated) (28/28)

Address	Special function register (SFR) name	Symbol		80-pin	64-pin	48-pin	32-pin	30-pin
				Pin count				
F06DEH	LIN/UART data buffer 7 register	LDB07		✓	✓	✓	✓	✓
		LDB17						
F06DFH	LIN/UART data buffer 8 register	LDB08		✓	✓	✓	✓	✓
		LDB18						
F06E0H	UART operation enable register	LUOER0		✓	✓	✓	✓	✓
		LUOER1						
F06E1H	UART option register 1	LUOR01		✓	✓	✓	✓	✓
		LUOR11						
F06E4H	UART transmission data register	LUTDR0L	LUTDR0/	✓	✓	✓	✓	✓
		LUTDR1L	LUTDR1					
F06E5H		LUTDR0H		✓	✓	✓	✓	✓
		LUTDR1H						
F06E6H	UART receive data register	LURDR0L	LURDR0/	✓	✓	✓	✓	✓
		LURDR1L	LURDR1					
F06E7H		LURDR0H		✓	✓	✓	✓	✓
		LURDR1H						
F06E8H	UART wait transmit data register	LUWTDR0L	LUWTDR0/	✓	✓	✓	✓	✓
		LUWTDR1L	LUWTDR1					
F06E9H		LUWTDR0H		✓	✓	✓	✓	✓
		LUWTDR1H						
F06F0H	Timer RJ counter register 0	TRJ0		✓	✓	✓	✓	✓
F06F1H								
F0780H	Event output destination select register 00	ELSELR00						
F0781H	Event output destination select register 01	ELSELR01						
F0782H	Event output destination select register 02	ELSELR02						
F0783H	Event output destination select register 03	ELSELR03						
F0784H	Event output destination select register 04	ELSELR04						
F0785H	Event output destination select register 05	ELSELR05						
F0786H	Event output destination select register 06	ELSELR06						
F0787H	Event output destination select register 07	ELSELR07						
F0788H	Event output destination select register 08	ELSELR08						
F0789H	Event output destination select register 09	ELSELR09						
	A/D converter trigger select register 0	ADTRGS0		✓	✓	✓	✓	✓
F078AH	Event output destination select register 10	ELSELR10						
F078BH	Event output destination select register 11	ELSELR11						
F078CH	Event output destination select register 12	ELSELR12						
F078DH	Event output destination select register 13	ELSELR13						
	A/D converter trigger select register 1	ADTRGS1		✓	✓	✓	✓	✓
F078EH	Event output destination select register 14	ELSELR14						
F078FH	Event output destination select register 15	ELSELR15						
F0790H	Event output destination select register 16	ELSELR16						
F0791H	Event output destination select register 17	ELSELR17						
F0792H	Event output destination select register 18	ELSELR18						
F0793H	Event output destination select register 19	ELSELR19						
F0794H	Event output destination select register 20	ELSELR20						
F0795H	Event output destination select register 21	ELSELR21						
F0796H	Event output destination select register 22	ELSELR22						
F0797H	Event output destination select register 23	ELSELR23						
F0798H	Event output destination select register 24	ELSELR24						
F0799H	Event output destination select register 25	ELSELR25						

RENESAS

3.   Special Function Registers of RL78/F14

The RL78/F14 products are classified into the following two groups:
Group D: RL/F14 products with 30, 32, 48, 64, or 80 pins and 48 Kbytes to 96 Kbytes of code flash memory
Group E: RL/F14 products with 48, 64, or 80 pins and 128 Kbytes to 256 Kbytes of code flash memory, or
       RL/F14 products with 100 pins and 64 Kbytes to 256 Kbytes of code flash memory

3.1   SFRs for Group D products of RL78/F14

Table 3.1 lists the Group D products of RL78/F14.

Table 3.1 Group D products of RL78/F14

Code Flash	Data Flash	RAM	Pin count					
			100-pin	80-pin	64-pin	48-pin	32-pin	30-pin
48KB	4KB	4KB	-	-	-	R5F10PGD	R5F10PBD	R5F10PAD
64KB		6KB	R5F10PPE	R5F10PME	R5F10PLE	R5F10PGE	R5F10PBE	R5F10PAE
96KB		8KB	R5F10PPF	R5F10PMF	R5F10PLF	R5F10PGF	-	-
128KB	8KB	10KB	R5F10PPG	R5F10PMG	R5F10PLG	R5F10PGG	-	-
192KB		16KB	R5F10PPH	R5F10PMH	R5F10PLH	R5F10PGH	-	-
256KB		20KB	R5F10PPJ	R5F10PMJ	R5F10PLJ	R5F10PGJ	-	-

The following **Table 3.2** and **Table 3.3** list the special function registers (SFRs) and the extended SFRs of Group D products of RL78/F14.

Table 3.2 List of SFRs of Group D of RL78/F14 (1/4)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
FFF00H	Port register 0	P0		✓	✓	✓		
FFF01H	Port register 1	P1		✓	✓	✓	✓	✓
FFF03H	Port register 3	P3		✓	✓	✓	✓	✓
FFF04H	Port register 4	P4		✓	✓	✓	✓	✓
FFF05H	Port register 5	P5		✓	✓			
FFF06H	Port register 6	P6		✓	✓	✓	✓	
FFF07H	Port register 7	P7		✓	✓	✓		
FFF08H	Port register 8	P8		✓	✓	✓	✓	✓
FFF09H	Port register 9	P9		✓	✓	✓		
FFF0AH	Port register 10	P10						
FFF0CH	Port register 12	P12		✓	✓	✓	✓	✓
FFF0DH	Port register 13	P13		✓	✓	✓	✓	✓
FFF0EH	Port register 14	P14		✓	✓	✓		
FFF0FH	Port register 15	P15						
FFF10H	Serial data register 00	SDR00L	SDR00	✓	✓	✓	✓	✓
FFF11H		-		✓	✓	✓	✓	✓
FFF12H	Serial data register 01	SDR01L	SDR01	✓	✓	✓	✓	✓
FFF13H		-		✓	✓	✓	✓	✓
FFF18H	Timer data register 00	TDR00		✓	✓	✓	✓	✓
FFF19H								
FFF1AH	Timer data register 01	TDR01L	TDR01	✓	✓	✓	✓	✓
FFF1BH		TDR01H		✓	✓	✓	✓	✓
FFF1EH	10-bit A/D conversion result register	-	ADCR	✓	✓	✓	✓	✓
FFF1FH	8-bit A/D conversion result register	ADCRH		✓	✓	✓	✓	✓
FFF20H	Port mode register 0	PM0		✓	✓	✓		
FFF21H	Port mode register 1	PM1		✓	✓	✓	✓	✓
FFF23H	Port mode register 3	PM3		✓	✓	✓	✓	✓
FFF24H	Port mode register 4	PM4		✓	✓	✓	✓	✓
FFF25H	Port mode register 5	PM5		✓	✓			
FFF26H	Port mode register 6	PM6		✓	✓	✓	✓	
FFF27H	Port mode register 7	PM7		✓	✓	✓		
FFF28H	Port mode register 8	PM8		✓	✓	✓	✓	✓
FFF29H	Port mode register 9	PM9		✓	✓	✓		
FFF2AH	Port mode register 10	PM10						
FFF2CH	Port mode register 12	PM12		✓	✓	✓	✓	✓
FFF2EH	Port mode register 14	PM14		✓	✓	✓		
FFF2FH	Port mode register 15	PM15						
FFF30H	A/D converter mode register 0	ADM0		✓	✓	✓	✓	✓
FFF31H	Analog input channel specification register	ADS		✓	✓	✓	✓	✓
FFF32H	A/D converter mode register 1	ADM1		✓	✓	✓	✓	✓
FFF34H	D/A conversion value setting register 0	DACS0		✓	✓	✓	✓	✓
FFF36H	D/A converter mode register	DAM		✓	✓	✓	✓	✓
FFF37H	Key return mode register	KRM		✓	✓	✓	✓	✓
FFF38H	External interrupt rising edge enable register 0	EGP0		✓	✓	✓	✓	✓
FFF39H	External interrupt falling edge enable register 0	EGN0		✓	✓	✓	✓	✓
FFF3AH	External interrupt rising edge enable register 1	EGP1		✓	✓	✓	✓	✓

Table 3-2 List of SFRs of Group D of RL78/F14 (2/4)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
FFF3BH	External interrupt falling edge enable register 1	EGN1		✓	✓	✓	✓	✓
FFF48H	Serial data register 10	SDR10L	SDR10	✓	✓	✓	✓	✓
FFF49H		-		✓	✓	✓	✓	✓
FFF4AH	Serial data register 11	SDR11L	SDR11	✓	✓	✓	✓	✓
FFF4BH		-		✓	✓	✓	✓	✓
FFF50H	IICA shift register 0	IICA0		✓	✓	✓	✓	
FFF51H	IICA status register 0	IICS0		✓	✓	✓	✓	
FFF52H	IICA flag register 0	IICF0		✓	✓	✓	✓	
FFF54H	16-bit watch error correction register	SUBCUDW		✓	✓	✓	✓	✓
FFF55H								
FFF58H	Timer RD general register C0	TRDGRC0		✓	✓	✓	✓	✓
FFF59H								
FFF5AH	Timer RD general register D0	TRDGRD0		✓	✓	✓	✓	✓
FFF5BH								
FFF5CH	Timer RD general register C1	TRDGRC1		✓	✓	✓	✓	✓
FFF5DH								
FFF5EH	Timer RD general register D1	TRDGRD1		✓	✓	✓	✓	✓
FFF5FH								
FFF64H	Timer data register 02	TDR02		✓	✓	✓	✓	✓
FFF65H								
FFF66H	Timer data register 03	TDR03L	TDR03	✓	✓	✓	✓	✓
FFF67H		TDR03H		✓	✓	✓	✓	✓
FFF68H	Timer data register 04	TDR04		✓	✓	✓	✓	✓
FFF69H								
FFF6AH	Timer data register 05	TDR05		✓	✓	✓	✓	✓
FFF6BH								
FFF6CH	Timer data register 06	TDR06		✓	✓	✓	✓	✓
FFF6DH								
FFF6EH	Timer data register 07	TDR07		✓	✓	✓	✓	✓
FFF6FH								
FFF70H	Timer data register 10	TDR10		✓	✓	✓	✓	✓
FFF71H								
FFF72H	Timer data register 11	TDR11L	TDR11	✓	✓	✓	✓	✓
FFF73H		TDR11H		✓	✓	✓	✓	✓
FFF74H	Timer data register 12	TDR12		✓	✓	✓	✓	✓
FFF75H								
FFF76H	Timer data register 13	TDR13L	TDR13	✓	✓	✓	✓	✓
FFF77H		TDR13H		✓	✓	✓	✓	✓
FFF78H	Timer data register 14	TDR14						
FFF79H								
FFF7AH	Timer data register 15	TDR15						
FFF7BH								
FFF7CH	Timer data register 16	TDR16						
FFF7DH								
FFF7EH	Timer data register 17	TDR17						
FFF7FH								
FFF92H	Second count register	SEC		✓	✓	✓	✓	✓
FFF93H	Minute count register	MIN		✓	✓	✓	✓	✓
FFF94H	Hour count register	HOUR		✓	✓	✓	✓	✓

Table 3-2 List of SFRs of Group D of RL78/F14 (3/4)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
FFF95H	Week count register	WEEK		✓	✓	✓	✓	✓
FFF96H	Day count register	DAY		✓	✓	✓	✓	✓
FFF97H	Month count register	MONTH		✓	✓	✓	✓	✓
FFF98H	Year count register	YEAR		✓	✓	✓	✓	✓
FFF99H	Watch error correction register	SUBCUD		✓	✓	✓	✓	✓
FFF9AH	Alarm minute register	ALARMWM		✓	✓	✓	✓	✓
FFF9BH	Alarm hour register	ALARMWH		✓	✓	✓	✓	✓
FFF9CH	Alarm week register	ALARMWW		✓	✓	✓	✓	✓
FFF9DH	Real-time clock control register 0	RTCC0		✓	✓	✓	✓	✓
FFF9EH	Real-time clock control register 1	RTCC1		✓	✓	✓	✓	✓
FFFA0H	Clock operation mode control register	CMC		✓	✓	✓	✓	✓
FFFA1H	Clock operation status control register	CSC		✓	✓	✓	✓	✓
FFFA2H	Oscillation stabilization time counter status register	OSTC		✓	✓	✓	✓	✓
FFFA3H	Oscillation stabilization time select register	OSTS		✓	✓	✓	✓	✓
FFFA4H	System clock control register	CKC		✓	✓	✓	✓	✓
FFFA5H	Clock output select register 0	CKS0		✓	✓	✓		
FFFA8H	Reset control flag register	RESF		✓	✓	✓	✓	✓
FFFA9H	Voltage detection register	LVIM		✓	✓	✓	✓	✓
FFFAAH	Voltage detection level register	LVIS		✓	✓	✓	✓	✓
FFFABH	Watchdog timer enable register	WDTE		✓	✓	✓	✓	✓
FFFACH	CRC input register	CRCIN		✓	✓	✓	✓	✓
FFFD0H	Interrupt request flag register 2L	IF2L	IF2	✓	✓	✓	✓	✓
FFFD1H	Interrupt request flag register 2H	IF2H		✓	✓	✓	✓	✓
FFFD2H	Interrupt request flag register 3L	IF3L						
FFFD4H	Interrupt mask flag register 2L	MK2L	MK2	✓	✓	✓	✓	✓
FFFD5H	Interrupt mask flag register 2H	MK2H		✓	✓	✓	✓	✓
FFFD6H	Interrupt mask flag register 3L	MK3L						
FFFD8H	Priority specification flag register 02L	PR02L	PR02	✓	✓	✓	✓	✓
FFFD9H	Priority specification flag register 02H	PR02H		✓	✓	✓	✓	✓
FFFDAH	Priority specification flag register 03L	PR03L						
FFFDCH	Priority specification flag register 12L	PR12L	PR12	✓	✓	✓	✓	✓
FFFDDH	Priority specification flag register 12H	PR12H		✓	✓	✓	✓	✓
FFFDEH	Priority specification flag register 13L	PR13L						
FFFE0H	Interrupt request flag register 0L	IF0L	IF0	✓	✓	✓	✓	✓
FFFE1H	Interrupt request flag register 0H	IF0H		✓	✓	✓	✓	✓
FFFE2H	Interrupt request flag register 1L	IF1L	IF1	✓	✓	✓	✓	✓
FFFE3H	Interrupt request flag register 1H	IF1H		✓	✓	✓	✓	✓
FFFE4H	Interrupt mask flag register 0L	MK0L	MK0	✓	✓	✓	✓	✓
FFFE5H	Interrupt mask flag register 0H	MK0H		✓	✓	✓	✓	✓
FFFE6H	Interrupt mask flag register 1L	MK1L	MK1	✓	✓	✓	✓	✓
FFFE7H	Interrupt mask flag register 1H	MK1H		✓	✓	✓	✓	✓
FFFE8H	Priority specification flag register 00L	PR00L	PR00	✓	✓	✓	✓	✓
FFFE9H	Priority specification flag register 00H	PR00H		✓	✓	✓	✓	✓
FFFEAH	Priority specification flag register 01L	PR01L	PR01	✓	✓	✓	✓	✓
FFFEBH	Priority specification flag register 01H	PR01H		✓	✓	✓	✓	✓
FFFECH	Priority specification flag register 10L	PR10L	PR10	✓	✓	✓	✓	✓
FFFEDH	Priority specification flag register 10H	PR10H		✓	✓	✓	✓	✓

RENESAS

Table 3-2 List of SFRs of Group D of RL78/F14 (4/4)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
FFFEEH	Priority specification flag register 11L	PR11L	PR11	✓	✓	✓	✓	✓
FFFEFH	Priority specification flag register 11H	PR11H		✓	✓	✓	✓	✓
FFFF0H	Multiply and accumulation register (L)	MACRL		✓	✓	✓	✓	✓
FFFF1H								
FFFF2H	Multiply and accumulation register (H)	MACRH		✓	✓	✓	✓	✓
FFFF3H								
FFFFEH	Processor mode control register	PMC		✓	✓	✓	✓	✓

Table 3.3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (1/29)

Address	Special function register (SFR) name	Symbol	Pin count				
			80-pin	64-pin	48-pin	32-pin	30-pin
F0010H	A/D converter mode register 2	ADM2	✓	✓	✓	✓	✓
F0011H	Conversion result comparison upper limit setting register	ADUL	✓	✓	✓	✓	✓
F0012H	Conversion result comparison lower limit setting register	ADLL	✓	✓	✓	✓	✓
F0013H	A/D test register	ADTES	✓	✓	✓	✓	✓
F0016H	Peripheral I/O redirection register 0	PIOR0	✓	✓	✓		
F0017H	Peripheral I/O redirection register 1	PIOR1	✓	✓	✓		
F0018H	Peripheral I/O redirection register 2	PIOR2	✓				
F0019H	Peripheral I/O redirection register 3	PIOR3	✓				
F001AH	Peripheral I/O redirection register 4	PIOR4	✓	✓	✓	✓	
F001BH	Peripheral I/O redirection register 5	PIOR5	✓	✓	✓	✓	✓
F001CH	Peripheral I/O redirection register 6	PIOR6	✓				
F001DH	Peripheral I/O redirection register 7	PIOR7	✓	✓	✓	✓	✓
F001EH	Peripheral I/O redirection register 8	PIOR8					
F0021H	Port input threshold control register 1	PITHL1	✓	✓	✓	✓	✓
F0023H	Port input threshold control register 3	PITHL3	✓	✓	✓	✓	✓
F0024H	Port input threshold control register 4	PITHL4	✓	✓			
F0025H	Port input threshold control register 5	PITHL5	✓	✓			
F0026H	Port input threshold control register 6	PITHL6	✓	✓	✓	✓	
F0027H	Port input threshold control register 7	PITHL7	✓	✓	✓		
F002AH	Port input threshold control register 10	PITHL10					
F002CH	Port input threshold control register 12	PITHL12	✓	✓	✓	✓	✓
F002FH	Port input threshold control register 15	PITHL15					
F0030H	Pull-up resistor option register 0	PU0	✓	✓	✓		
F0031H	Pull-up resistor option register 1	PU1	✓	✓	✓	✓	✓
F0033H	Pull-up resistor option register 3	PU3	✓	✓	✓	✓	✓
F0034H	Pull-up resistor option register 4	PU4	✓	✓	✓	✓	✓
F0035H	Pull-up resistor option register 5	PU5	✓	✓			
F0036H	Pull-up resistor option register 6	PU6	✓	✓	✓	✓	
F0037H	Pull-up resistor option register 7	PU7	✓	✓	✓		
F0039H	Pull-up resistor option register 9	PU9	✓	✓			
F003AH	Pull-up resistor option register 10	PU10					
F003CH	Pull-up resistor option register 12	PU12	✓	✓	✓	✓	✓
F003EH	Pull-up resistor option register 14	PU14	✓	✓	✓		
F003FH	Pull-up resistor option register 15	PU15					
F0041H	Port input mode register 1	PIM1	✓	✓	✓	✓	✓
F0043H	Port input mode register 3	PIM3	✓	✓	✓	✓	✓
F0045H	Port input mode register 5	PIM5	✓				
F0046H	Port input mode register 6	PIM6	✓	✓	✓	✓	
F0047H	Port input mode register 7	PIM7	✓	✓	✓		
F004CH	Port input mode register 12	PIM12	✓	✓	✓	✓	✓
F0051H	Port output mode register 1	POM1	✓	✓	✓	✓	✓
F0056H	Port output mode register 6	POM6	✓	✓	✓	✓	
F0057H	Port output mode register 7	POM7	✓	✓	✓		
F005CH	Port output mode register 12	POM12	✓	✓	✓	✓	✓
F0067H	Port mode control register 7	PMC7					
F0069H	Port mode control register 9	PMC9	✓	✓			
F006CH	Port mode control register 12	PMC12	✓	✓	✓	✓	✓
F0070H	Noise filter enable register 0	NFEN0	✓	✓	✓	✓	✓
F0071H	Noise filter enable register 1	NFEN1	✓	✓	✓	✓	✓

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (2/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0072H	Noise filter enable register 2	NFEN2		✓	✓	✓	✓	✓
F0073H	Input switch control register	ISC		✓	✓	✓	✓	✓
F0074H	Timer input select register 0	TIS0		✓	✓	✓	✓	✓
F0075H	Timer input select register 1	TIS1		✓	✓	✓	✓	✓
F0076H	A/D port configuration register	ADPC		✓	✓	✓	✓	✓
F0077H	Port mode select register	PMS		✓	✓	✓	✓	✓
F0078H	Invalid memory access detection control register	IAWCTL		✓	✓	✓	✓	✓
F0079H	Interrupt source determination flag register 0	INTFLG0		✓	✓	✓	✓	✓
F007AH	Timer input select register 2	TIS2						
F007BH	LIN channel select register	LCHSEL		✓	✓	✓	✓	✓
F007CH	Interrupt mask register	INTMSK		✓	✓	✓	✓	✓
F0090H	Data flash control register	DFLCTL		✓	✓	✓	✓	✓
F00A0H	High-speed on-chip oscillator trimming register	HIOTRM		✓	✓	✓	✓	✓
F00A8H	High-speed on-chip oscillator frequency select register	HOCODIV		✓	✓	✓	✓	✓
F00D8H	SPM control register	SPMCTRL		✓	✓	✓	✓	✓
F00DAH	SP overflow address setting register	SPOFR		✓	✓	✓	✓	✓
F00DBH								
F00DCH	SP underflow address setting register	SPUFR		✓	✓	✓	✓	✓
F00DDH								
F00F0H	Peripheral enable register 0	PER0		✓	✓	✓	✓	✓
F00F3H	Operation speed mode control register	OSMC		✓	✓	✓	✓	✓
F00FEH	BCD correction result register	BCDADJ		✓	✓	✓	✓	✓
F0100H	Serial status register 00	SSR00L	SSR00	✓	✓	✓	✓	✓
F0101H		-		✓	✓	✓	✓	✓
F0102H	Serial status register 01	SSR01L	SSR01	✓	✓	✓	✓	✓
F0103H		-		✓	✓	✓	✓	✓
F0104H	Serial flag clear trigger register 00	SIR00L	SIR00	✓	✓	✓	✓	✓
F0105H		-		✓	✓	✓	✓	✓
F0106H	Serial flag clear trigger register 01	SIR01L	SIR01	✓	✓	✓	✓	✓
F0107H		-		✓	✓	✓	✓	✓
F0108H	Serial mode register 00	SMR00		✓	✓	✓	✓	✓
F0109H								
F010AH	Serial mode register 01	SMR01		✓	✓	✓	✓	✓
F010BH								
F010CH	Serial communication operation setting register 00	SCR00		✓	✓	✓	✓	✓
F010DH								
F010EH	Serial communication operation setting register 01	SCR01		✓	✓	✓	✓	✓
F010FH								
F0110H	Serial channel enable status register 0	SE0L	SE0	✓	✓	✓	✓	✓
F0111H		-		✓	✓	✓	✓	✓
F0112H	Serial channel start register 0	SS0L	SS0	✓	✓	✓	✓	✓
F0113H		-		✓	✓	✓	✓	✓
F0114H	Serial channel stop register 0	ST0L	ST0	✓	✓	✓	✓	✓
F0115H		-		✓	✓	✓	✓	✓
F0116H	Serial clock select register 0	SPS0L	SPS0	✓	✓	✓	✓	✓
F0117H		-		✓	✓	✓	✓	✓

RENESAS

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (3/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0118H	Serial output register 0	SO0		✓	✓	✓	✓	✓
F0119H								
F011AH	Serial output enable register 0	SOE0L	SOE0	✓	✓	✓	✓	✓
F011BH		-		✓	✓	✓	✓	✓
F0120H	Serial output level register 0	SOL0L	SOL0	✓	✓	✓	✓	✓
F0121H		-		✓	✓	✓	✓	✓
F0122H	Serial slave select enable register 0	SSE0L	SSE0	✓	✓	✓	✓	✓
F0123H		-		✓	✓	✓	✓	✓
F0140H	Serial status register 10	SSR10L	SSR10	✓	✓	✓	✓	✓
F0141H		-		✓	✓	✓	✓	✓
F0142H	Serial status register 11	SSR11L	SSR11	✓	✓	✓	✓	✓
F0143H		-		✓	✓	✓	✓	✓
F0144H	Serial flag clear trigger register 10	SIR10L	SIR10	✓	✓	✓	✓	✓
F0145H		-		✓	✓	✓	✓	✓
F0146H	Serial flag clear trigger register 11	SIR11L	SIR11	✓	✓	✓	✓	✓
F0147H		-		✓	✓	✓	✓	✓
F0148H	Serial mode register 10	SMR10		✓	✓	✓	✓	✓
F0149H				✓	✓	✓	✓	✓
F014AH	Serial mode register 11	SMR11		✓	✓	✓	✓	✓
F014BH				✓	✓	✓	✓	✓
F014CH	Serial communication operation setting register 10	SCR10		✓	✓	✓	✓	✓
F014DH				✓	✓	✓	✓	✓
F014EH	Serial communication operation setting register 11	SCR11		✓	✓	✓	✓	✓
F014FH								
F0150H	Serial channel enable status register 1	SE1L	SE1	✓	✓	✓	✓	✓
F0151H		-		✓	✓	✓	✓	✓
F0152H	Serial channel start register 1	SS1L	SS1	✓	✓	✓	✓	✓
F0153H		-		✓	✓	✓	✓	✓
F0154H	Serial channel stop register 1	ST1L	ST1	✓	✓	✓	✓	✓
F0155H		-		✓	✓	✓	✓	✓
F0156H	Serial clock select register 1	SPS1L	SPS1	✓	✓	✓	✓	✓
F0157H		-		✓	✓	✓	✓	✓
F0158H	Serial output register 1	SO1		✓	✓	✓	✓	✓
F0159H								
F015AH	Serial output enable register 1	SOE1L	SOE1	✓	✓	✓	✓	✓
F015BH		-		✓	✓	✓	✓	✓
F0160H	Serial output level register 1	SOL1L	SOL1	✓	✓	✓	✓	✓
F0161H		-		✓	✓	✓	✓	✓
F0162H	Serial slave select enable register 1	SSE1L	SSE1	✓	✓	✓	✓	✓
F0163H		-		✓	✓	✓	✓	✓
F0180H	Timer counter register 00	TCR00		✓	✓	✓	✓	✓
F0181H								
F0182H	Timer counter register 01	TCR01		✓	✓	✓	✓	✓
F0183H								
F0184H	Timer counter register 02	TCR02		✓	✓	✓	✓	✓
F0185H								
F0186H	Timer counter register 03	TCR03		✓	✓	✓	✓	✓
F0187H								
F0188H	Timer counter register 04	TCR04		✓	✓	✓	✓	✓
F0189H								

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (4/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F018AH	Timer counter register 05	TCR05		✓	✓	✓	✓	✓
F018BH								
F018CH	Timer counter register 06	TCR06		✓	✓	✓	✓	✓
F018DH								
F018EH	Timer counter register 07	TCR07		✓	✓	✓	✓	✓
F018FH								
F0190H	Timer mode register 00	TMR00		✓	✓	✓	✓	✓
F0191H								
F0192H	Timer mode register 01	TMR01		✓	✓	✓	✓	✓
F0193H								
F0194H	Timer mode register 02	TMR02		✓	✓	✓	✓	✓
F0195H								
F0196H	Timer mode register 03	TMR03		✓	✓	✓	✓	✓
F0197H								
F0198H	Timer mode register 04	TMR04		✓	✓	✓	✓	✓
F0199H								
F019AH	Timer mode register 05	TMR05		✓	✓	✓	✓	✓
F019BH								
F019CH	Timer mode register 06	TMR06		✓	✓	✓	✓	✓
F019DH								
F019EH	Timer mode register 07	TMR07		✓	✓	✓	✓	✓
F019FH								
F01A0H	Timer status register 00	TSR00L	TSR00	✓	✓	✓	✓	✓
F01A1H		-		✓	✓	✓	✓	✓
F01A2H	Timer status register 01	TSR01L	TSR01	✓	✓	✓	✓	✓
F01A3H		-		✓	✓	✓	✓	✓
F01A4H	Timer status register 02	TSR02L	TSR02	✓	✓	✓	✓	✓
F01A5H		-		✓	✓	✓	✓	✓
F01A6H	Timer status register 03	TSR03L	TSR03	✓	✓	✓	✓	✓
F01A7H		-		✓	✓	✓	✓	✓
F01A8H	Timer status register 04	TSR04L	TSR04	✓	✓	✓	✓	✓
F01A9H		-		✓	✓	✓	✓	✓
F01AAH	Timer status register 05	TSR05L	TSR05	✓	✓	✓	✓	✓
F01ABH		-		✓	✓	✓	✓	✓
F01ACH	Timer status register 06	TSR06L	TSR06	✓	✓	✓	✓	✓
F01ADH		-		✓	✓	✓	✓	✓
F01AEH	Timer status register 07	TSR07L	TSR07	✓	✓	✓	✓	✓
F01AFH		-		✓	✓	✓	✓	✓
F01B0H	Timer channel enable status register 0	TE0L	TE0	✓	✓	✓	✓	✓
F01B1H		-		✓	✓	✓	✓	✓
F01B2H	Timer channel start register 0	TS0L	TS0	✓	✓	✓	✓	✓
F01B3H		-		✓	✓	✓	✓	✓
F01B4H	Timer channel stop register 0	TT0L	TT0	✓	✓	✓	✓	✓
F01B5H		-		✓	✓	✓	✓	✓
F01B6H	Timer clock select register 0	TPS0		✓	✓	✓	✓	✓
F01B7H								
F01B8H	Timer output register 0	TO0L	TO0	✓	✓	✓	✓	✓
F01B9H		-		✓	✓	✓	✓	✓
F01BAH	Timer output enable register 0	TOE0L	TOE0	✓	✓	✓	✓	✓
F01BBH		-		✓	✓	✓	✓	✓
F01BCH	Timer output level register 0	TOL0L	TOL0	✓	✓	✓	✓	✓
F01BDH		-		✓	✓	✓	✓	✓

RENESAS

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (5/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F01BEH	Timer output mode register 0	TOM0L	TOM0	✓	✓	✓	✓	✓
F01BFH		-		✓	✓	✓	✓	✓
F01C0H	Timer counter register 10	TCR10		✓	✓	✓	✓	✓
F01C1H								
F01C2H	Timer counter register 11	TCR11		✓	✓	✓	✓	✓
F01C3H								
F01C4H	Timer counter register 12	TCR12		✓	✓	✓	✓	✓
F01C5H								
F01C6H	Timer counter register 13	TCR13		✓	✓	✓	✓	✓
F01C7H								
F01C8H	Timer counter register 14	TCR14						
F01C9H								
F01CAH	Timer counter register 15	TCR15						
F01CBH								
F01CCH	Timer counter register 16	TCR16						
F01CDH								
F01CEH	Timer counter register 17	TCR17						
F01CFH								
F01D0H	Timer mode register 10	TMR10		✓	✓	✓	✓	✓
F01D1H								
F01D2H	Timer mode register 11	TMR11		✓	✓	✓	✓	✓
F01D3H								
F01D4H	Timer mode register 12	TMR12		✓	✓	✓	✓	✓
F01D5H								
F01D6H	Timer mode register 13	TMR13		✓	✓	✓	✓	✓
F01D7H								
F01D8H	Timer mode register 14	TMR14						
F01D9H								
F01DAH	Timer mode register 15	TMR15						
F01DBH								
F01DCH	Timer mode register 16	TMR16						
F01DDH								
F01DEH	Timer mode register 17	TMR17						
F01DFH								
F01E0H	Timer status register 10	TSR10L	TSR10	✓	✓	✓	✓	✓
F01E1H		-		✓	✓	✓	✓	✓
F01E2H	Timer status register 11	TSR11L	TSR11	✓	✓	✓	✓	✓
F01E3H		-		✓	✓	✓	✓	✓
F01E4H	Timer status register 12	TSR12L	TSR12	✓	✓	✓	✓	✓
F01E5H		-		✓	✓	✓	✓	✓
F01E6H	Timer status register 13	TSR13L	TSR13	✓	✓	✓	✓	✓
F01E7H		-		✓	✓	✓	✓	✓
F01E8H	Timer status register 14	TSR14L	TSR14					
F01E9H		-						
F01EAH	Timer status register 15	TSR15L	TSR15					
F01EBH		-						
F01ECH	Timer status register 16	TSR16L	TSR16					
F01EDH		-						
F01EEH	Timer status register 17	TSR17L	TSR17					
F01EFH		-						

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (6/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F01F0H	Timer channel enable status register 1	TE1L	TE1	✓	✓	✓	✓	✓
F01F1H		-		✓	✓	✓	✓	✓
F01F2H	Timer channel start register 1	TS1L	TS1	✓	✓	✓	✓	✓
F01F3H		-		✓	✓	✓	✓	✓
F01F4H	Timer channel stop register 1	TT1L	TT1	✓	✓	✓	✓	✓
F01F5H		-		✓	✓	✓	✓	✓
F01F6H	Timer clock select register 1	TPS1		✓	✓	✓	✓	✓
F01F7H								
F01F8H	Timer output register 1	TO1L	TO1	✓	✓	✓	✓	✓
F01F9H		-		✓	✓	✓	✓	✓
F01FAH	Timer output enable register 1	TOE1L	TOE1	✓	✓	✓	✓	✓
F01FBH		-		✓	✓	✓	✓	✓
F01FCH	Timer output level register 1	TOL1L	TOL1	✓	✓	✓	✓	✓
F01FDH		-		✓	✓	✓	✓	✓
F01FEH	Timer output mode register 1	TOM1L	TOM1	✓	✓	✓	✓	✓
F01FFH		-		✓	✓	✓	✓	✓
F0200H	Error address storage register	ERADR		✓	✓	✓	✓	✓
F0201H								
F0202H	1-bit error detection interrupt enable register	ECCIER		✓	✓	✓	✓	✓
F0203H	Bit error detection register	ECCER		✓	✓	✓	✓	✓
F0204H	ECC test protection register	ECCTPR		✓	✓	✓	✓	✓
F0205H	ECC test mode register	ECCTMDR		✓	✓	✓	✓	✓
F0206H	Write data inversion register	ECCDWRVR		✓	✓	✓	✓	✓
F0207H								
F0220H	Port output slew rate select register	PSRSEL		✓	✓	✓	✓	✓
F0222H	SNOOZE status output control register 0	PSNZCNT0		✓	✓	✓	✓	✓
F0223H	SNOOZE status output control register 1	PSNZCNT1		✓	✓	✓	✓	✓
F0224H	SNOOZE status output control register 2	PSNZCNT2		✓	✓	✓		
F0225H	SNOOZE status output control register 3	PSNZCNT3		✓	✓	✓		
F0227H	D/A converter mode register 2	DAM2		✓	✓	✓	✓	✓
F0228H	PWM output delay control register 0	PWMDLY0		✓	✓	✓	✓	✓
F0229H								
F022AH	PWM output delay control register 1	PWMDLY1		✓	✓	✓	✓	✓
F022BH								
F022CH	PWM output delay control register 2	PWMDLY2		✓	✓	✓	✓	✓
F022DH								
F0230H	IICA control register 00	IICCTL00		✓	✓	✓	✓	
F0231H	IICA control register 01	IICCTL01		✓	✓	✓	✓	
F0232H	IICA low-level width setting register 0	IICWL0		✓	✓	✓	✓	
F0233H	IICA high-level width setting register 0	IICWH0		✓	✓	✓	✓	
F0234H	Slave address register 0	SVA0		✓	✓	✓	✓	
F0240H	Timer RJ control register 0	TRJCR0		✓	✓	✓	✓	✓
F0241H	Timer RJ I/O control register 0	TRJIOC0		✓	✓	✓	✓	✓
F0242H	Timer RJ mode register 0	TRJMR0		✓	✓	✓	✓	✓
F0243H	Timer RJ event pin select register 0	TRJISR0		✓	✓	✓	✓	✓
F0260H	Timer RD ELC register	TRDELC		✓	✓	✓	✓	✓
F0263H	Timer RD start register	TRDSTR		✓	✓	✓	✓	✓
F0264H	Timer RD mode register	TRDMR		✓	✓	✓	✓	✓
F0265H	Timer RD PWM function select register	TRDPMR		✓	✓	✓	✓	✓
F0266H	Timer RD function control register	TRDFCR		✓	✓	✓	✓	✓

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (7/29)

Address	Special function register (SFR) name	Symbol	Pin count				
			80-pin	64-pin	48-pin	32-pin	30-pin
F0267H	Timer RD output master enable register 1	TRDOER1	✓	✓	✓	✓	✓
F0268H	Timer RD output master enable register 2	TRDOER2	✓	✓	✓	✓	✓
F0269H	Timer RD output control register	TRDOCR	✓	✓	✓	✓	✓
F026AH	Timer RD digital filter function select register 0	TRDDF0	✓	✓	✓	✓	✓
F026BH	Timer RD digital filter function select register 1	TRDDF1	✓	✓	✓	✓	✓
F0270H	Timer RD control register0	TRDCR0	✓	✓	✓	✓	✓
F0271H	Timer RD I/O control registerA0	TRDIORA0	✓	✓	✓	✓	✓
F0272H	Timer RD I/O control registerC0	TRDIORC0	✓	✓	✓	✓	✓
F0273H	Timer RD status register 0	TRDSR0	✓	✓	✓	✓	✓
F0274H	Timer RD interrupt enable register 0	TRDIER0	✓	✓	✓	✓	✓
F0275H	Timer RD PWM function output level control register 0	TRDPOCR0	✓	✓	✓	✓	✓
F0276H	Timer RD counter 0	TRD0	✓	✓	✓	✓	✓
F0277H							
F0278H	Timer RD general register A0	TRDGRA0	✓	✓	✓	✓	✓
F0279H							
F027AH	Timer RD general register B0	TRDGRB0	✓	✓	✓	✓	✓
F027BH							
F0280H	Timer RD control register 1	TRDCR1	✓	✓	✓	✓	✓
F0281H	Timer RD I/O control register A1	TRDIORA1	✓	✓	✓	✓	✓
F0282H	Timer RD I/O control register C1	TRDIORC1	✓	✓	✓	✓	✓
F0283H	Timer RD status register 1	TRDSR1	✓	✓	✓	✓	✓
F0284H	Timer RD interrupt enable register 1	TRDIER1	✓	✓	✓	✓	✓
F0285H	Timer RD PWM function output level control register 1	TRDPOCR1	✓	✓	✓	✓	✓
F0286H	Timer RD counter 1	TRD1	✓	✓	✓	✓	✓
F0287H							
F0288H	Timer RD general register A1	TRDGRA1	✓	✓	✓	✓	✓
F0289H							
F028AH	Timer RD general register B1	TRDGRB1	✓	✓	✓	✓	✓
F028BH							
F02A0H	Comparator control register	CMPCTL	✓	✓	✓	✓	✓
F02A1H	Comparator I/O switch register	CMPSEL	✓	✓	✓	✓	✓
F02A2H	Comparator output monitor register	CMPMON	✓	✓	✓	✓	✓
F02C0H	Peripheral enable register 1	PER1	✓	✓	✓	✓	✓
F02C1H	Peripheral enable register 2	PER2	✓	✓	✓	✓	✓
F02C2H	CAN clock select register	CANCKSEL	✓	✓	✓	✓	✓
F02C3H	LIN clock select register	LINCKSEL	✓	✓	✓	✓	✓
F02C4H	Clock select register	CKSEL	✓	✓	✓	✓	✓
F02C5H	PLL control register	PLLCTL	✓	✓	✓	✓	✓
F02C6H	PLL status register	PLLSTS	✓	✓	✓	✓	✓
F02C7H	f_{MP} clock division register	MDIV	✓	✓	✓	✓	✓
F02C8H	RTC clock select register	RTCCL	✓	✓	✓	✓	✓
F02C9H	POR/CLM reset confirmation register	POCRES	✓	✓	✓	✓	✓
F02CAH	STOP status output control register	STPSTC	✓	✓	✓		
F02D0H	High-speed DTC control register 0	HDTCCR0	✓	✓	✓	✓	✓
F02D2H	High-speed DTC transfer number register 0	HDTCCT0	✓	✓	✓	✓	✓
F02D3H	High-speed DTC transfer number reload register 0	HDTRLD0	✓	✓	✓	✓	✓

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (8/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F02D4H	High-speed DTC source address register 0	HDTSAR0		✓	✓	✓	✓	✓
F02D5H								
F02D6H	High-speed DTC destination address register 0	HDTDAR0		✓	✓	✓	✓	✓
F02D7H								
F02D8H	High-speed DTC control register 1	HDTCCR1		✓	✓	✓	✓	✓
F02DAH	High-speed DTC transfer number register 1	HDTCCT1		✓	✓	✓	✓	✓
F02DBH	High-speed DTC transfer number reload register 1	HDTRLD1		✓	✓	✓	✓	✓
F02DCH	High-speed DTC source address register 1	HDTSAR1		✓	✓	✓	✓	✓
F02DDH								
F02DEH	High-speed DTC destination address register 1	HDTDAR1		✓	✓	✓	✓	✓
F02DDH								
F02E0H	DTC base address register	DTCBAR		✓	✓	✓	✓	✓
F02E1H	High-speed DTC channel select register 0	SELHS0		✓	✓	✓	✓	✓
F02E2H	High-speed DTC channel select register 1	SELHS1		✓	✓	✓	✓	✓
F02E8H	DTC activation enable register 0	DTCEN0		✓	✓	✓	✓	✓
F02E9H	DTC activation enable register 1	DTCEN1		✓	✓	✓	✓	✓
F02EAH	DTC activation enable register 2	DTCEN2		✓	✓	✓	✓	✓
F02EBH	DTC activation enable register 3	DTCEN3		✓	✓	✓	✓	✓
F02ECH	DTC activation enable register 4	DTCEN4		✓	✓	✓	✓	✓
F02EDH	DTC activation enable register 5	DTCEN5						
F02F0H	Flash memory CRC control register	CRC0CTL		✓	✓	✓	✓	✓
F02F2H	Flash memory CRC operation result register	PGCRCL		✓	✓	✓	✓	✓
F02F3H								
F02F9H	CRC operation mode control register	CRCMD		✓	✓	✓	✓	✓
F02FAH	CRC data register	CRCD		✓	✓	✓	✓	✓
F02FBH								
F0300H	CAN0 bit configuration register L	C0CFGLL	C0CFGL	✓	✓	✓	✓	✓
F0301H		C0CFGLH		✓	✓	✓	✓	✓
F0302H	CAN0 bit configuration register H	C0CFGHL	C0CFGH	✓	✓	✓	✓	✓
F0303H		C0CFGHH		✓	✓	✓	✓	✓
F0304H	CAN0 control register L	C0CTRLL	C0CTRL	✓	✓	✓	✓	✓
F0305H		C0CTRLH		✓	✓	✓	✓	✓
F0306H	CAN0 control register H	C0CTRHL	C0CTRH	✓	✓	✓	✓	✓
F0307H		C0CTRHH		✓	✓	✓	✓	✓
F0308H	CAN0 status register L	C0STSLL	C0STSL	✓	✓	✓	✓	✓
F0309H		C0STSLH		✓	✓	✓	✓	✓
F030AH	CAN0 status register H	C0STSHL	C0STSH	✓	✓	✓	✓	✓
F030BH		C0STSHH		✓	✓	✓	✓	✓
F030CH	CAN0 error flag register L	C0ERFLLL	C0ERFLL	✓	✓	✓	✓	✓
F030DH		C0ERFLLH		✓	✓	✓	✓	✓
F030EH	CAN0 error flag register H	C0ERFLHL	C0ERFLH	✓	✓	✓	✓	✓
F030FH		C0ERFLHH		✓	✓	✓	✓	✓
F0322H	CAN global configuration register L	GCFGLL	GCFGL	✓	✓	✓	✓	✓
F0323H		GCFGLH		✓	✓	✓	✓	✓
F0324H	CAN global configuration register H	GCFGHL	GCFGH	✓	✓	✓	✓	✓
F0325H		GCFGHH		✓	✓	✓	✓	✓
F0326H	CAN global control register L	GCTRLL	GCTRL	✓	✓	✓	✓	✓
F0327H		GCTRLH		✓	✓	✓	✓	✓
F0328H	CAN global control register H	GCTRHL	GCTRH	✓	✓	✓	✓	✓
F0329H		GCTRHH		✓	✓	✓	✓	✓

RENESAS

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (9/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F032AH	CAN global status register	GSTSL	GSTS	✓	✓	✓	✓	✓
F032BH		GSTSH		✓	✓	✓	✓	✓
F032CH	CAN global error flag register	GERFLL		✓	✓	✓	✓	✓
F032EH	CAN timestamp register	GTSC		✓	✓	✓	✓	✓
F032FH								
F0330H	CAN receive rule number configuration	GAFLCFGL	GAFLCFG	✓	✓	✓	✓	✓
F0331H	register	GAFLCFGH		✓	✓	✓	✓	✓
F0332H	CAN receive buffer number configuration	RMNBL	RMNB	✓	✓	✓	✓	✓
F0333H	register	—		✓	✓	✓	✓	✓
F0334H	CAN receive buffer receive complete flag	RMND0L	RMND0	✓	✓	✓	✓	✓
F0335H	register	RMND0H		✓	✓	✓	✓	✓
F0338H	CAN receive FIFO control register 0	RFCC0L	RFCC0	✓	✓	✓	✓	✓
F0339H		RFCC0H		✓	✓	✓	✓	✓
F033AH	CAN receive FIFO control register 1	RFCC1L	RFCC1	✓	✓	✓	✓	✓
F033BH		RFCC1H		✓	✓	✓	✓	✓
F0340H	CAN receive FIFO status register 0	RFSTS0L	RFSTS0	✓	✓	✓	✓	✓
F0341H		RFSTS0H		✓	✓	✓	✓	✓
F0342H	CAN receive FIFO status register 1	RFSTS1L	RFSTS1	✓	✓	✓	✓	✓
F0343H		RFSTS1H		✓	✓	✓	✓	✓
F0348H	CAN receive FIFO pointer control register 0	RFPCTR0L	RFPCTR0	✓	✓	✓	✓	✓
F0349H		RFPCTR0H		✓	✓	✓	✓	✓
F034AH	CAN receive FIFO pointer control register 1	RFPCTR1L	RFPCTR1	✓	✓	✓	✓	✓
F034BH		RFPCTR1H		✓	✓	✓	✓	✓
F0350H	CAN0 transmit/receive FIFO control register	CFCCL0L	CFCCL0	✓	✓	✓	✓	✓
F0351H	0L	CFCCL0H		✓	✓	✓	✓	✓
F0352H	CAN0 transmit/receive FIFO control register	CFCCH0L	CFCCH0	✓	✓	✓	✓	✓
F0353H	0H	CFCCH0H		✓	✓	✓	✓	✓
F0358H	CAN0 transmit/receive FIFO status register	CFSTS0L	CFSTS0	✓	✓	✓	✓	✓
F0359H	0	CFSTS0H		✓	✓	✓	✓	✓
F035CH	CAN0 transmit/receive FIFO pointer control	CFPCTR0L	CFPCTR0	✓	✓	✓	✓	✓
F035DH	register 0	—		✓	✓	✓	✓	✓
F0360H	Receive FIFO message lost status register	RFMSTS		✓	✓	✓	✓	✓
F0361H	CAN0 transmit/receive FIFO message lost status register	CFMSTS		✓	✓	✓	✓	✓
F0362H	CAN receive FIFO interrupt status register	RFISTS		✓	✓	✓	✓	✓
F0363H	CAN transmit/receive FIFO receive interrupt status register	CFISTS		✓	✓	✓	✓	✓
F0364H	CAN0 transmit buffer control register 0	TMC0		✓	✓	✓	✓	✓
F0365H	CAN0 transmit buffer control register 1	TMC1		✓	✓	✓	✓	✓
F0366H	CAN0 transmit buffer control register 2	TMC2		✓	✓	✓	✓	✓
F0367H	CAN0 transmit buffer control register 3	TMC3		✓	✓	✓	✓	✓
F036CH	CAN0 transmit buffer status register 0	TMSTS0		✓	✓	✓	✓	✓
F036DH	CAN0 transmit buffer status register 1	TMSTS1		✓	✓	✓	✓	✓
F036EH	CAN0 transmit buffer status register 2	TMSTS2		✓	✓	✓	✓	✓
F036FH	CAN0 transmit buffer status register 3	TMSTS3		✓	✓	✓	✓	✓
F0374H	CAN0 transmit buffer transmit request status	TMTRSTSL	TMTRSTS	✓	✓	✓	✓	✓
F0375H	register	TMTRSTSH		✓	✓	✓	✓	✓
F0376H	CAN0 transmit buffer transmit complete	TMTCSTSL	TMTCSTS	✓	✓	✓	✓	✓
F0377H	status register	TMTCSTSH		✓	✓	✓	✓	✓

RENESAS

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (10/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0378H	CAN0 transmit buffer transmit abort status	TMTASTSL	TMTASTS	✓	✓	✓	✓	✓
F0379H	register	TMTASTSH		✓	✓	✓	✓	✓
F037AH	CAN0 transmit buffer interrupt enable	TMIECL	TMIEC	✓	✓	✓	✓	✓
F037BH	register	TMIECH		✓	✓	✓	✓	✓
F037CH	CAN0 transmit history buffer control register	THLCC0L	THLCC0	✓	✓	✓	✓	✓
F037DH		THLCC0H		✓	✓	✓	✓	✓
F0380H	CAN0 transmit history buffer status register	THLSTS0L	THLSTS0	✓	✓	✓	✓	✓
F0381H		THLSTS0H		✓	✓	✓	✓	✓
F0384H	CAN0 transmit history buffer pointer control	THLPCTR0L	THLPCTR0	✓	✓	✓	✓	✓
F0385H	register	THLPCTR0H		✓	✓	✓	✓	✓
F0388H	CAN global transmit interrupt status register	GTINTSTSL	GTINTSTS	✓	✓	✓	✓	✓
F0389H		GTINTSTSH		✓	✓	✓	✓	✓
F038AH	CAN global RAM window control register	GRWCRL	GRWCR	✓	✓	✓	✓	✓
F038BH		GRWCRH		✓	✓	✓	✓	✓
F038CH	CAN global test configuration register	GTSTCFGL	GTSTCFG	✓	✓	✓	✓	✓
F038DH		GTSTCFGH		✓	✓	✓	✓	✓
F038EH	CAN global test control register	GTSTCTRL		✓	✓	✓	✓	✓
F0394H	CAN global test protection unlock register	GLOCKK		✓	✓	✓	✓	✓
F0395H								
F03A0H	CAN receive rule entry register 0AL / CAN receive buffer register 0AL	GAFLIDL0L/ RMIDL0L	GAFLIDL0/ RMIDL0	✓	✓	✓	✓	✓
F03A1H		GAFLIDL0H/ RMIDL0H		✓	✓	✓	✓	✓
F03A2H	CAN receive rule entry register 0AH / CAN receive buffer register 0AH	GAFLIDH0L/ RMIDH0L	GAFLIDH0/ RMIDH0	✓	✓	✓	✓	✓
F03A3H		GAFLIDH0H/ RMIDH0H		✓	✓	✓	✓	✓
F03A4H	CAN receive rule entry register 0BL / CAN receive buffer register 0BL	GAFLML0L/ RMTS0L	GAFLML0/ RMTS0	✓	✓	✓	✓	✓
F03A5H		GAFLML0H/ RMTS0H		✓	✓	✓	✓	✓
F03A6H	CAN receive rule entry register 0BH / CAN receive buffer register 0BH	GAFLMH0L/ RMPTR0L	GAFLMH0/ RMPTR0	✓	✓	✓	✓	✓
F03A7H		GAFLMH0H/ RMPTR0H		✓	✓	✓	✓	✓
F03A8H	CAN receive rule entry register 0CL / CAN receive buffer register 0CL	GAFLPL0L/ RMDF00L	GAFLPL0/ RMDF00	✓	✓	✓	✓	✓
F03A9H		GAFLPL0H/ RMDF00H		✓	✓	✓	✓	✓
F03AAH	CAN receive rule entry register 0CH / CAN receive buffer register 0CH	GAFLPH0L/ RMDF10L	GAFLPH0/ RMDF10	✓	✓	✓	✓	✓
F03ABH		GAFLPH0H/ RMDF10H		✓	✓	✓	✓	✓
F03ACH	CAN receive rule entry register 1AL / CAN receive buffer register 0DL	GAFLIDL1L/ RMDF20L	GAFLIDL1/ RMDF20	✓	✓	✓	✓	✓
F03ADH		GAFLIDL1H/ RMDF20H		✓	✓	✓	✓	✓
F03AEH	CAN receive rule entry register 1AH / CAN receive buffer register 0DH	GAFLIDH1L/ RMDF30L	GAFLIDH1/ RMDF30	✓	✓	✓	✓	✓
F03AFH		GAFLIDH1H/ RMDF30H		✓	✓	✓	✓	✓

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (11/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F03B0H	CAN receive rule entry register 1BL / CAN receive buffer register 1AL	GAFLML1L/ RMIDL1L	GAFLML1/ RMIDL1	✓	✓	✓	✓	✓
F03B1H		GAFLML1H/ RMIDL1H		✓	✓	✓	✓	✓
F03B2H	CAN receive rule entry register 1BH / CAN receive buffer register 1AH	GAFLMH1L/ RMIDH1L	GAFLMH1/ RMIDH1	✓	✓	✓	✓	✓
F03B3H		GAFLMH1H/ RMIDH1H		✓	✓	✓	✓	✓
F03B4H	CAN receive rule entry register 1CL / CAN receive buffer register 1BL	GAFLPL1L/ RMTS1L	GAFLPL1/ RMTS1	✓	✓	✓	✓	✓
F03B5H		GAFLPL1H/ RMTS1H		✓	✓	✓	✓	✓
F03B6H	CAN receive rule entry register 1CH / CAN receive buffer register 1BH	GAFLPH1L/ RMPTR1L	GAFLPH1/ RMPTR1	✓	✓	✓	✓	✓
F03B7H		GAFLPH1H/ RMPTR1H		✓	✓	✓	✓	✓
F03B8H	CAN receive rule entry register 2AL / CAN receive buffer register 1CL	GAFLIDL2L/ RMDF01L	GAFLIDL2/ RMDF01	✓	✓	✓	✓	✓
F03B9H		GAFLIDL2H/ RMDF01H		✓	✓	✓	✓	✓
F03BAH	CAN receive rule entry register 2AH / CAN receive buffer register 1CH	GAFLIDH2L/ RMDF11L	GAFLIDH2/ RMDF11	✓	✓	✓	✓	✓
F03BBH		GAFLIDH2H/ RMDF11H		✓	✓	✓	✓	✓
F03BCH	CAN receive rule entry register 2BL / CAN receive buffer register 1DL	GAFLML2L/ RMDF21L	GAFLML2/ RMDF21	✓	✓	✓	✓	✓
F03BDH		GAFLML2H/ RMDF21H		✓	✓	✓	✓	✓
F03BEH	CAN receive rule entry register 2BH / CAN receive buffer register 1DH	GAFLMH2L/ RMDF31L	GAFLMH2/ RMDF31	✓	✓	✓	✓	✓
F03BFH		GAFLMH2H/ RMDF31H		✓	✓	✓	✓	✓
F03C0H	CAN receive rule entry register 2CL / CAN receive buffer register 2AL	GAFLPL2L/ RMIDL2L	GAFLPL2/ RMIDL2	✓	✓	✓	✓	✓
F03C1H		GAFLPL2H/ RMIDL2H		✓	✓	✓	✓	✓
F03C2H	CAN receive rule entry register 2CH / CAN receive buffer register 2AH	GAFLPH2L/ RMIDH2L	GAFLPH2/ RMIDH2	✓	✓	✓	✓	✓
F03C3H		GAFLPH2H/ RMIDH2H		✓	✓	✓	✓	✓
F03C4H	CAN receive rule entry register 3AL / CAN receive buffer register 2BL	GAFLIDL3L/ RMTS2L	GAFLIDL3/ RMTS2	✓	✓	✓	✓	✓
F03C5H		GAFLIDL3H/ RMTS2H		✓	✓	✓	✓	✓
F03C6H	CAN receive rule entry register 3AH / CAN receive buffer register 2BH	GAFLIDH3L/ RMPTR2L	GAFLIDH3/ RMPTR2	✓	✓	✓	✓	✓
F03C7H		GAFLIDH3H/ RMPTR2H		✓	✓	✓	✓	✓

RENESAS

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (12/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F03C8H	CAN receive rule entry register 3BL / CAN receive buffer register 2CL	GAFLML3L/ RMDF02L	GAFLML3/ RMDF02	✓	✓	✓	✓	✓
F03C9H		GAFLML3H/ RMDF02H		✓	✓	✓	✓	✓
F03CAH	CAN receive rule entry register 3BH / CAN receive buffer register 2CH	GAFLMH3L/ RMDF12L	GAFLMH3/ RMDF12	✓	✓	✓	✓	✓
F03CBH		GAFLMH3H/ RMDF12H		✓	✓	✓	✓	✓
F03CCH	CAN receive rule entry register 3CL / CAN receive buffer register 2DL	GAFLPL3L/ RMDF22L	GAFLPL3/ RMDF22	✓	✓	✓	✓	✓
F03CDH		GAFLPL3H/ RMDF22H		✓	✓	✓	✓	✓
F03CEH	CAN receive rule entry register 3CH / CAN receive buffer register 2DH	GAFLPH3L/ RMDF32L	GAFLPH3/ RMDF32	✓	✓	✓	✓	✓
F03CFH		GAFLPH3H/ RMDF32H		✓	✓	✓	✓	✓
F03D0H	CAN receive rule entry register 4AL / CAN receive buffer register 3AL	GAFLIDL4L/ RMIDL3L	GAFLIDL4/ RMIDL3	✓	✓	✓	✓	✓
F03D1H		GAFLIDL4H/ RMIDL3H		✓	✓	✓	✓	✓
F03D2H	CAN receive rule entry register 4AH / CAN receive buffer register 3AH	GAFLIDH4L/ RMIDH3L	GAFLIDH4/ RMIDH3	✓	✓	✓	✓	✓
F03D3H		GAFLIDH4H/ RMIDH3H		✓	✓	✓	✓	✓
F03D4H	CAN receive rule entry register 4BL / CAN receive buffer register 3BL	GAFLML4L/ RMTS3L	GAFLML4/ RMTS3	✓	✓	✓	✓	✓
F03D5H		GAFLML4H/ RMTS3H		✓	✓	✓	✓	✓
F03D6H	CAN receive rule entry register 4BH / CAN receive buffer register 3BH	GAFLMH4L/ RMPTR3L	GAFLMH4/ RMPTR3	✓	✓	✓	✓	✓
F03D7H		GAFLMH4H/ RMPTR3H		✓	✓	✓	✓	✓
F03D8H	CAN receive rule entry register 4CL / CAN receive buffer register 3CL	GAFLPL4L/ RMDF03L	GAFLPL4/ RMDF03	✓	✓	✓	✓	✓
F03D9H		GAFLPL4H/ RMDF03H		✓	✓	✓	✓	✓
F03DAH	CAN receive rule entry register 4CH / CAN receive buffer register 3CH	GAFLPH4L/ RMDF13L	GAFLPH4/ RMDF13	✓	✓	✓	✓	✓
F03DBH		GAFLPH4H/ RMDF13H		✓	✓	✓	✓	✓
F03DCH	CAN receive rule entry register 5AL / CAN receive buffer register 3DL	GAFLIDL5L/ RMDF23L	GAFLIDL5/ RMDF23	✓	✓	✓	✓	✓
F03DDH		GAFLIDL5H/ RMDF23H		✓	✓	✓	✓	✓
F03DEH	CAN receive rule entry register 5AH / CAN receive buffer register 3DH	GAFLIDH5L/ RMDF33L	GAFLIDH5/ RMDF33	✓	✓	✓	✓	✓
F03DFH		GAFLIDH5H/ RMDF33H		✓	✓	✓	✓	✓

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (13/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F03E0H	CAN receive rule entry register 5BL / CAN receive buffer register 4AL	GAFLML5L/ RMIDL4L	GAFLML5/ RMIDL4	✓	✓	✓	✓	✓
F03E1H		GAFLML5H/ RMIDL4H		✓	✓	✓	✓	✓
F03E2H	CAN receive rule entry register 5BH / CAN receive buffer register 4AH	GAFLMH5L/ RMIDH4L	GAFLMH5/ RMIDH4	✓	✓	✓	✓	✓
F03E3H		GAFLMH5H/ RMIDH4H		✓	✓	✓	✓	✓
F03E4H	CAN receive rule entry register 5CL / CAN receive buffer register 4BL	GAFLPL5L/ RMTS4L	GAFLPL5/ RMTS4	✓	✓	✓	✓	✓
F03E5H		GAFLPL5H/ RMTS4H		✓	✓	✓	✓	✓
F03E6H	CAN receive rule entry register 5CH / CAN receive buffer register 4BH	GAFLPH5L/ RMPTR4L	GAFLPH5/ RMPTR4	✓	✓	✓	✓	✓
F03E7H		GAFLPH5H/ RMPTR4H		✓	✓	✓	✓	✓
F03E8H	CAN receive rule entry register 6AL / CAN receive buffer register 4CL	GAFLIDL6L/ RMDF04L	GAFLIDL6/ RMDF04	✓	✓	✓	✓	✓
F03E9H		GAFLIDL6H/ RMDF04H		✓	✓	✓	✓	✓
F03EAH	CAN receive rule entry register 6AH / CAN receive buffer register 4CH	GAFLIDH6L/ RMDF14L	GAFLIDH6/ RMDF14	✓	✓	✓	✓	✓
F03EBH		GAFLIDH6H/ RMDF14H		✓	✓	✓	✓	✓
F03ECH	CAN receive rule entry register 6BL / CAN receive buffer register 4DL	GAFLML6L/ RMDF24L	GAFLML6/ RMDF24	✓	✓	✓	✓	✓
F03EDH		GAFLML6H/ RMDF24H		✓	✓	✓	✓	✓
F03EEH	CAN receive rule entry register 6BH / CAN receive buffer register 4DH	GAFLMH6L/ RMDF34L	GAFLMH6/ RMDF34	✓	✓	✓	✓	✓
F03EFH		GAFLMH6H/ RMDF34H		✓	✓	✓	✓	✓
F03F0H	CAN receive rule entry register 6CL / CAN receive buffer register 5AL	GAFLPL6L/ RMIDL5L	GAFLPL6/ RMIDL5	✓	✓	✓	✓	✓
F03F1H		GAFLPL6H/ RMIDL5H		✓	✓	✓	✓	✓
F03F2H	CAN receive rule entry register 6CH / CAN receive buffer register 5AH	GAFLPH6L/ RMIDH5L	GAFLPH6/ RMIDH5	✓	✓	✓	✓	✓
F03F3H		GAFLPH6H/ RMIDH5H		✓	✓	✓	✓	✓
F03F4H	CAN receive rule entry register 7AL / CAN receive buffer register 5BL	GAFLIDL7L/ RMTS5L	GAFLIDL7/ RMTS5	✓	✓	✓	✓	✓
F03F5H		GAFLIDL7H/ RMTS5H		✓	✓	✓	✓	✓
F03F6H	CAN receive rule entry register 7AH / CAN receive buffer register 5BH	GAFLIDH7L/ RMPTR5L	GAFLIDH7/ RMPTR5	✓	✓	✓	✓	✓
F03F7H		GAFLIDH7H/ RMPTR5H		✓	✓	✓	✓	✓

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (14/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F03F8H	CAN receive rule entry register 7BL / CAN receive buffer register 5CL	GAFLML7L/ RMDF05L	GAFLML7/ RMDF05	✓	✓	✓	✓	✓
F03F9H		GAFLML7H/ RMDF05H		✓	✓	✓	✓	✓
F03FAH	CAN receive rule entry register 7BH / CAN receive buffer register 5CH	GAFLMH7L/ RMDF15L	GAFLMH7/ RMDF15	✓	✓	✓	✓	✓
F03FBH		GAFLMH7H/ RMDF15H		✓	✓	✓	✓	✓
F03FCH	CAN receive rule entry register 7CL / CAN receive buffer register 5DL	GAFLPL7L/ RMDF25L	GAFLPL7/ RMDF25	✓	✓	✓	✓	✓
F03FDH		GAFLPL7H/ RMDF25H		✓	✓	✓	✓	✓
F03FEH	CAN receive rule entry register 7CH / CAN receive buffer register 5DH	GAFLPH7L/ RMDF35L	GAFLPH7/ RMDF35	✓	✓	✓	✓	✓
F03FFH		GAFLPH7H/ RMDF35H		✓	✓	✓	✓	✓
F0400H	CAN receive rule entry register 8AL / CAN receive buffer register 6AL	GAFLIDL8L/ RMIDL6L	GAFLIDL8/ RMIDL6	✓	✓	✓	✓	✓
F0401H		GAFLIDL8H/ RMIDL6H		✓	✓	✓	✓	✓
F0402H	CAN receive rule entry register 8AH / CAN receive buffer register 6AH	GAFLIDH8L/ RMIDH6L	GAFLIDH8/ RMIDH6	✓	✓	✓	✓	✓
F0403H		GAFLIDH8H/ RMIDH6H		✓	✓	✓	✓	✓
F0404H	CAN receive rule entry register 8BL / CAN receive buffer register 6BL	GAFLML8L/ RMTS6L	GAFLML8/ RMTS6	✓	✓	✓	✓	✓
F0405H		GAFLML8H/ RMTS6H		✓	✓	✓	✓	✓
F0406H	CAN receive rule entry register 8BH / CAN receive buffer register 6BH	GAFLMH8L/ RMPTR6L	GAFLMH8/ RMPTR6	✓	✓	✓	✓	✓
F0407H		GAFLMH8H/ RMPTR6H		✓	✓	✓	✓	✓
F0408H	CAN receive rule entry register 8CL / CAN receive buffer register 6CL	GAFLPL8L/ RMDF06L	GAFLPL8/ RMDF06	✓	✓	✓	✓	✓
F0409H		GAFLPL8H/ RMDF06H		✓	✓	✓	✓	✓
F040AH	CAN receive rule entry register 8CH / CAN receive buffer register 6CH	GAFLPH8L/ RMDF16L	GAFLPH8/ RMDF16	✓	✓	✓	✓	✓
F040BH		GAFLPH8H/ RMDF16H		✓	✓	✓	✓	✓
F040CH	CAN receive rule entry register 9AL / CAN receive buffer register 6DL	GAFLIDL9L/ RMDF26L	GAFLIDL9/ RMDF26	✓	✓	✓	✓	✓
F040DH		GAFLIDL9H/ RMDF26H		✓	✓	✓	✓	✓
F040EH	CAN receive rule entry register 9AH / CAN receive buffer register 6DH	GAFLIDH9L/ RMDF36L	GAFLIDH9/ RMDF36	✓	✓	✓	✓	✓
F040FH		GAFLIDH9H/ RMDF36H		✓	✓	✓	✓	✓

RENESAS

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (15/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0410H	CAN receive rule entry register 9BL / CAN receive buffer register 7AL	GAFLML9L/ RMIDL7L	GAFLML9/ RMIDL7	✓	✓	✓	✓	✓
F0411H		GAFLML9H/ RMIDL7H		✓	✓	✓	✓	✓
F0412H	CAN receive rule entry register 9BH / CAN receive buffer register 7AH	GAFLMH9L/ RMIDH7L	GAFLMH9/ RMIDH7	✓	✓	✓	✓	✓
F0413H		GAFLMH9H/ RMIDH7H		✓	✓	✓	✓	✓
F0414H	CAN receive rule entry register 9CL / CAN receive buffer register 7BL	GAFLPL9L/ RMTS7L	GAFLPL9/ RMTS7	✓	✓	✓	✓	✓
F0415H		GAFLPL9H/ RMTS7H		✓	✓	✓	✓	✓
F0416H	CAN receive rule entry register 9CH / CAN receive buffer register 7BH	GAFLPH9L/ RMPTR7L	GAFLPH9/ RMPTR7	✓	✓	✓	✓	✓
F0417H		GAFLPH9H/ RMPTR7H		✓	✓	✓	✓	✓
F0418H	CAN receive rule entry register 10AL / CAN receive buffer register 7CL	GAFLIDL10L/ RMDF07L	GAFLIDL10/ RMDF07	✓	✓	✓	✓	✓
F0419H		GAFLIDL10H/ RMDF07H		✓	✓	✓	✓	✓
F041AH	CAN receive rule entry register 10AH / CAN receive buffer register 7CH	GAFLIDH10L/ RMDF17L	GAFLIDH10/ RMDF17	✓	✓	✓	✓	✓
F041BH		GAFLIDH10H/ RMDF17H		✓	✓	✓	✓	✓
F041CH	CAN receive rule entry register 10BL / CAN receive buffer register 7DL	GAFLML10L/ RMDF27L	GAFLML10/ RMDF27	✓	✓	✓	✓	✓
F041DH		GAFLML10H/ RMDF27H		✓	✓	✓	✓	✓
F041EH	CAN receive rule entry register 10BH / CAN receive buffer register 7DH	GAFLMH10L/ RMDF37L	GAFLMH10/ RMDF37	✓	✓	✓	✓	✓
F041FH		GAFLMH10H/ RMDF37H		✓	✓	✓	✓	✓
F0420H	CAN receive rule entry register 10CL / CAN receive buffer register 8AL	GAFLPL10L/ RMIDL8L	GAFLPL10/ RMIDL8	✓	✓	✓	✓	✓
F0421H		GAFLPL10H/ RMIDL8H		✓	✓	✓	✓	✓
F0422H	CAN receive rule entry register 10CH / CAN receive buffer register 8AH	GAFLPH10L/ RMIDH8L	GAFLPH10/ RMIDH8	✓	✓	✓	✓	✓
F0423H		GAFLPH10H/ RMIDH8H		✓	✓	✓	✓	✓
F0424H	CAN receive rule entry register 11AL / CAN receive buffer register 8BL	GAFLIDL11L/ RMTS8L	GAFLIDL11/ RMTS8	✓	✓	✓	✓	✓
F0425H		GAFLIDL11H/ RMTS8H		✓	✓	✓	✓	✓
F0426H	CAN receive rule entry register 11AH / CAN receive buffer register 8BH	GAFLIDH11L/ RMPTR8L	GAFLIDH11/ RMPTR8	✓	✓	✓	✓	✓
F0427H		GAFLIDH11H/ RMPTR8H		✓	✓	✓	✓	✓

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Table 3-3 List of extended SFRs (2ⁿᵈ SFR) of Group D of RL78/F14 (16/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0428H	CAN receive rule entry register 11BL / CAN receive buffer register 8CL	GAFLML11L/ RMDF08L	GAFLML11/ RMDF08	✓	✓	✓	✓	✓
F0429H		GAFLML11H/ RMDF08H		✓	✓	✓	✓	✓
F042AH	CAN receive rule entry register 11BH / CAN receive buffer register 8CH	GAFLMH11L/ RMDF18L	GAFLMH11/ RMDF18	✓	✓	✓	✓	✓
F042BH		GAFLMH11H/ RMDF18H		✓	✓	✓	✓	✓
F042CH	CAN receive rule entry register 11CL / CAN receive buffer register 8DL	GAFLPL11L/ RMDF28L	GAFLPL11/ RMDF28	✓	✓	✓	✓	✓
F042DH		GAFLPL11H/ RMDF28H		✓	✓	✓	✓	✓
F042EH	CAN receive rule entry register 11CH / CAN receive buffer register 8DH	GAFLPH11L/ RMDF38L	GAFLPH11/ RMDF38	✓	✓	✓	✓	✓
F042FH		GAFLPH11H/ RMDF38H		✓	✓	✓	✓	✓
F0430H	CAN receive rule entry register 12AL / CAN receive buffer register 9AL	GAFLIDL12L/ RMIDL9L	GAFLIDL12/ RMIDL9	✓	✓	✓	✓	✓
F0431H		GAFLIDL12H/ RMIDL9H		✓	✓	✓	✓	✓
F0432H	CAN receive rule entry register 12AH / CAN receive buffer register 9AH	GAFLIDH12L/ RMIDH9L	GAFLIDH12/ RMIDH9	✓	✓	✓	✓	✓
F0433H		GAFLIDH12H/ RMIDH9H		✓	✓	✓	✓	✓
F0434H	CAN receive rule entry register 12BL / CAN receive buffer register 9BL	GAFLML12L/ RMTS9L	GAFLML12/ RMTS9	✓	✓	✓	✓	✓
F0435H		GAFLML12H/ RMTS9H		✓	✓	✓	✓	✓
F0436H	CAN receive rule entry register 12BH / CAN receive buffer register 9BH	GAFLMH12L/ RMPTR9L	GAFLMH12/ RMPTR9	✓	✓	✓	✓	✓
F0437H		GAFLMH12H/ RMPTR9H		✓	✓	✓	✓	✓
F0438H	CAN receive rule entry register 12CL / CAN receive buffer register 9CL	GAFLPL12L/ RMDF09L	GAFLPL12/ RMDF09	✓	✓	✓	✓	✓
F0439H		GAFLPL12H/ RMDF09H		✓	✓	✓	✓	✓
F043AH	CAN receive rule entry register 12CH / CAN receive buffer register 9CH	GAFLPH12L/ RMDF19L	GAFLPH12/ RMDF19	✓	✓	✓	✓	✓
F043BH		GAFLPH12H/ RMDF19H		✓	✓	✓	✓	✓
F043CH	CAN receive rule entry register 13AL / CAN receive buffer register 9DL	GAFLIDL13L/ RMDF29L	GAFLIDL13/ RMDF29	✓	✓	✓	✓	✓
F043DH		GAFLIDL13H/ RMDF29H		✓	✓	✓	✓	✓
F043EH	CAN receive rule entry register 13AH / CAN receive buffer register 9DH	GAFLIDH13L/ RMDF39L	GAFLIDH13/ RMDF39	✓	✓	✓	✓	✓
F043FH		GAFLIDH13H/ RMDF39H		✓	✓	✓	✓	✓

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (17/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0440H	CAN receive rule entry register 13BL / CAN receive buffer register 10AL	GAFLML13L/ RMIDL10L	GAFLML13/ RMIDL10	✓	✓	✓	✓	✓
F0441H		GAFLML13H/ RMIDL10H		✓	✓	✓	✓	✓
F0442H	CAN receive rule entry register 13BH / CAN receive buffer register 10AH	GAFLMH13L/ RMIDH10L	GAFLMH13/ RMIDH10	✓	✓	✓	✓	✓
F0443H		GAFLMH13H/ RMIDH10H		✓	✓	✓	✓	✓
F0444H	CAN receive rule entry register 13CL / CAN receive buffer register 10BL	GAFLPL13L/ RMTS10L	GAFLPL13/ RMTS10	✓	✓	✓	✓	✓
F0445H		GAFLPL13H/ RMTS10H		✓	✓	✓	✓	✓
F0446H	CAN receive rule entry register 13CH / CAN receive buffer register 10BH	GAFLPH13L/ RMPTR10L	GAFLPH13/ RMPTR10	✓	✓	✓	✓	✓
F0447H		GAFLPH13H/ RMPTR10H		✓	✓	✓	✓	✓
F0448H	CAN receive rule entry register 14AL / CAN receive buffer register 10CL	GAFLIDL14L/ RMDF010L	GAFLIDL14/ RMDF010	✓	✓	✓	✓	✓
F0449H		GAFLIDL14H/ RMDF010H		✓	✓	✓	✓	✓
F044AH	CAN receive rule entry register 14AH / CAN receive buffer register 10CH	GAFLIDH14L/ RMDF110L	GAFLIDH14/ RMDF110	✓	✓	✓	✓	✓
F044BH		GAFLIDH14H/ RMDF110H		✓	✓	✓	✓	✓
F044CH	CAN receive rule entry register 14BL / CAN receive buffer register 10DL	GAFLML14L/ RMDF210L	GAFLML14/ RMDF210	✓	✓	✓	✓	✓
F044DH		GAFLML14H/ RMDF210H		✓	✓	✓	✓	✓
F044EH	CAN receive rule entry register 14BH / CAN receive buffer register 10DH	GAFLMH14L/ RMDF310L	GAFLMH14/ RMDF310	✓	✓	✓	✓	✓
F044FH		GAFLMH14H/ RMDF310H		✓	✓	✓	✓	✓
F0450H	CAN receive rule entry register 14CL / CAN receive buffer register 11AL	GAFLPL14L/ RMIDL11L	GAFLPL14/ RMIDL11	✓	✓	✓	✓	✓
F0451H		GAFLPL14H/ RMIDL11H		✓	✓	✓	✓	✓
F0452H	CAN receive rule entry register 14CH / CAN receive buffer register 11AH	GAFLPH14L/ RMIDH11L	GAFLPH14/ RMIDH11	✓	✓	✓	✓	✓
F0453H		GAFLPH14H/ RMIDH11H		✓	✓	✓	✓	✓
F0454H	CAN receive rule entry register 15AL / CAN receive buffer register 11BL	GAFLIDL15L/ RMTS11L	GAFLIDL15/ RMTS11	✓	✓	✓	✓	✓
F0455H		GAFLIDL15H/ RMTS11H		✓	✓	✓	✓	✓
F0456H	CAN receive rule entry register 15AH / CAN receive buffer register 11BH	GAFLIDH15L/ RMPTR11L	GAFLIDH15/ RMPTR11	✓	✓	✓	✓	✓
F0457H		GAFLIDH15H/ RMPTR11H		✓	✓	✓	✓	✓

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (18/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0458H	CAN receive rule entry register 15BL / CAN receive buffer register 11CL	GAFLML15L/ RMDF011L	GAFLML15/ RMDF011	✓	✓	✓	✓	✓
F0459H		GAFLML15H/ RMDF011H		✓	✓	✓	✓	✓
F045AH	CAN receive rule entry register 15BH / CAN receive buffer register 11CH	GAFLMH15L/ RMDF111L	GAFLMH15/ RMDF111	✓	✓	✓	✓	✓
F045BH		GAFLMH15H/ RMDF111H		✓	✓	✓	✓	✓
F045CH	CAN receive rule entry register 15CL / CAN receive buffer register 11DL	GAFLPL15L/ RMDF211L	GAFLPL15/ RMDF211	✓	✓	✓	✓	✓
F045DH		GAFLPL15H/ RMDF211H		✓	✓	✓	✓	✓
F045EH	CAN receive rule entry register 15CH / CAN receive buffer register 11DH	GAFLPH15L/ RMDF311L	GAFLPH15/ RMDF311	✓	✓	✓	✓	✓
F045FH		GAFLPH15H/ RMDF311H		✓	✓	✓	✓	✓
F0460H	CAN receive buffer register 12AL	RMIDL12L	RMIDL12	✓	✓	✓	✓	✓
F0461H		RMIDL12H		✓	✓	✓	✓	✓
F0462H	CAN receive buffer register 12AH	RMIDH12L	RMIDH12	✓	✓	✓	✓	✓
F0463H		RMIDH12H		✓	✓	✓	✓	✓
F0464H	CAN receive buffer register 12BL	RMTS12L	RMTS12	✓	✓	✓	✓	✓
F0465H		RMTS12H		✓	✓	✓	✓	✓
F0466H	CAN receive buffer register 12BH	RMPTR12L	RMPTR12	✓	✓	✓	✓	✓
F0467H		RMPTR12H		✓	✓	✓	✓	✓
F0468H	CAN receive buffer register 12CL	RMDF012L	RMDF012	✓	✓	✓	✓	✓
F0469H		RMDF012H		✓	✓	✓	✓	✓
F046AH	CAN receive buffer register 12CH	RMDF112L	RMDF112	✓	✓	✓	✓	✓
F046BH		RMDF112H		✓	✓	✓	✓	✓
F046CH	CAN receive buffer register 12DL	RMDF212L	RMDF212	✓	✓	✓	✓	✓
F046DH		RMDF212H		✓	✓	✓	✓	✓
F046EH	CAN receive buffer register 12DH	RMDF312L	RMDF312	✓	✓	✓	✓	✓
F046FH		RMDF312H		✓	✓	✓	✓	✓
F0470H	CAN receive buffer register 13AL	RMIDL13L	RMIDL13	✓	✓	✓	✓	✓
F0471H		RMIDL13H		✓	✓	✓	✓	✓
F0472H	CAN receive buffer register 13AH	RMIDH13L	RMIDH13	✓	✓	✓	✓	✓
F0473H		RMIDH13H		✓	✓	✓	✓	✓
F0474H	CAN receive buffer register 13BL	RMTS13L	RMTS13	✓	✓	✓	✓	✓
F0475H		RMTS13H		✓	✓	✓	✓	✓
F0476H	CAN receive buffer register 13BH	RMPTR13L	RMPTR13	✓	✓	✓	✓	✓
F0477H		RMPTR13H		✓	✓	✓	✓	✓
F0478H	CAN receive buffer register 13CL	RMDF013L	RMDF013	✓	✓	✓	✓	✓
F0479H		RMDF013H		✓	✓	✓	✓	✓
F047AH	CAN receive buffer register 13CH	RMDF113L	RMDF113	✓	✓	✓	✓	✓
F047BH		RMDF113H		✓	✓	✓	✓	✓
F047CH	CAN receive buffer register 13DL	RMDF213L	RMDF213	✓	✓	✓	✓	✓
F047DH		RMDF213H		✓	✓	✓	✓	✓
F047EH	CAN receive buffer register 13DH	RMDF313L	RMDF313	✓	✓	✓	✓	✓
F047FH		RMDF313H		✓	✓	✓	✓	✓
F0480H	CAN receive buffer register 14AL	RMIDL14L	RMIDL14	✓	✓	✓	✓	✓
F0481H		RMIDL14H		✓	✓	✓	✓	✓

Table 3-3 List of extended SFRs (2ⁿᵈ SFR) of Group D of RL78/F14 (19/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0482H	CAN receive buffer register 14AH	RMIDH14L	RMIDH14	✓	✓	✓	✓	✓
F0483H		RMIDH14H		✓	✓	✓	✓	✓
F0484H	CAN receive buffer register 14BL	RMTS14L	RMTS14	✓	✓	✓	✓	✓
F0485H		RMTS14H		✓	✓	✓	✓	✓
F0486H	CAN receive buffer register 14BH	RMPTR14L	RMPTR14	✓	✓	✓	✓	✓
F0487H		RMPTR14H		✓	✓	✓	✓	✓
F0488H	CAN receive buffer register 14CL	RMDF014L	RMDF014	✓	✓	✓	✓	✓
F0489H		RMDF014H		✓	✓	✓	✓	✓
F048AH	CAN receive buffer register 14CH	RMDF114L	RMDF114	✓	✓	✓	✓	✓
F048BH		RMDF114H		✓	✓	✓	✓	✓
F048CH	CAN receive buffer register 14DL	RMDF214L	RMDF214	✓	✓	✓	✓	✓
F048DH		RMDF214H		✓	✓	✓	✓	✓
F048EH	CAN receive buffer register 14DH	RMDF314L	RMDF314	✓	✓	✓	✓	✓
F048FH		RMDF314H		✓	✓	✓	✓	✓
F0490H	CAN receive buffer register 15AL	RMIDL15L	RMIDL15	✓	✓	✓	✓	✓
F0491H		RMIDL15H		✓	✓	✓	✓	✓
F0492H	CAN receive buffer register 15AH	RMIDH15L	RMIDH15	✓	✓	✓	✓	✓
F0493H		RMIDH15H		✓	✓	✓	✓	✓
F0494H	CAN receive buffer register 15BL	RMTS15L	RMTS15	✓	✓	✓	✓	✓
F0495H		RMTS15H		✓	✓	✓	✓	✓
F0496H	CAN receive buffer register 15BH	RMPTR15L	RMPTR15	✓	✓	✓	✓	✓
F0497H		RMPTR15H		✓	✓	✓	✓	✓
F0498H	CAN receive buffer register 15CL	RMDF015L	RMDF015	✓	✓	✓	✓	✓
F0499H		RMDF015H		✓	✓	✓	✓	✓
F049AH	CAN receive buffer register 15CH	RMDF115L	RMDF115	✓	✓	✓	✓	✓
F049BH		RMDF115H		✓	✓	✓	✓	✓
F049CH	CAN receive buffer register 15DL	RMDF215L	RMDF215	✓	✓	✓	✓	✓
F049DH		RMDF215H		✓	✓	✓	✓	✓
F049EH	CAN receive buffer register 15DH	RMDF315L	RMDF315	✓	✓	✓	✓	✓
F049FH		RMDF315H		✓	✓	✓	✓	✓
F0580H	CAN RAM test register 0	RPGACC0L	RPGACC0	✓	✓	✓	✓	✓
F0581H		RPGACC0H		✓	✓	✓	✓	✓
F0582H	CAN RAM test register 1	RPGACC1L	RPGACC1	✓	✓	✓	✓	✓
F0583H		RPGACC1H		✓	✓	✓	✓	✓
F0584H	CAN RAM test register 2	RPGACC2L	RPGACC2	✓	✓	✓	✓	✓
F0585H		RPGACC2H		✓	✓	✓	✓	✓
F0586H	CAN RAM test register 3	RPGACC3L	RPGACC3	✓	✓	✓	✓	✓
F0587H		RPGACC3H		✓	✓	✓	✓	✓
F0588H	CAN RAM test register 4	RPGACC4L	RPGACC4	✓	✓	✓	✓	✓
F0589H		RPGACC4H		✓	✓	✓	✓	✓
F058AH	CAN RAM test register 5	RPGACC5L	RPGACC5	✓	✓	✓	✓	✓
F058BH		RPGACC5H		✓	✓	✓	✓	✓
F058CH	CAN RAM test register 6	RPGACC6L	RPGACC6	✓	✓	✓	✓	✓
F058DH		RPGACC6H		✓	✓	✓	✓	✓
F058EH	CAN RAM test register 7	RPGACC7L	RPGACC7	✓	✓	✓	✓	✓
F058FH		RPGACC7H		✓	✓	✓	✓	✓
F0590H	CAN RAM test register 8	RPGACC8L	RPGACC8	✓	✓	✓	✓	✓
F0591H		RPGACC8H		✓	✓	✓	✓	✓
F0592H	CAN RAM test register 9	RPGACC9L	RPGACC9	✓	✓	✓	✓	✓
F0593H		RPGACC9H		✓	✓	✓	✓	✓

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (20/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0594H	CAN RAM test register 10	RPGACC10L	RPGACC10	✓	✓	✓	✓	✓
F0595H		RPGACC10H		✓	✓	✓	✓	✓
F0596H	CAN RAM test register 11	RPGACC11L	RPGACC11	✓	✓	✓	✓	✓
F0597H		RPGACC11H		✓	✓	✓	✓	✓
F0598H	CAN RAM test register 12	RPGACC12L	RPGACC12	✓	✓	✓	✓	✓
F0599H		RPGACC12H		✓	✓	✓	✓	✓
F059AH	CAN RAM test register 13	RPGACC13L	RPGACC13	✓	✓	✓	✓	✓
F059BH		RPGACC13H		✓	✓	✓	✓	✓
F059CH	CAN RAM test register 14	RPGACC14L	RPGACC14	✓	✓	✓	✓	✓
F059DH		RPGACC14H		✓	✓	✓	✓	✓
F059EH	CAN RAM test register 15	RPGACC15L	RPGACC15	✓	✓	✓	✓	✓
F059FH		RPGACC15H		✓	✓	✓	✓	✓
F05A0H	CAN RAM test register 16 / CAN receive FIFO access register 0AL	RPGACC16L/ RFIDL0L	RPGACC16/ RFIDL0	✓	✓	✓	✓	✓
F05A1H		RPGACC16H RFIDL0H		✓	✓	✓	✓	✓
F05A2H	CAN RAM test register 17 / CAN receive FIFO access register 0AH	RPGACC17L/ RFIDH0L	RPGACC17/ RFIDH0	✓	✓	✓	✓	✓
F05A3H		RPGACC17H RFIDH0H		✓	✓	✓	✓	✓
F05A4H	CAN RAM test register 18 / CAN receive FIFO access register 0BL	RPGACC18L/ RFTS0L	RPGACC18/ RFTS0	✓	✓	✓	✓	✓
F05A5H		RPGACC18H/ RFTS0H		✓	✓	✓	✓	✓
F05A6H	CAN RAM test register 19 / CAN receive FIFO access register 0BH	RPGACC19L/ RFPTR0L	RPGACC19/ RFPTR0	✓	✓	✓	✓	✓
F05A7H		RPGACC19H/ RFPTR0H		✓	✓	✓	✓	✓
F05A8H	CAN RAM test register 20 / CAN receive FIFO access register 0CL	RPGACC20L/ RFDF00L	RPGACC20/ RFDF00	✓	✓	✓	✓	✓
F05A9H		RPGACC20H/ RFDF00H		✓	✓	✓	✓	✓
F05AAH	CAN RAM test register 21 / CAN receive FIFO access register 0CH	RPGACC21L/ RFDF10L	RPGACC21/ RFDF10	✓	✓	✓	✓	✓
F05ABH		RPGACC21H/ RFDF10H		✓	✓	✓	✓	✓
F05ACH	CAN RAM test register 22 / CAN receive FIFO access register 0DL	RPGACC22L/ RFDF20L	RPGACC22/ RFDF20	✓	✓	✓	✓	✓
F05ADH		RPGACC22H/ RFDF20H		✓	✓	✓	✓	✓
F05AEH	CAN RAM test register 23 / CAN receive FIFO access register 0DH	RPGACC23L/ RFDF30L	RPGACC23/ RFDF30	✓	✓	✓	✓	✓
F05AFH		RPGACC23H/ RFDF30H		✓	✓	✓	✓	✓
F05B0H	CAN RAM test register 24 / CAN receive FIFO access register 1AL	RPGACC24L/ RFIDL1L	RPGACC24/ RFIDL1	✓	✓	✓	✓	✓
F05B1H		RPGACC24H/ RFIDL1H		✓	✓	✓	✓	✓

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (21/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F05B2H	CAN RAM test register 25 / CAN receive FIFO access register 1AH	RPGACC25L/ RFIDH1L	RPGACC25/ RFIDH1	✓	✓	✓	✓	✓
F05B3H		RPGACC25H/ RFIDH1H		✓	✓	✓	✓	✓
F05B4H	CAN RAM test register 26 / CAN receive FIFO access register 1BL	RPGACC26L/ RFTS1L	RPGACC26/ RFTS1	✓	✓	✓	✓	✓
F05B5H		RPGACC26H/ RFTS1H		✓	✓	✓	✓	✓
F05B6H	CAN RAM test register 27 / CAN receive FIFO access register 1BH	RPGACC27L/ RFPTR1L	RPGACC27/ RFPTR1	✓	✓	✓	✓	✓
F05B7H		RPGACC27H/ RFPTR1H		✓	✓	✓	✓	✓
F05B8H	CAN RAM test register 28 / CAN receive FIFO access register 1CL	RPGACC28L/ RFDF01L	RPGACC28/ RFDF01	✓	✓	✓	✓	✓
F05B9H		RPGACC28H/ RFDF01H		✓	✓	✓	✓	✓
F05BAH	CAN RAM test register 29 / CAN receive FIFO access register 1CH	RPGACC29L/ RFDF11L	RPGACC29/ RFDF11	✓	✓	✓	✓	✓
F05BBH		RPGACC29H/ RFDF11H		✓	✓	✓	✓	✓
F05BCH	CAN RAM test register 30 / CAN receive FIFO access register 1DL	RPGACC30L/ RFDF21L	RPGACC30/ RFDF21	✓	✓	✓	✓	✓
F05BDH		RPGACC30H/ RFDF21H		✓	✓	✓	✓	✓
F05BEH	CAN RAM test register 31 / CAN receive FIFO access register 1DH	RPGACC31L/ RFDF31L	RPGACC31/ RFDF31	✓	✓	✓	✓	✓
F05BFH		RPGACC31H/ RFDF31H		✓	✓	✓	✓	✓
F05C0H	CAN RAM test register 32	RPGACC32L	RPGACC32	✓	✓	✓	✓	✓
F05C1H		RPGACC32H		✓	✓	✓	✓	✓
F05C2H	CAN RAM test register 33	RPGACC33L	RPGACC33	✓	✓	✓	✓	✓
F05C3H		RPGACC33H		✓	✓	✓	✓	✓
F05C4H	CAN RAM test register 34	RPGACC34L	RPGACC34	✓	✓	✓	✓	✓
F05C5H		RPGACC34H		✓	✓	✓	✓	✓
F05C6H	CAN RAM test register 35	RPGACC35L	RPGACC35	✓	✓	✓	✓	✓
F05C7H		RPGACC35H		✓	✓	✓	✓	✓
F05C8H	CAN RAM test register 36	RPGACC36L	RPGACC36	✓	✓	✓	✓	✓
F05C9H		RPGACC36H		✓	✓	✓	✓	✓
F05CAH	CAN RAM test register 37	RPGACC37L	RPGACC37	✓	✓	✓	✓	✓
F05CBH		RPGACC37H		✓	✓	✓	✓	✓
F05CCH	CAN RAM test register 38	RPGACC38L	RPGACC38	✓	✓	✓	✓	✓
F05CDH		RPGACC38H		✓	✓	✓	✓	✓
F05CEH	CAN RAM test register 39	RPGACC39L	RPGACC39	✓	✓	✓	✓	✓
F05CFH		RPGACC39H		✓	✓	✓	✓	✓
F05D0H	CAN RAM test register 40	RPGACC40L	RPGACC40	✓	✓	✓	✓	✓
F05D1H		RPGACC40H		✓	✓	✓	✓	✓
F05D2H	CAN RAM test register 41	RPGACC41L	RPGACC41	✓	✓	✓	✓	✓
F05D3H		RPGACC41H		✓	✓	✓	✓	✓
F05D4H	CAN RAM test register 42	RPGACC42L	RPGACC42	✓	✓	✓	✓	✓
F05D5H		RPGACC42H		✓	✓	✓	✓	✓

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (22/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F05D6H	CAN RAM test register 43	RPGACC43L	RPGACC43	✓	✓	✓	✓	✓
F05D7H		RPGACC43H		✓	✓	✓	✓	✓
F05D8H	CAN RAM test register 44	RPGACC44L	RPGACC44	✓	✓	✓	✓	✓
F05D9H		RPGACC44H		✓	✓	✓	✓	✓
F05DAH	CAN RAM test register 45	RPGACC45L	RPGACC45	✓	✓	✓	✓	✓
F05DBH		RPGACC45H		✓	✓	✓	✓	✓
F05DCH	CAN RAM test register 46	RPGACC46L	RPGACC46	✓	✓	✓	✓	✓
F05DDH		RPGACC46H		✓	✓	✓	✓	✓
F05DEH	CAN RAM test register 47	RPGACC47L	RPGACC47	✓	✓	✓	✓	✓
F05DFH		RPGACC47H		✓	✓	✓	✓	✓
F05E0H	CAN RAM test register 48 / CAN transmit/receive FIFO access register 0AL	RPGACC48L/ CFIDL0L	RPGACC48/ CFIDL0	✓	✓	✓	✓	✓
F05E1H		RPGACC48H/ CFIDL0H		✓	✓	✓	✓	✓
F05E2H	CAN RAM test register 49 / CAN transmit/receive FIFO access register 0AH	RPGACC49L/ CFIDH0L	RPGACC49/ CFIDH0	✓	✓	✓	✓	✓
F05E3H		RPGACC49H/ CFIDH0H		✓	✓	✓	✓	✓
F05E4H	CAN RAM test register 50 / CAN transmit/receive FIFO access register 0BL	RPGACC50L/ CFTS0L	RPGACC50/ CFTS0	✓	✓	✓	✓	✓
F05E5H		RPGACC50H/ CFTS0H		✓	✓	✓	✓	✓
F05E6H	CAN RAM test register 51 / CAN transmit/receive FIFO access register 0BH	RPGACC51L/ CFPTR0L	RPGACC51/ CFPTR0	✓	✓	✓	✓	✓
F05E7H		RPGACC51H/ CFPTR0H		✓	✓	✓	✓	✓
F05E8H	CAN RAM test register 52 / CAN transmit/receive FIFO access register 0CL	RPGACC52L/ CFDF00L	RPGACC52/ CFDF00	✓	✓	✓	✓	✓
F05E9H		RPGACC52H/ CFDF00H		✓	✓	✓	✓	✓
F05EAH	CAN RAM test register 53 / CAN transmit/receive FIFO access register 0CH	RPGACC53L/ CFDF10L	RPGACC53/ CFDF10	✓	✓	✓	✓	✓
F05EBH		RPGACC53H/ CFDF10H		✓	✓	✓	✓	✓
F05ECH	CAN RAM test register 54 / CAN transmit/receive FIFO access register 0DL	RPGACC54L/ CFDF20L	RPGACC54/ CFDF20	✓	✓	✓	✓	✓
F05EDH		RPGACC54H/ CFDF20H		✓	✓	✓	✓	✓
F05EEH	CAN RAM test register 55 / CAN transmit/receive FIFO access register 0DH	RPGACC55L/ CFDF30L	RPGACC55/ CFDF30	✓	✓	✓	✓	✓
F05EFH		RPGACC55H/ CFDF30H		✓	✓	✓	✓	✓
F05F0H	CAN RAM test register 56	RPGACC56L	RPGACC56	✓	✓	✓	✓	✓
F05F1H		RPGACC56H		✓	✓	✓	✓	✓
F05F2H	CAN RAM test register 57	RPGACC57L	RPGACC57	✓	✓	✓	✓	✓
F05F3H		RPGACC57H		✓	✓	✓	✓	✓
F05F4H	CAN RAM test register 58	RPGACC58L	RPGACC58	✓	✓	✓	✓	✓
F05F5H		RPGACC58H		✓	✓	✓	✓	✓
F05F6H	CAN RAM test register 59	RPGACC59L	RPGACC59	✓	✓	✓	✓	✓
F05F7H		RPGACC59H		✓	✓	✓	✓	✓

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Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (23/29)

Address	Special function register (SFR) name	Symbol		80-pin	64-pin	48-pin	32-pin	30-pin
				Pin count				
F05F8H	CAN RAM test register 60	RPGACC60L	RPGACC60	✓	✓	✓	✓	✓
F05F9H		RPGACC60H		✓	✓	✓	✓	✓
F05FAH	CAN RAM test register 61	RPGACC61L	RPGACC61	✓	✓	✓	✓	✓
F05FBH		RPGACC61H		✓	✓	✓	✓	✓
F05FCH	CAN RAM test register 62	RPGACC62L	RPGACC62	✓	✓	✓	✓	✓
F05FDH		RPGACC62H		✓	✓	✓	✓	✓
F05FEH	CAN RAM test register 63	RPGACC63L	RPGACC63	✓	✓	✓	✓	✓
F05FFH		RPGACC63H		✓	✓	✓	✓	✓
F0600H	CAN RAM test register 64 / CAN transmit buffer register 0AL	RPGACC64L/ TMIDL0L	RPGACC64/ TMIDL0	✓	✓	✓	✓	✓
F0601H		RPGACC64H/ TMIDL0H		✓	✓	✓	✓	✓
F0602H	CAN RAM test register 65 / CAN transmit buffer register 0AH	RPGACC65L/ TMIDH0L	RPGACC65/ TMIDH0	✓	✓	✓	✓	✓
F0603H		RPGACC65H/ TMIDH0H		✓	✓	✓	✓	✓
F0604H	CAN RAM test register 66	RPGACC66L	RPGACC66	✓	✓	✓	✓	✓
F0605H		RPGACC66H		✓	✓	✓	✓	✓
F0606H	CAN RAM test register 67 / CAN transmit buffer register 0BH	RPGACC67L/ TMPTR0L	RPGACC67/ TMPTR0	✓	✓	✓	✓	✓
F0607H		RPGACC67H/ TMPTR0H		✓	✓	✓	✓	✓
F0608H	CAN RAM test register 68 / CAN transmit buffer register 0CL	RPGACC68L/ TMDF00L	RPGACC68/ TMDF00	✓	✓	✓	✓	✓
F0609H		RPGACC68H/ TMDF00H		✓	✓	✓	✓	✓
F060AH	CAN RAM test register 69 / CAN transmit buffer register 0CH	RPGACC69L/ TMDF10L	RPGACC69/ TMDF10	✓	✓	✓	✓	✓
F060BH		RPGACC69H/ TMDF10H		✓	✓	✓	✓	✓
F060CH	CAN RAM test register 70 / CAN transmit buffer register 0DL	RPGACC70L/ TMDF20L	RPGACC70/ TMDF20	✓	✓	✓	✓	✓
F060DH		RPGACC70H/ TMDF20H		✓	✓	✓	✓	✓
F060EH	CAN RAM test register 71 / CAN transmit buffer register 0DH	RPGACC71L/ TMDF30L	RPGACC71/ TMDF30	✓	✓	✓	✓	✓
F060FH		RPGACC71H/ TMDF30H		✓	✓	✓	✓	✓
F0610H	CAN RAM test register 72 / CAN transmit buffer register 1AL	RPGACC72L/ TMIDL1L	RPGACC72/ TMIDL1	✓	✓	✓	✓	✓
F0611H		RPGACC72H/ TMIDL1H		✓	✓	✓	✓	✓
F0612H	CAN RAM test register 73 / CAN transmit buffer register 1AH	RPGACC73L/ TMIDH1L	RPGACC73/ TMIDH1	✓	✓	✓	✓	✓
F0613H		RPGACC73H/ TMIDH1H		✓	✓	✓	✓	✓
F0614H	CAN RAM test register 74	RPGACC74L	RPGACC74	✓	✓	✓	✓	✓
F0615H		RPGACC74H		✓	✓	✓	✓	✓

Table 3-3 List of extended SFRs (2ⁿᵈ SFR) of Group D of RL78/F14 (24/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0616H	CAN RAM test register 75 / CAN transmit buffer register 1BH	RPGACC75L/ TMPTR1L	RPGACC75/ TMPTR1	✓	✓	✓	✓	✓
F0617H		RPGACC75H/ TMPTR1H		✓	✓	✓	✓	✓
F0618H	CAN RAM test register 76 / CAN transmit buffer register 1CL	RPGACC76L/ TMDF01L	RPGACC76/ TMDF01	✓	✓	✓	✓	✓
F0619H		RPGACC76H/ TMDF01H		✓	✓	✓	✓	✓
F061AH	CAN RAM test register 77 / CAN transmit buffer register 1CH	RPGACC77L/ TMDF11L	RPGACC77/ TMDF11	✓	✓	✓	✓	✓
F061BH		RPGACC77H/ TMDF11H		✓	✓	✓	✓	✓
F061CH	CAN RAM test register 78 / CAN transmit buffer register 1DL	RPGACC78L/ TMDF21L	RPGACC78/ TMDF21	✓	✓	✓	✓	✓
F061DH		RPGACC78H/ TMDF21H		✓	✓	✓	✓	✓
F061EH	CAN RAM test register 79 / CAN transmit buffer register 1DH	RPGACC79L/ TMDF31L	RPGACC79/ TMDF31	✓	✓	✓	✓	✓
F061FH		RPGACC79H/ TMDF31H		✓	✓	✓	✓	✓
F0620H	CAN RAM test register 80 / CAN transmit buffer register 2AL	RPGACC80L/ TMIDL2L	RPGACC80/ TMIDL2	✓	✓	✓	✓	✓
F0621H		RPGACC80H/ TMIDL2H		✓	✓	✓	✓	✓
F0622H	CAN RAM test register 81 / CAN transmit buffer register 2AH	RPGACC81L/ TMIDH2L	RPGACC81/ TMIDH2	✓	✓	✓	✓	✓
F0623H		RPGACC81H/ TMIDH2H		✓	✓	✓	✓	✓
F0624H	CAN RAM test register 82	RPGACC82L	RPGACC82	✓	✓	✓	✓	✓
F0625H		RPGACC82H		✓	✓	✓	✓	✓
F0626H	CAN RAM test register 83 / CAN transmit buffer register 2BH	RPGACC83L/ TMPTR2L	RPGACC83/ TMPTR2	✓	✓	✓	✓	✓
F0627H		RPGACC83H/ TMPTR2H		✓	✓	✓	✓	✓
F0628H	CAN RAM test register 84 / CAN transmit buffer register 2CL	RPGACC84L/ TMDF02L	RPGACC84/ TMDF02	✓	✓	✓	✓	✓
F0629H		RPGACC84H/ TMDF02H		✓	✓	✓	✓	✓
F062AH	CAN RAM test register 85 / CAN transmit buffer register 2CH	RPGACC85L/ TMDF12L	RPGACC85/ TMDF12	✓	✓	✓	✓	✓
F062BH		RPGACC85H/ TMDF12H		✓	✓	✓	✓	✓
F062CH	CAN RAM test register 86 / CAN transmit buffer register 2DL	RPGACC86L/ TMDF22L	RPGACC86/ TMDF22	✓	✓	✓	✓	✓
F062DH		RPGACC86H/ TMDF22H		✓	✓	✓	✓	✓
F062EH	CAN RAM test register 87 / CAN transmit buffer register 2DH	RPGACC87L/ TMDF32L	RPGACC87/ TMDF32	✓	✓	✓	✓	✓
F062FH		RPGACC87H/ TMDF32H		✓	✓	✓	✓	✓

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (25/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0630H	CAN RAM test register 88 / CAN transmit buffer register 3AL	RPGACC88L/ TMIDL3L	RPGACC88/ TMIDL3	✓	✓	✓	✓	✓
F0631H		RPGACC88H/ TMIDL3H		✓	✓	✓	✓	✓
F0632H	CAN RAM test register 89 / CAN transmit buffer register 3AH	RPGACC89L/ TMIDH3L	RPGACC89/ TMIDH3	✓	✓	✓	✓	✓
F0633H		RPGACC89H/ TMIDH3H		✓	✓	✓	✓	✓
F0634H	CAN RAM test register 90	RPGACC90L	RPGACC90	✓	✓	✓	✓	✓
F0635H		RPGACC90H		✓	✓	✓	✓	✓
F0636H	CAN RAM test register 91 / CAN transmit buffer register 3BH	RPGACC91L/ TMPTR3L	RPGACC91/ TMPTR3	✓	✓	✓	✓	✓
F0637H		RPGACC91H/ TMPTR3H		✓	✓	✓	✓	✓
F0638H	CAN RAM test register 92 / CAN transmit buffer register 3CL	RPGACC92L/ TMDF03L	RPGACC92/ TMDF03	✓	✓	✓	✓	✓
F0639H		RPGACC92H/ TMDF03H		✓	✓	✓	✓	✓
F063AH	CAN RAM test register 93 / CAN transmit buffer register 3CH	RPGACC93L/ TMDF13L	RPGACC93/ TMDF13	✓	✓	✓	✓	✓
F063BH		RPGACC93H/ TMDF13H		✓	✓	✓	✓	✓
F063CH	CAN RAM test register 94 / CAN transmit buffer register 3DL	RPGACC94L/ TMDF23L	RPGACC94/ TMDF23	✓	✓	✓	✓	✓
F063DH		RPGACC94H/ TMDF23H		✓	✓	✓	✓	✓
F063EH	CAN RAM test register 95 / CAN transmit buffer register 3DH	RPGACC95L/ TMDF33L	RPGACC95/ TMDF33	✓	✓	✓	✓	✓
F063FH		RPGACC95H/ TMDF33H		✓	✓	✓	✓	✓
F0640H	CAN RAM test register 96	RPGACC96L	RPGACC96	✓	✓	✓	✓	✓
F0641H		RPGACC96H		✓	✓	✓	✓	✓
F0642H	CAN RAM test register 97	RPGACC97L	RPGACC97	✓	✓	✓	✓	✓
F0643H		RPGACC97H		✓	✓	✓	✓	✓
F0644H	CAN RAM test register 98	RPGACC98L	RPGACC98	✓	✓	✓	✓	✓
F0645H		RPGACC98H		✓	✓	✓	✓	✓
F0646H	CAN RAM test register 99	RPGACC99L	RPGACC99	✓	✓	✓	✓	✓
F0647H		RPGACC99H		✓	✓	✓	✓	✓
F0648H	CAN RAM test register 100	RPGACC100L	RPGACC100	✓	✓	✓	✓	✓
F0649H		RPGACC100H		✓	✓	✓	✓	✓
F064AH	CAN RAM test register 101	RPGACC101L	RPGACC101	✓	✓	✓	✓	✓
F064BH		RPGACC101H		✓	✓	✓	✓	✓
F064CH	CAN RAM test register 102	RPGACC102L	RPGACC102	✓	✓	✓	✓	✓
F064DH		RPGACC102H		✓	✓	✓	✓	✓
F064EH	CAN RAM test register 103	RPGACC103L	RPGACC103	✓	✓	✓	✓	✓
F064FH		RPGACC103H		✓	✓	✓	✓	✓
F0650H	CAN RAM test register 104	RPGACC104L	RPGACC104	✓	✓	✓	✓	✓
F0651H		RPGACC104H		✓	✓	✓	✓	✓
F0652H	CAN RAM test register 105	RPGACC105L	RPGACC105	✓	✓	✓	✓	✓
F0653H		RPGACC105H		✓	✓	✓	✓	✓

RENESAS

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (26/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F0654H	CAN RAM test register 106	RPGACC106L	RPGACC106	✓	✓	✓	✓	✓
F0655H		RPGACC106H		✓	✓	✓	✓	✓
F0656H	CAN RAM test register 107	RPGACC107L	RPGACC107	✓	✓	✓	✓	✓
F0657H		RPGACC107H		✓	✓	✓	✓	✓
F0658H	CAN RAM test register 108	RPGACC108L	RPGACC108	✓	✓	✓	✓	✓
F0659H		RPGACC108H		✓	✓	✓	✓	✓
F065AH	CAN RAM test register 109	RPGACC109L	RPGACC109	✓	✓	✓	✓	✓
F065BH		RPGACC109H		✓	✓	✓	✓	✓
F065CH	CAN RAM test register 110	RPGACC110L	RPGACC110	✓	✓	✓	✓	✓
F065DH		RPGACC110H		✓	✓	✓	✓	✓
F065EH	CAN RAM test register 111	RPGACC111L	RPGACC111	✓	✓	✓	✓	✓
F065FH		RPGACC111H		✓	✓	✓	✓	✓
F0660H	CAN RAM test register 112	RPGACC112L	RPGACC112	✓	✓	✓	✓	✓
F0661H		RPGACC112H		✓	✓	✓	✓	✓
F0662H	CAN RAM test register 113	RPGACC113L	RPGACC113	✓	✓	✓	✓	✓
F0663H		RPGACC113H		✓	✓	✓	✓	✓
F0664H	CAN RAM test register 114	RPGACC114L	RPGACC114	✓	✓	✓	✓	✓
F0665H		RPGACC114H		✓	✓	✓	✓	✓
F0666H	CAN RAM test register 115	RPGACC115L	RPGACC115	✓	✓	✓	✓	✓
F0667H		RPGACC115H		✓	✓	✓	✓	✓
F0668H	CAN RAM test register 116	RPGACC116L	RPGACC116	✓	✓	✓	✓	✓
F0669H		RPGACC116H		✓	✓	✓	✓	✓
F066AH	CAN RAM test register 117	RPGACC117L	RPGACC117	✓	✓	✓	✓	✓
F066BH		RPGACC117H		✓	✓	✓	✓	✓
F066CH	CAN RAM test register 118	RPGACC118L	RPGACC118	✓	✓	✓	✓	✓
F066DH		RPGACC118H		✓	✓	✓	✓	✓
F066EH	CAN RAM test register 119	RPGACC119L	RPGACC119	✓	✓	✓	✓	✓
F066FH		RPGACC119H		✓	✓	✓	✓	✓
F0670H	CAN RAM test register 120	RPGACC120L	RPGACC120	✓	✓	✓	✓	✓
F0671H		RPGACC120H		✓	✓	✓	✓	✓
F0672H	CAN RAM test register 121	RPGACC121L	RPGACC121	✓	✓	✓	✓	✓
F0673H		RPGACC121H		✓	✓	✓	✓	✓
F0674H	CAN RAM test register 122	RPGACC122L	RPGACC122	✓	✓	✓	✓	✓
F0675H		RPGACC122H		✓	✓	✓	✓	✓
F0676H	CAN RAM test register 123	RPGACC123L	RPGACC123	✓	✓	✓	✓	✓
F0677H		RPGACC123H		✓	✓	✓	✓	✓
F0678H	CAN RAM test register 124	RPGACC124L	RPGACC124	✓	✓	✓	✓	✓
F0679H		RPGACC124H		✓	✓	✓	✓	✓
F067AH	CAN RAM test register 125	RPGACC125L	RPGACC125	✓	✓	✓	✓	✓
F067BH		RPGACC125H		✓	✓	✓	✓	✓
F067CH	CAN RAM test register 126	RPGACC126L	RPGACC126	✓	✓	✓	✓	✓
F067DH		RPGACC126H		✓	✓	✓	✓	✓
F067EH	CAN RAM test register 127	RPGACC127L	RPGACC127	✓	✓	✓	✓	✓
F067FH		RPGACC127H		✓	✓	✓	✓	✓
F0680H	CAN0 transmit history buffer access	THLACC0L	THLACC0	✓	✓	✓	✓	✓
F0681H	register	THLACC0H		✓	✓	✓	✓	✓
F06C1H	LIN wakeup baud rate select register	LWBR0		✓	✓	✓	✓	✓
		LWBR1						

Table 3-3 List of extended SFRs (2ⁿᵈ SFR) of Group D of RL78/F14 (27/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F06C2H	LIN/UART baud rate prescaler 0 register	LBRP00	LBRP0/	✓	✓	✓	✓	✓
		LBRP10	LBRP1					
F06C3H	LIN/UART baud rate prescaler 1 register	LBRP01		✓	✓	✓	✓	✓
		LBRP11						
F06C4H	LIN self-test control register	LSTC0		✓	✓	✓	✓	✓
		LSTC1						
F06C5H	UART standby control register	LUSC0		✓	✓	✓	✓	✓
		LUSC1						
F06C8H	LIN/UART mode register	LMD0		✓	✓	✓	✓	✓
		LMD1						
F06C9H	LIN break field configuration register / UART configuration register	LBFC0		✓	✓	✓	✓	✓
		LBFC1						
F06CAH	LIN/UART space configuration register	LSC0		✓	✓	✓	✓	✓
		LSC1						
F06CBH	LIN wakeup configuration register	LWUP0		✓	✓	✓	✓	✓
		LWUP1						
F06CCH	LIN interrupt enable register	LIE0		✓	✓	✓	✓	✓
		LIE1						
F06CDH	LIN/UART error detection enable register	LEDE0		✓	✓	✓	✓	✓
		LEDE1						
F06CEH	LIN/UART control register	LCUC0		✓	✓	✓	✓	✓
		LCUC1						
F06D0H	LIN/UART transmit control register	LTRC0		✓	✓	✓	✓	✓
		LTRC1						
F06D1H	LIN/UART mode status register	LMST0		✓	✓	✓	✓	✓
		LMST1						
F06D2H	LIN/UART status register	LST0		✓	✓	✓	✓	✓
		LST1						
F06D3H	LIN/UART error status register	LEST0		✓	✓	✓	✓	✓
		LEST1						
F06D4H	LIN/UART data field configuration register	LDFC0		✓	✓	✓	✓	✓
		LDFC1						
F06D5H	LIN/UART ID buffer register	LIDB0		✓	✓	✓	✓	✓
		LIDB1						
F06D6H	LIN checksum buffer register	LCBR0		✓	✓	✓	✓	✓
		LCBR1						
F06D7H	UART data buffer 0 register	LUDB00		✓	✓	✓	✓	✓
		LUDB10						
F06D8H	LIN/UART data buffer 1 register	LDB01		✓	✓	✓	✓	✓
		LDB11						
F06D9H	LIN/UART data buffer 2 register	LDB02		✓	✓	✓	✓	✓
		LDB12						
F06DAH	LIN/UART data buffer 3 register	LDB03		✓	✓	✓	✓	✓
		LDB13						
F06DBH	LIN/UART data buffer 4 register	LDB04		✓	✓	✓	✓	✓
		LDB14						
F06DCH	LIN/UART data buffer 5 register	LDB05		✓	✓	✓	✓	✓
		LDB15						

RENESAS

Table 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (28/29)

Address	Special function register (SFR) name	Symbol		Pin count				
				80-pin	64-pin	48-pin	32-pin	30-pin
F06DDH	LIN/UART data buffer 6 register	LDB06		✓	✓	✓	✓	✓
		LDB16						
F06DEH	LIN/UART data buffer 7 register	LDB07		✓	✓	✓	✓	✓
		LDB17						
F06DFH	LIN/UART data buffer 8 register	LDB08		✓	✓	✓	✓	✓
		LDB18						
F06E0H	UART operation enable register	LUOER0		✓	✓	✓	✓	✓
		LUOER1						
F06E1H	UART option register 1	LUOR01		✓	✓	✓	✓	✓
		LUOR11						
F06E4H	UART transmission data register	LUTDR0L	LUTDR0/	✓	✓	✓	✓	✓
		LUTDR1L	LUTDR1					
F06E5H		LUTDR0H		✓	✓	✓	✓	✓
		LUTDR1H						
F06E6H	UART receive data register	LURDR0L	LURDR0/	✓	✓	✓	✓	✓
		LURDR1L	LURDR1					
F06E7H		LURDR0H		✓	✓	✓	✓	✓
		LURDR1H						
F06E8H	UART wait transmit data register	LUWTDR0L	LUWTDR0/	✓	✓	✓	✓	✓
		LUWTDR1L	LUWTDR1					
F06E9H		LUWTDR0H		✓	✓	✓	✓	✓
		LUWTDR1H						
F06F0H	Timer RJ counter register 0	TRJ0		✓	✓	✓	✓	✓
F06F1H								
F0780H	Event output destination select register 00	ELSELR00		✓	✓	✓	✓	✓
F0781H	Event output destination select register 01	ELSELR01		✓	✓	✓	✓	✓
F0782H	Event output destination select register 02	ELSELR02		✓	✓	✓	✓	✓
F0783H	Event output destination select register 03	ELSELR03		✓	✓	✓	✓	✓
F0784H	Event output destination select register 04	ELSELR04		✓	✓	✓	✓	✓
F0785H	Event output destination select register 05	ELSELR05		✓	✓	✓	✓	✓
F0786H	Event output destination select register 06	ELSELR06		✓	✓	✓	✓	✓
F0787H	Event output destination select register 07	ELSELR07		✓	✓	✓	✓	✓
F0788H	Event output destination select register 08	ELSELR08		✓	✓	✓	✓	✓
F0789H	Event output destination select register 09	ELSELR09		✓	✓	✓	✓	✓
	A/D converter trigger select register 0	ADTRGS0						
F078AH	Event output destination select register 10	ELSELR10		✓	✓	✓	✓	✓
F078BH	Event output destination select register 11	ELSELR11		✓	✓	✓	✓	✓
F078CH	Event output destination select register 12	ELSELR12		✓	✓	✓	✓	✓
F078DH	Event output destination select register 13	ELSELR13		✓	✓	✓	✓	✓
	A/D converter trigger select register 1	ADTRGS1						
F078EH	Event output destination select register 14	ELSELR14		✓	✓	✓	✓	✓
F078FH	Event output destination select register 15	ELSELR15		✓	✓	✓	✓	✓
F0790H	Event output destination select register 16	ELSELR16		✓	✓	✓	✓	✓
F0791H	Event output destination select register 17	ELSELR17		✓	✓	✓	✓	✓
F0792H	Event output destination select register 18	ELSELR18		✓	✓	✓	✓	✓
F0793H	Event output destination select register 19	ELSELR19		✓	✓	✓	✓	✓
F0794H	Event output destination select register 20	ELSELR20						
F0795H	Event output destination select register 21	ELSELR21						
F0796H	Event output destination select register 22	ELSELR22						
F0797H	Event output destination select register 23	ELSELR23						

RENESAS

Table 3-3 List of extended SFRs (2ⁿᵈ SFR) of Group D of RL78/F14 (29/29)

Address	Special function register (SFR) name	Symbol	Pin count				
			80-pin	64-pin	48-pin	32-pin	30-pin
F0798H	Event output destination select register 24	ELSELR24					
F0799H	Event output destination select register 25	ELSELR25					

3.2   SFRs for Group E products of RL78/F14

Table 3.4 lists the Group E products of RL78/F14.

Table 3.4 List of SFRs of Group E of RL78/F14

Code Flash	Data Flash	RAM	Pin count					
			100-pin	80-pin	64-pin	48-pin	32-pin	30-pin
48KB	4KB	4KB	-	-	-	R5F10PGD	R5F10PBD	R5F10PAD
64KB		6KB	R5F10PPE	R5F10PME	R5F10PLE	R5F10PGE	R5F10PBE	R5F10PAE
96KB		8KB	R5F10PPF	R5F10PMF	R5F10PLF	R5F10PGF	-	-
128KB	8KB	10KB	R5F10PPG	R5F10PMG	R5F10PLG	R5F10PGG	-	-
192KB		16KB	R5F10PPH	R5F10PMH	R5F10PLH	R5F10PGH	-	-
256KB		20KB	R5F10PPJ	R5F10PMJ	R5F10PLJ	R5F10PGJ	-	-

The following **Table 3.5** and **Table 3.6** list the special function registers (SFRs) and the extended SFRs of the Group E products of RL78/F14.

Table 3.5 List of SFRs of Group E of RL78/F14 (1/4)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
FFF00H	Port register 0	P0		✓	✓	✓	✓
FFF01H	Port register 1	P1		✓	✓	✓	✓
FFF03H	Port register 3	P3		✓	✓	✓	✓
FFF04H	Port register 4	P4		✓	✓	✓	✓
FFF05H	Port register 5	P5		✓	✓	✓	
FFF06H	Port register 6	P6		✓	✓	✓	✓
FFF07H	Port register 7	P7		✓	✓	✓	✓
FFF08H	Port register 8	P8		✓	✓	✓	✓
FFF09H	Port register 9	P9		✓	✓	✓	✓
FFF0AH	Port register 10	P10		✓			
FFF0CH	Port register 12	P12		✓	✓	✓	✓
FFF0DH	Port register 13	P13		✓	✓	✓	✓
FFF0EH	Port register 14	P14		✓	✓	✓	✓
FFF0FH	Port register 15	P15		✓			
FFF10H	Serial data register 00	SDR00L	SDR00	✓	✓	✓	✓
FFF11H		-		✓	✓	✓	✓
FFF12H	Serial data register 01	SDR01L	SDR01	✓	✓	✓	✓
FFF13H		-		✓	✓	✓	✓
FFF18H	Timer data register 00	TDR00		✓	✓	✓	✓
FFF19H							
FFF1AH	Timer data register 01	TDR01L	TDR01	✓	✓	✓	✓
FFF1BH		TDR01H		✓	✓	✓	✓
FFF1EH	10-bit A/D conversion result register	-	ADCR	✓	✓	✓	✓
FFF1FH	8-bit A/D conversion result register	ADCRH		✓	✓	✓	✓
FFF20H	Port mode register 0	PM0		✓	✓	✓	✓
FFF21H	Port mode register 1	PM1		✓	✓	✓	✓
FFF23H	Port mode register 3	PM3		✓	✓	✓	✓
FFF24H	Port mode register 4	PM4		✓	✓	✓	✓
FFF25H	Port mode register 5	PM5		✓	✓	✓	
FFF26H	Port mode register 6	PM6		✓	✓	✓	✓
FFF27H	Port mode register 7	PM7		✓	✓	✓	✓
FFF28H	Port mode register 8	PM8		✓	✓	✓	✓
FFF29H	Port mode register 9	PM9		✓	✓	✓	✓
FFF2AH	Port mode register 10	PM10		✓			
FFF2CH	Port mode register 12	PM12		✓	✓	✓	✓
FFF2EH	Port mode register 14	PM14		✓	✓	✓	✓
FFF2FH	Port mode register 15	PM15		✓			
FFF30H	A/D converter mode register 0	ADM0		✓	✓	✓	✓
FFF31H	Analog input channel specification register	ADS		✓	✓	✓	✓
FFF32H	A/D converter mode register 1	ADM1		✓	✓	✓	✓
FFF34H	D/A conversion value setting register 0	DACS0		✓	✓	✓	✓
FFF36H	D/A converter mode register	DAM		✓	✓	✓	✓
FFF37H	Key return mode register	KRM		✓	✓	✓	✓
FFF38H	External interrupt rising edge enable register 0	EGP0		✓	✓	✓	✓
FFF39H	External interrupt falling edge enable register 0	EGN0		✓	✓	✓	✓
FFF3AH	External interrupt rising edge enable register 1	EGP1		✓	✓	✓	✓

Table 3-5 List of SFRs of Group E of RL78/F14 (2/4)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
FFF3BH	External interrupt falling edge enable register 1	EGN1		✓	✓	✓	✓
FFF48H	Serial data register 10	SDR10L	SDR10	✓	✓	✓	✓
FFF49H		-		✓	✓	✓	✓
FFF4AH	Serial data register 11	SDR11L	SDR11	✓	✓	✓	✓
FFF4BH		-		✓	✓	✓	✓
FFF50H	IICA shift register 0	IICA0		✓	✓	✓	✓
FFF51H	IICA status register 0	IICS0		✓	✓	✓	✓
FFF52H	IICA flag register 0	IICF0		✓	✓	✓	✓
FFF54H	16-bit watch error correction register	SUBCUDW		✓	✓	✓	✓
FFF55H							
FFF58H	Timer RD general register C0	TRDGRC0		✓	✓	✓	✓
FFF59H							
FFF5AH	Timer RD general register D0	TRDGRD0		✓	✓	✓	✓
FFF5BH							
FFF5CH	Timer RD general register C1	TRDGRC1		✓	✓	✓	✓
FFF5DH							
FFF5EH	Timer RD general register D1	TRDGRD1		✓	✓	✓	✓
FFF5FH							
FFF64H	Timer data register 02	TDR02		✓	✓	✓	✓
FFF65H							
FFF66H	Timer data register 03	TDR03L	TDR03	✓	✓	✓	✓
FFF67H		TDR03H		✓	✓	✓	✓
FFF68H	Timer data register 04	TDR04		✓	✓	✓	✓
FFF69H							
FFF6AH	Timer data register 05	TDR05		✓	✓	✓	✓
FFF6BH							
FFF6CH	Timer data register 06	TDR06		✓	✓	✓	✓
FFF6DH							
FFF6EH	Timer data register 07	TDR07		✓	✓	✓	✓
FFF6FH							
FFF70H	Timer data register 10	TDR10		✓	✓	✓	✓
FFF71H							
FFF72H	Timer data register 11	TDR11L	TDR11	✓	✓	✓	✓
FFF73H		TDR11H		✓	✓	✓	✓
FFF74H	Timer data register 12	TDR12		✓	✓	✓	✓
FFF75H							
FFF76H	Timer data register 13	TDR13L	TDR13	✓	✓	✓	✓
FFF77H		TDR13H		✓	✓	✓	✓
FFF78H	Timer data register 14	TDR14		✓	✓	✓	✓
FFF79H							
FFF7AH	Timer data register 15	TDR15		✓	✓	✓	✓
FFF7BH							
FFF7CH	Timer data register 16	TDR16		✓	✓	✓	✓
FFF7DH							
FFF7EH	Timer data register 17	TDR17		✓	✓	✓	✓
FFF7FH							
FFF92H	Second count register	SEC		✓	✓	✓	✓
FFF93H	Minute count register	MIN		✓	✓	✓	✓
FFF94H	Hour count register	HOUR		✓	✓	✓	✓

Table 3-5 List of SFRs of Group E of RL78/F14 (3/4)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
FFF95H	Week count register	WEEK		✓	✓	✓	✓
FFF96H	Day count register	DAY		✓	✓	✓	✓
FFF97H	Month count register	MONTH		✓	✓	✓	✓
FFF98H	Year count register	YEAR		✓	✓	✓	✓
FFF99H	Watch error correction register	SUBCUD		✓	✓	✓	✓
FFF9AH	Alarm minute register	ALARMWM		✓	✓	✓	✓
FFF9BH	Alarm hour register	ALARMWH		✓	✓	✓	✓
FFF9CH	Alarm week register	ALARMWW		✓	✓	✓	✓
FFF9DH	Real-time clock control register 0	RTCC0		✓	✓	✓	✓
FFF9EH	Real-time clock control register 1	RTCC1		✓	✓	✓	✓
FFFA0H	Clock operation mode control register	CMC		✓	✓	✓	✓
FFFA1H	Clock operation status control register	CSC		✓	✓	✓	✓
FFFA2H	Oscillation stabilization time counter status register	OSTC		✓	✓	✓	✓
FFFA3H	Oscillation stabilization time select register	OSTS		✓	✓	✓	✓
FFFA4H	System clock control register	CKC		✓	✓	✓	✓
FFFA5H	Clock output select register 0	CKS0		✓	✓	✓	✓
FFFA8H	Reset control flag register	RESF		✓	✓	✓	✓
FFFA9H	Voltage detection register	LVIM		✓	✓	✓	✓
FFFAAH	Voltage detection level register	LVIS		✓	✓	✓	✓
FFFABH	Watchdog timer enable register	WDTE		✓	✓	✓	✓
FFFACH	CRC input register	CRCIN		✓	✓	✓	✓
FFFD0H	Interrupt request flag register 2L	IF2L	IF2	✓	✓	✓	✓
FFFD1H	Interrupt request flag register 2H	IF2H		✓	✓	✓	✓
FFFD2H	Interrupt request flag register 3L	IF3L		✓	✓	✓	✓
FFFD4H	Interrupt mask flag register 2L	MK2L	MK2	✓	✓	✓	✓
FFFD5H	Interrupt mask flag register 2H	MK2H		✓	✓	✓	✓
FFFD6H	Interrupt mask flag register 3L	MK3L		✓	✓	✓	✓
FFFD8H	Priority specification flag register 02L	PR02L	PR02	✓	✓	✓	✓
FFFD9H	Priority specification flag register 02H	PR02H		✓	✓	✓	✓
FFFDAH	Priority specification flag register 03L	PR03L		✓	✓	✓	✓
FFFDCH	Priority specification flag register 12L	PR12L	PR12	✓	✓	✓	✓
FFFDDH	Priority specification flag register 12H	PR12H		✓	✓	✓	✓
FFFDEH	Priority specification flag register 13L	PR13L		✓	✓	✓	✓
FFFE0H	Interrupt request flag register 0L	IF0L	IF0	✓	✓	✓	✓
FFFE1H	Interrupt request flag register 0H	IF0H		✓	✓	✓	✓
FFFE2H	Interrupt request flag register 1L	IF1L	IF1	✓	✓	✓	✓
FFFE3H	Interrupt request flag register 1H	IF1H		✓	✓	✓	✓
FFFE4H	Interrupt mask flag register 0L	MK0L	MK0	✓	✓	✓	✓
FFFE5H	Interrupt mask flag register 0H	MK0H		✓	✓	✓	✓
FFFE6H	Interrupt mask flag register 1L	MK1L	MK1	✓	✓	✓	✓
FFFE7H	Interrupt mask flag register 1H	MK1H		✓	✓	✓	✓
FFFE8H	Priority specification flag register 00L	PR00L	PR00	✓	✓	✓	✓
FFFE9H	Priority specification flag register 00H	PR00H		✓	✓	✓	✓
FFFEAH	Priority specification flag register 01L	PR01L	PR01	✓	✓	✓	✓
FFFEBH	Priority specification flag register 01H	PR01H		✓	✓	✓	✓
FFFECH	Priority specification flag register 10L	PR10L	PR10	✓	✓	✓	✓
FFFEDH	Priority specification flag register 10H	PR10H		✓	✓	✓	✓

RENESAS

Table 3-5 List of SFRs of Group E of RL78/F14 (4/4)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
FFFEEH	Priority specification flag register 11L	PR11L	PR11	✓	✓	✓	✓
FFFEFH	Priority specification flag register 11H	PR11H		✓	✓	✓	✓
FFFF0H	Multiply and accumulation register (L)	MACRL		✓	✓	✓	✓
FFFF1H							
FFFF2H	Multiply and accumulation register (H)	MACRH		✓	✓	✓	✓
FFFF3H							
FFFFEH	Processor mode control register	PMC		✓	✓	✓	✓

Table 3.6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (1/29)

Address	Special function register (SFR) name	Symbol	Pin count			
			100-pin	80-pin	64-pin	48-pin
F0010H	A/D converter mode register 2	ADM2	✓	✓	✓	✓
F0011H	Conversion result comparison upper limit setting register	ADUL	✓	✓	✓	✓
F0012H	Conversion result comparison lower limit setting register	ADLL	✓	✓	✓	✓
F0013H	A/D test register	ADTES	✓	✓	✓	✓
F0016H	Peripheral I/O redirection register 0	PIOR0	✓	✓	✓	✓
F0017H	Peripheral I/O redirection register 1	PIOR1	✓	✓	✓	✓
F0018H	Peripheral I/O redirection register 2	PIOR2	✓	✓		
F0019H	Peripheral I/O redirection register 3	PIOR3	✓	✓		
F001AH	Peripheral I/O redirection register 4	PIOR4	✓	✓	✓	✓
F001BH	Peripheral I/O redirection register 5	PIOR5	✓	✓	✓	✓
F001CH	Peripheral I/O redirection register 6	PIOR6	✓	✓		
F001DH	Peripheral I/O redirection register 7	PIOR7	✓	✓	✓	✓
F001EH	Peripheral I/O redirection register 8	PIOR8	✓			
F0021H	Port input threshold control register 1	PITHL1	✓	✓	✓	✓
F0023H	Port input threshold control register 3	PITHL3	✓	✓	✓	✓
F0024H	Port input threshold control register 4	PITHL4	✓	✓	✓	
F0025H	Port input threshold control register 5	PITHL5	✓	✓	✓	
F0026H	Port input threshold control register 6	PITHL6	✓	✓	✓	✓
F0027H	Port input threshold control register 7	PITHL7	✓	✓	✓	✓
F002AH	Port input threshold control register 10	PITHL10	✓			
F002CH	Port input threshold control register 12	PITHL12	✓	✓	✓	✓
F002FH	Port input threshold control register 15	PITHL15	✓			
F0030H	Pull-up resistor option register 0	PU0	✓	✓	✓	✓
F0031H	Pull-up resistor option register 1	PU1	✓	✓	✓	✓
F0033H	Pull-up resistor option register 3	PU3	✓	✓	✓	✓
F0034H	Pull-up resistor option register 4	PU4	✓	✓	✓	✓
F0035H	Pull-up resistor option register 5	PU5	✓	✓	✓	
F0036H	Pull-up resistor option register 6	PU6	✓	✓	✓	✓
F0037H	Pull-up resistor option register 7	PU7	✓	✓	✓	✓
F0039H	Pull-up resistor option register 9	PU9				
F003AH	Pull-up resistor option register 10	PU10	✓			
F003CH	Pull-up resistor option register 12	PU12	✓	✓	✓	✓
F003EH	Pull-up resistor option register 14	PU14	✓	✓	✓	✓
F003FH	Pull-up resistor option register 15	PU15	✓			
F0041H	Port input mode register 1	PIM1	✓	✓	✓	✓
F0043H	Port input mode register 3	PIM3	✓	✓	✓	✓
F0045H	Port input mode register 5	PIM5	✓	✓		
F0046H	Port input mode register 6	PIM6	✓	✓	✓	✓
F0047H	Port input mode register 7	PIM7	✓	✓	✓	✓
F004CH	Port input mode register 12	PIM12	✓	✓	✓	✓
F0051H	Port output mode register 1	POM1	✓	✓	✓	✓
F0056H	Port output mode register 6	POM6	✓	✓	✓	✓
F0057H	Port output mode register 7	POM7	✓	✓	✓	✓
F005CH	Port output mode register 12	POM12	✓	✓	✓	✓
F0067H	Port mode control register 7	PMC7	✓	✓	✓	✓
F0069H	Port mode control register 9	PMC9				
F006CH	Port mode control register 12	PMC12	✓	✓	✓	✓
F0070H	Noise filter enable register 0	NFEN0	✓	✓	✓	✓
F0071H	Noise filter enable register 1	NFEN1	✓	✓	✓	✓

RENESAS

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (2/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F0072H	Noise filter enable register 2	NFEN2		✓	✓	✓	✓
F0073H	Input switch control register	ISC		✓	✓	✓	✓
F0074H	Timer input select register 0	TIS0		✓	✓	✓	✓
F0075H	Timer input select register 1	TIS1		✓	✓	✓	✓
F0076H	A/D port configuration register	ADPC		✓	✓	✓	✓
F0077H	Port mode select register	PMS		✓	✓	✓	✓
F0078H	Invalid memory access detection control register	IAWCTL		✓	✓	✓	✓
F0079H	Interrupt source determination flag register 0	INTFLG0		✓	✓	✓	✓
F007AH	Timer input select register 2	TIS2		✓	✓	✓	✓
F007BH	LIN channel select register	LCHSEL		✓	✓	✓	✓
F007CH	Interrupt mask register	INTMSK		✓	✓	✓	✓
F0090H	Data flash control register	DFLCTL		✓	✓	✓	✓
F00A0H	High-speed on-chip oscillator trimming register	HIOTRM		✓	✓	✓	✓
F00A8H	High-speed on-chip oscillator frequency select register	HOCODIV		✓	✓	✓	✓
F00D8H	SPM control register	SPMCTRL		✓	✓	✓	✓
F00DAH	SP overflow address setting register	SPOFR		✓	✓	✓	✓
F00DBH							
F00DCH	SP underflow address setting register	SPUFR		✓	✓	✓	✓
F00DDH							
F00F0H	Peripheral enable register 0	PER0		✓	✓	✓	✓
F00F3H	Operation speed mode control register	OSMC		✓	✓	✓	✓
F00FEH	BCD correction result register	BCDADJ		✓	✓	✓	✓
F0100H	Serial status register 00	SSR00L	SSR00	✓	✓	✓	✓
F0101H		-		✓	✓	✓	✓
F0102H	Serial status register 01	SSR01L	SSR01	✓	✓	✓	✓
F0103H		-		✓	✓	✓	✓
F0104H	Serial flag clear trigger register 00	SIR00L	SIR00	✓	✓	✓	✓
F0105H		-		✓	✓	✓	✓
F0106H	Serial flag clear trigger register 01	SIR01L	SIR01	✓	✓	✓	✓
F0107H		-		✓	✓	✓	✓
F0108H	Serial mode register 00	SMR00		✓	✓	✓	✓
F0109H							
F010AH	Serial mode register 01	SMR01		✓	✓	✓	✓
F010BH							
F010CH	Serial communication operation setting register 00	SCR00		✓	✓	✓	✓
F010DH							
F010EH	Serial communication operation setting register 01	SCR01		✓	✓	✓	✓
F010FH							
F0110H	Serial channel enable status register 0	SE0L	SE0	✓	✓	✓	✓
F0111H		-		✓	✓	✓	✓
F0112H	Serial channel start register 0	SS0L	SS0	✓	✓	✓	✓
F0113H		-		✓	✓	✓	✓
F0114H	Serial channel stop register 0	ST0L	ST0	✓	✓	✓	✓
F0115H		-		✓	✓	✓	✓
F0116H	Serial clock select register 0	SPS0L	SPS0	✓	✓	✓	✓
F0117H		-		✓	✓	✓	✓

RENESAS

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (3/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F0118H	Serial output register 0	SO0		✓	✓	✓	✓
F0119H							
F011AH	Serial output enable register 0	SOE0L	SOE0	✓	✓	✓	✓
F011BH		-		✓	✓	✓	✓
F0120H	Serial output level register 0	SOL0L	SOL0	✓	✓	✓	✓
F0121H		-		✓	✓	✓	✓
F0122H	Serial slave select enable register 0	SSE0L	SSE0	✓	✓	✓	✓
F0123H		-		✓	✓	✓	✓
F0140H	Serial status register 10	SSR10L	SSR10	✓	✓	✓	✓
F0141H		-		✓	✓	✓	✓
F0142H	Serial status register 11	SSR11L	SSR11	✓	✓	✓	✓
F0143H		-		✓	✓	✓	✓
F0144H	Serial flag clear trigger register 10	SIR10L	SIR10	✓	✓	✓	✓
F0145H		-		✓	✓	✓	✓
F0146H	Serial flag clear trigger register 11	SIR11L	SIR11	✓	✓	✓	✓
F0147H		-		✓	✓	✓	✓
F0148H	Serial mode register 10	SMR10		✓	✓	✓	✓
F0149H							
F014AH	Serial mode register 11	SMR11		✓	✓	✓	✓
F014BH							
F014CH	Serial communication operation setting register 10	SCR10		✓	✓	✓	✓
F014DH							
F014EH	Serial communication operation setting register 11	SCR11		✓	✓	✓	✓
F014FH							
F0150H	Serial channel enable status register 1	SE1L	SE1	✓	✓	✓	✓
F0151H		-		✓	✓	✓	✓
F0152H	Serial channel start register 1	SS1L	SS1	✓	✓	✓	✓
F0153H		-		✓	✓	✓	✓
F0154H	Serial channel stop register 1	ST1L	ST1	✓	✓	✓	✓
F0155H		-		✓	✓	✓	✓
F0156H	Serial clock select register 1	SPS1L	SPS1	✓	✓	✓	✓
F0157H		-		✓	✓	✓	✓
F0158H	Serial output register 1	SO1		✓	✓	✓	✓
F0159H							
F015AH	Serial output enable register 1	SOE1L	SOE1	✓	✓	✓	✓
F015BH		-		✓	✓	✓	✓
F0160H	Serial output level register 1	SOL1L	SOL1	✓	✓	✓	✓
F0161H		-		✓	✓	✓	✓
F0162H	Serial slave select enable register 1	SSE1L	SSE1	✓	✓	✓	✓
F0163H		-		✓	✓	✓	✓
F0180H	Timer counter register 00	TCR00		✓	✓	✓	✓
F0181H							
F0182H	Timer counter register 01	TCR01		✓	✓	✓	✓
F0183H							
F0184H	Timer counter register 02	TCR02		✓	✓	✓	✓
F0185H							
F0186H	Timer counter register 03	TCR03		✓	✓	✓	✓
F0187H							
F0188H	Timer counter register 04	TCR04		✓	✓	✓	✓
F0189H							

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (4/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F018AH	Timer counter register 05	TCR05		✓	✓	✓	✓
F018BH							
F018CH	Timer counter register 06	TCR06		✓	✓	✓	✓
F018DH							
F018EH	Timer counter register 07	TCR07		✓	✓	✓	✓
F018FH							
F0190H	Timer mode register 00	TMR00		✓	✓	✓	✓
F0191H							
F0192H	Timer mode register 01	TMR01		✓	✓	✓	✓
F0193H							
F0194H	Timer mode register 02	TMR02		✓	✓	✓	✓
F0195H							
F0196H	Timer mode register 03	TMR03		✓	✓	✓	✓
F0197H							
F0198H	Timer mode register 04	TMR04		✓	✓	✓	✓
F0199H							
F019AH	Timer mode register 05	TMR05		✓	✓	✓	✓
F019BH							
F019CH	Timer mode register 06	TMR06		✓	✓	✓	✓
F019DH							
F019EH	Timer mode register 07	TMR07		✓	✓	✓	✓
F019FH							
F01A0H	Timer status register 00	TSR00L	TSR00	✓	✓	✓	✓
F01A1H		-		✓	✓	✓	✓
F01A2H	Timer status register 01	TSR01L	TSR01	✓	✓	✓	✓
F01A3H		-		✓	✓	✓	✓
F01A4H	Timer status register 02	TSR02L	TSR02	✓	✓	✓	✓
F01A5H		-		✓	✓	✓	✓
F01A6H	Timer status register 03	TSR03L	TSR03	✓	✓	✓	✓
F01A7H		-		✓	✓	✓	✓
F01A8H	Timer status register 04	TSR04L	TSR04	✓	✓	✓	✓
F01A9H		-		✓	✓	✓	✓
F01AAH	Timer status register 05	TSR05L	TSR05	✓	✓	✓	✓
F01ABH		-		✓	✓	✓	✓
F01ACH	Timer status register 06	TSR06L	TSR06	✓	✓	✓	✓
F01ADH		-		✓	✓	✓	✓
F01AEH	Timer status register 07	TSR07L	TSR07	✓	✓	✓	✓
F01AFH		-		✓	✓	✓	✓
F01B0H	Timer channel enable status register 0	TE0L	TE0	✓	✓	✓	✓
F01B1H		-		✓	✓	✓	✓
F01B2H	Timer channel start register 0	TS0L	TS0	✓	✓	✓	✓
F01B3H		-		✓	✓	✓	✓
F01B4H	Timer channel stop register 0	TT0L	TT0	✓	✓	✓	✓
F01B5H		-		✓	✓	✓	✓
F01B6H	Timer clock select register 0	TPS0		✓	✓	✓	✓
F01B7H							
F01B8H	Timer output register 0	TO0L	TO0	✓	✓	✓	✓
F01B9H		-		✓	✓	✓	✓
F01BAH	Timer output enable register 0	TOE0L	TOE0	✓	✓	✓	✓
F01BBH		-		✓	✓	✓	✓

RENESAS

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (5/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F01BCH	Timer output level register 0	TOL0L	TOL0	✓	✓	✓	✓
F01BDH		-		✓	✓	✓	✓
F01BEH	Timer output mode register 0	TOM0L	TOM0	✓	✓	✓	✓
F01BFH		-		✓	✓	✓	✓
F01C0H	Timer counter register 10	TCR10		✓	✓	✓	✓
F01C1H							
F01C2H	Timer counter register 11	TCR11		✓	✓	✓	✓
F01C3H							
F01C4H	Timer counter register 12	TCR12		✓	✓	✓	✓
F01C5H							
F01C6H	Timer counter register 13	TCR13		✓	✓	✓	✓
F01C7H							
F01C8H	Timer counter register 14	TCR14		✓	✓	✓	✓
F01C9H							
F01CAH	Timer counter register 15	TCR15		✓	✓	✓	✓
F01CBH							
F01CCH	Timer counter register 16	TCR16		✓	✓	✓	✓
F01CDH							
F01CEH	Timer counter register 17	TCR17		✓	✓	✓	✓
F01CFH							
F01D0H	Timer mode register 10	TMR10		✓	✓	✓	✓
F01D1H							
F01D2H	Timer mode register 11	TMR11		✓	✓	✓	✓
F01D3H							
F01D4H	Timer mode register 12	TMR12		✓	✓	✓	✓
F01D5H							
F01D6H	Timer mode register 13	TMR13		✓	✓	✓	✓
F01D7H							
F01D8H	Timer mode register 14	TMR14		✓	✓	✓	✓
F01D9H							
F01DAH	Timer mode register 15	TMR15		✓	✓	✓	✓
F01DBH							
F01DCH	Timer mode register 16	TMR16		✓	✓	✓	✓
F01DDH							
F01DEH	Timer mode register 17	TMR17		✓	✓	✓	✓
F01DFH							
F01E0H	Timer status register 10	TSR10L	TSR10	✓	✓	✓	✓
F01E1H		-		✓	✓	✓	✓
F01E2H	Timer status register 11	TSR11L	TSR11	✓	✓	✓	✓
F01E3H		-		✓	✓	✓	✓
F01E4H	Timer status register 12	TSR12L	TSR12	✓	✓	✓	✓
F01E5H		-		✓	✓	✓	✓
F01E6H	Timer status register 13	TSR13L	TSR13	✓	✓	✓	✓
F01E7H		-		✓	✓	✓	✓
F01E8H	Timer status register 14	TSR14L	TSR14	✓	✓	✓	✓
F01E9H		-		✓	✓	✓	✓
F01EAH	Timer status register 15	TSR15L	TSR15	✓	✓	✓	✓
F01EBH		-		✓	✓	✓	✓
F01ECH	Timer status register 16	TSR16L	TSR16	✓	✓	✓	✓
F01EDH		-		✓	✓	✓	✓

RENESAS

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (6/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F01EEH	Timer status register 17	TSR17L	TSR17	✓	✓	✓	✓
F01EFH		-		✓	✓	✓	✓
F01F0H	Timer channel enable status register 1	TE1L	TE1	✓	✓	✓	✓
F01F1H		-		✓	✓	✓	✓
F01F2H	Timer channel start register 1	TS1L	TS1	✓	✓	✓	✓
F01F3H		-		✓	✓	✓	✓
F01F4H	Timer channel stop register 1	TT1L	TT1	✓	✓	✓	✓
F01F5H		-		✓	✓	✓	✓
F01F6H	Timer clock select register 1	TPS1		✓	✓	✓	✓
F01F7H							
F01F8H	Timer output register 1	TO1L	TO1	✓	✓	✓	✓
F01F9H		-		✓	✓	✓	✓
F01FAH	Timer output enable register 1	TOE1L	TOE1	✓	✓	✓	✓
F01FBH		-		✓	✓	✓	✓
F01FCH	Timer output level register 1	TOL1L	TOL1	✓	✓	✓	✓
F01FDH		-		✓	✓	✓	✓
F01FEH	Timer output mode register 1	TOM1L	TOM1	✓	✓	✓	✓
F01FFH		-		✓	✓	✓	✓
F0200H	Error address storage register	ERADR		✓	✓	✓	✓
F0201H							
F0202H	1-bit error detection interrupt enable register	ECCIER		✓	✓	✓	✓
F0203H	Bit error detection register	ECCER		✓	✓	✓	✓
F0204H	ECC test protect register	ECCTPR		✓	✓	✓	✓
F0205H	ECC test mode register	ECCTMDR		✓	✓	✓	✓
F0206H	Write data inversion register	ECCDWRVR		✓	✓	✓	✓
F0207H							
F0220H	Port output slew rate select register	PSRSEL		✓	✓	✓	✓
F0222H	SNOOZE status output control register 0	PSNZCNT0		✓	✓	✓	✓
F0223H	SNOOZE status output control register 1	PSNZCNT1		✓	✓	✓	✓
F0224H	SNOOZE status output control register 2	PSNZCNT2		✓	✓	✓	✓
F0225H	SNOOZE status output control register 3	PSNZCNT3		✓	✓	✓	✓
F0227H	D/A converter mode register 2	DAM2		✓	✓	✓	✓
F0228H	PWM output delay control register 0	PWMDLY0		✓	✓	✓	✓
F0229H							
F022AH	PWM output delay control register 1	PWMDLY1		✓	✓	✓	✓
F022BH							
F022CH	PWM output delay control register 2	PWMDLY2		✓	✓	✓	✓
F022DH							
F0230H	IICA control register 00	IICCTL00		✓	✓	✓	✓
F0231H	IICA control register 01	IICCTL01		✓	✓	✓	✓
F0232H	IICA low-level width setting register 0	IICWL0		✓	✓	✓	✓
F0233H	IICA high-level width setting register 0	IICWH0		✓	✓	✓	✓
F0234H	Slave address register 0	SVA0		✓	✓	✓	✓
F0240H	Timer RJ control register 0	TRJCR0		✓	✓	✓	✓
F0241H	Timer RJ I/O control register 0	TRJIOC0		✓	✓	✓	✓
F0242H	Timer RJ mode register 0	TRJMR0		✓	✓	✓	✓
F0243H	Timer RJ event pin select register 0	TRJISR0		✓	✓	✓	✓
F0260H	Timer RD ELC register	TRDELC		✓	✓	✓	✓
F0263H	Timer RD start register	TRDSTR		✓	✓	✓	✓

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (7/29)

Address	Special function register (SFR) name	Symbol	Pin count			
			100-pin	80-pin	64-pin	48-pin
F0264H	Timer RD mode register	TRDMR	✓	✓	✓	✓
F0265H	Timer RD PWM function select register	TRDPMR	✓	✓	✓	✓
F0266H	Timer RD function control register	TRDFCR	✓	✓	✓	✓
F0267H	Timer RD output master enable register 1	TRDOER1	✓	✓	✓	✓
F0268H	Timer RD output master enable register 2	TRDOER2	✓	✓	✓	✓
F0269H	Timer RD output control register	TRDOCR	✓	✓	✓	✓
F026AH	Timer RD digital filter function select register 0	TRDDF0	✓	✓	✓	✓
F026BH	Timer RD digital filter function select register 1	TRDDF1	✓	✓	✓	✓
F0270H	Timer RD control register0	TRDCR0	✓	✓	✓	✓
F0271H	Timer RD I/O control registerA0	TRDIORA0	✓	✓	✓	✓
F0272H	Timer RD I/O control registerC0	TRDIORC0	✓	✓	✓	✓
F0273H	Timer RD status register 0	TRDSR0	✓	✓	✓	✓
F0274H	Timer RD interrupt enable register 0	TRDIER0	✓	✓	✓	✓
F0275H	Timer RD PWM function output level control register 0	TRDPOCR0	✓	✓	✓	✓
F0276H	Timer RD counter 0	TRD0	✓	✓	✓	✓
F0277H						
F0278H	Timer RD general register A0	TRDGRA0	✓	✓	✓	✓
F0279H						
F027AH	Timer RD general register B0	TRDGRB0	✓	✓	✓	✓
F027BH						
F0280H	Timer RD control register1	TRDCR1	✓	✓	✓	✓
F0281H	Timer RD I/O control registerA1	TRDIORA1	✓	✓	✓	✓
F0282H	Timer RD I/O control registerC1	TRDIORC1	✓	✓	✓	✓
F0283H	Timer RD status register 1	TRDSR1	✓	✓	✓	✓
F0284H	Timer RD interrupt enable register 1	TRDIER1	✓	✓	✓	✓
F0285H	Timer RD PWM function output level control register 1	TRDPOCR1	✓	✓	✓	✓
F0286H	Timer RD counter 1	TRD1	✓	✓	✓	✓
F0287H						
F0288H	Timer RD general register A1	TRDGRA1	✓	✓	✓	✓
F0289H						
F028AH	Timer RD general register B1	TRDGRB1	✓	✓	✓	✓
F028BH						
F02A0H	Comparator control register	CMPCTL	✓	✓	✓	✓
F02A1H	Comparator I/O switch register	CMPSEL	✓	✓	✓	✓
F02A2H	Comparator output monitor register	CMPMON	✓	✓	✓	✓
F02C0H	Peripheral enable register 1	PER1	✓	✓	✓	✓
F02C1H	Peripheral enable register 2	PER2	✓	✓	✓	✓
F02C2H	CAN clock select register	CANCKSEL	✓	✓	✓	✓
F02C3H	LIN clock select register	LINCKSEL	✓	✓	✓	✓
F02C4H	Clock select register	CKSEL	✓	✓	✓	✓
F02C5H	PLL control register	PLLCTL	✓	✓	✓	✓
F02C6H	PLL status register	PLLSTS	✓	✓	✓	✓
F02C7H	f_{MP} clock division register	MDIV	✓	✓	✓	✓
F02C8H	RTC clock select register	RTCCL	✓	✓	✓	✓
F02C9H	POR/CLM reset confirmation register	POCRES	✓	✓	✓	✓
F02CAH	STOP status output control register	STPSTC	✓	✓	✓	✓
F02D0H	High-speed DTC control register 0	HDTCCR0	✓	✓	✓	✓
F02D2H	High-speed DTC transfer number register 0	HDTCCT0	✓	✓	✓	✓

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (8/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F02D3H	High-speed DTC transfer number reload register 0	HDTRLD0		✓	✓	✓	✓
F02D4H	High-speed DTC source address register 0	HDTSAR0		✓	✓	✓	✓
F02D5H							
F02D6H	High-speed DTC destination address register 0	HDTDAR0		✓	✓	✓	✓
F02D7H							
F02D8H	High-speed DTC control register 1	HDTCCR1		✓	✓	✓	✓
F02DAH	High-speed DTC transfer number register 1	HDTCCT1		✓	✓	✓	✓
F02DBH	High-speed DTC transfer number reload register 1	HDTRLD1		✓	✓	✓	✓
F02DCH	High-speed DTC source address register 1	HDTSAR1		✓	✓	✓	✓
F02DDH							
F02DEH	High-speed DTC destination address register 1	HDTDAR1		✓	✓	✓	✓
F02DDH							
F02E0H	DTC base address register	DTCBAR		✓	✓	✓	✓
F02E1H	High-speed DTC channel select register 0	SELHS0		✓	✓	✓	✓
F02E2H	High-speed DTC channel select register 1	SELHS1		✓	✓	✓	✓
F02E8H	DTC activation enable register 0	DTCEN0		✓	✓	✓	✓
F02E9H	DTC activation enable register 1	DTCEN1		✓	✓	✓	✓
F02EAH	DTC activation enable register 2	DTCEN2		✓	✓	✓	✓
F02EBH	DTC activation enable register 3	DTCEN3		✓	✓	✓	✓
F02ECH	DTC activation enable register 4	DTCEN4		✓	✓	✓	✓
F02EDH	DTC activation enable register 5	DTCEN5		✓	✓	✓	✓
F02F0H	Flash memory CRC control register	CRC0CTL		✓	✓	✓	✓
F02F2H	Flash memory CRC operation result register	PGCRCL		✓	✓	✓	✓
F02F3H							
F02F9H	CRC operation mode control register	CRCMD		✓	✓	✓	✓
F02FAH	CRC data register	CRCD		✓	✓	✓	✓
F02FBH							
F0300H	CAN0 bit configuration register L	C0CFGLL	C0CFGL	✓	✓	✓	✓
F0301H		C0CFGLH		✓	✓	✓	✓
F0302H	CAN0 bit configuration register H	C0CFGHL	C0CFGH	✓	✓	✓	✓
F0303H		C0CFGHH		✓	✓	✓	✓
F0304H	CAN0 control register L	C0CTRLL	C0CTRL	✓	✓	✓	✓
F0305H		C0CTRLH		✓	✓	✓	✓
F0306H	CAN0 control register H	C0CTRHL	C0CTRH	✓	✓	✓	✓
F0307H		C0CTRHH		✓	✓	✓	✓
F0308H	CAN0 status register L	C0STSLL	C0STSL	✓	✓	✓	✓
F0309H		C0STSLH		✓	✓	✓	✓
F030AH	CAN0 status register H	C0STSHL	C0STSH	✓	✓	✓	✓
F030BH		C0STSHH		✓	✓	✓	✓
F030CH	CAN0 error flag register L	C0ERFLLL	C0ERFLL	✓	✓	✓	✓
F030DH		C0ERFLLH		✓	✓	✓	✓
F030EH	CAN0 error flag register H	C0ERFLHL	C0ERFLH	✓	✓	✓	✓
F030FH		C0ERFLHH		✓	✓	✓	✓
F0322H	CAN global configuration register L	GCFGLL	GCFGL	✓	✓	✓	✓
F0323H		GCFGLH		✓	✓	✓	✓
F0324H	CAN global configuration register H	GCFGHL	GCFGH	✓	✓	✓	✓
F0325H		GCFGHH		✓	✓	✓	✓
F0326H	CAN global control register L	GCTRLL	GCTRL	✓	✓	✓	✓
F0327H		GCTRLH		✓	✓	✓	✓

RENESAS

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (9/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F0328H	CAN global control register H	GCTRHL	GCTRH	✓	✓	✓	✓
F0329H		GCTRHH		✓	✓	✓	✓
F032AH	CAN global status register	GSTSL	GSTS	✓	✓	✓	✓
F032BH		GSTSH		✓	✓	✓	✓
F032CH	CAN global error flag register	GERFLL		✓	✓	✓	✓
F032EH	CAN timestamp register	GTSC		✓	✓	✓	✓
F032FH							
F0330H	CAN receive rule number configuration register	GAFLCFGL	GAFLCFG	✓	✓	✓	✓
F0331H		GAFLCFGH		✓	✓	✓	✓
F0332H	CAN receive buffer number configuration register	RMNBL	RMNB	✓	✓	✓	✓
F0333H		—		✓	✓	✓	✓
F0334H	CAN receive buffer receive complete flag register	RMND0L	RMND0	✓	✓	✓	✓
F0335H		RMND0H		✓	✓	✓	✓
F0338H	CAN receive FIFO control register 0	RFCC0L	RFCC0	✓	✓	✓	✓
F0339H		RFCC0H		✓	✓	✓	✓
F033AH	CAN receive FIFO control register 1	RFCC1L	RFCC1	✓	✓	✓	✓
F033BH		RFCC1H		✓	✓	✓	✓
F0340H	CAN receive FIFO status register 0	RFSTS0L	RFSTS0	✓	✓	✓	✓
F0341H		RFSTS0H		✓	✓	✓	✓
F0342H	CAN receive FIFO status register 1	RFSTS1L	RFSTS1	✓	✓	✓	✓
F0343H		RFSTS1H		✓	✓	✓	✓
F0348H	CAN receive FIFO pointer control register 0	RFPCTR0L	RFPCTR0	✓	✓	✓	✓
F0349H		RFPCTR0H		✓	✓	✓	✓
F034AH	CAN receive FIFO pointer control register 1	RFPCTR1L	RFPCTR1	✓	✓	✓	✓
F034BH		RFPCTR1H		✓	✓	✓	✓
F0350H	CAN0 transmit/receive FIFO control register 0L	CFCCL0L	CFCCL0	✓	✓	✓	✓
F0351H		CFCCL0H		✓	✓	✓	✓
F0352H	CAN0 transmit/receive FIFO control register 0H	CFCCH0L	CFCCH0	✓	✓	✓	✓
F0353H		CFCCH0H		✓	✓	✓	✓
F0358H	CAN0 transmit/receive FIFO status register 0	CFSTS0L	CFSTS0	✓	✓	✓	✓
F0359H		CFSTS0H		✓	✓	✓	✓
F035CH	CAN0 transmit/receive FIFO pointer control register 0	CFPCTR0L	CFPCTR0	✓	✓	✓	✓
F035DH		-		✓	✓	✓	✓
F0360H	Receive FIFO message lost status register	RFMSTS		✓	✓	✓	✓
F0361H	CAN0 transmit/receive FIFO message lost status register	CFMSTS		✓	✓	✓	✓
F0362H	CAN receive FIFO interrupt status register	RFISTS		✓	✓	✓	✓
F0363H	CAN transmit/receive FIFO receive interrupt status register	CFISTS		✓	✓	✓	✓
F0364H	CAN0 transmit buffer control register 0	TMC0		✓	✓	✓	✓
F0365H	CAN0 transmit buffer control register 1	TMC1		✓	✓	✓	✓
F0366H	CAN0 transmit buffer control register 2	TMC2		✓	✓	✓	✓
F0367H	CAN0 transmit buffer control register 3	TMC3		✓	✓	✓	✓
F036CH	CAN0 transmit buffer status register 0	TMSTS0		✓	✓	✓	✓
F036DH	CAN0 transmit buffer status register 1	TMSTS1		✓	✓	✓	✓
F036EH	CAN0 transmit buffer status register 2	TMSTS2		✓	✓	✓	✓
F036FH	CAN0 transmit buffer status register 3	TMSTS3		✓	✓	✓	✓
F0374H	CAN0 transmit buffer transmit request status register	TMTRSTSL	TMTRSTS	✓	✓	✓	✓
F0375H		TMTRSTSH		✓	✓	✓	✓

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (10/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F0376H	CAN0 transmit buffer transmit complete	TMTCSTSL	TMTCSTS	✓	✓	✓	✓
F0377H	status register	TMTCSTSH		✓	✓	✓	✓
F0378H	CAN0 transmit buffer transmit abort status	TMTASTSL	TMTASTS	✓	✓	✓	✓
F0379H	register	TMTASTSH		✓	✓	✓	✓
F037AH	CAN0 transmit buffer interrupt enable register	TMIECL	TMIEC	✓	✓	✓	✓
F037BH		TMIECH		✓	✓	✓	✓
F037CH	CAN0 transmit history buffer control register	THLCC0L	THLCC0	✓	✓	✓	✓
F037DH		THLCC0H		✓	✓	✓	✓
F0380H	CAN0 transmit history buffer status register	THLSTS0L	THLSTS0	✓	✓	✓	✓
F0381H		THLSTS0H		✓	✓	✓	✓
F0384H	CAN0 transmit history buffer pointer control	THLPCTR0L	THLPCTR0	✓	✓	✓	✓
F0385H	register	THLPCTR0H		✓	✓	✓	✓
F0388H	CAN global transmit interrupt status register	GTINTSTSL	GTINTSTS	✓	✓	✓	✓
F0389H		GTINTSTSH		✓	✓	✓	✓
F038AH	CAN global RAM window control register	GRWCRL	GRWCR	✓	✓	✓	✓
F038BH		GRWCRH		✓	✓	✓	✓
F038CH	CAN global test configuration register	GTSTCFGL	GTSTCFG	✓	✓	✓	✓
F038DH		GTSTCFGH		✓	✓	✓	✓
F038EH	CAN global test control register	GTSTCTRL		✓	✓	✓	✓
F0394H	CAN global test protection unlock register	GLOCKK		✓	✓	✓	✓
F0395H							
F03A0H	CAN receive rule entry register 0AL / CAN receive buffer register 0AL	GAFLIDL0L/ RMIDL0L	GAFLIDL0/ RMIDL0	✓	✓	✓	✓
F03A1H		GAFLIDL0H/ RMIDL0H		✓	✓	✓	✓
F03A2H	CAN receive rule entry register 0AH / CAN receive buffer register 0AH	GAFLIDH0L/ RMIDH0L	GAFLIDH0/ RMIDH0	✓	✓	✓	✓
F03A3H		GAFLIDH0H/ RMIDH0H		✓	✓	✓	✓
F03A4H	CAN receive rule entry register 0BL / CAN receive buffer register 0BL	GAFLML0L/ RMTS0L	GAFLML0/ RMTS0	✓	✓	✓	✓
F03A5H		GAFLML0H/ RMTS0H		✓	✓	✓	✓
F03A6H	CAN receive rule entry register 0BH / CAN receive buffer register 0BH	GAFLMH0L/ RMPTR0L	GAFLMH0/ RMPTR0	✓	✓	✓	✓
F03A7H		GAFLMH0H/ RMPTR0H		✓	✓	✓	✓
F03A8H	CAN receive rule entry register 0CL / CAN receive buffer register 0CL	GAFLPL0L/ RMDF00L	GAFLPL0/ RMDF00	✓	✓	✓	✓
F03A9H		GAFLPL0H/ RMDF00H		✓	✓	✓	✓
F03AAH	CAN receive rule entry register 0CH / CAN receive buffer register 0CH	GAFLPH0L/ RMDF10L	GAFLPH0/ RMDF10	✓	✓	✓	✓
F03ABH		GAFLPH0H/ RMDF10H		✓	✓	✓	✓
F03ACH	CAN receive rule entry register 1AL / CAN receive buffer register 0DL	GAFLIDL1L/ RMDF20L	GAFLIDL1/ RMDF20	✓	✓	✓	✓
F03ADH		GAFLIDL1H/ RMDF20H		✓	✓	✓	✓

RENESAS

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (11/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F03AEH	CAN receive rule entry register 1AH / CAN receive buffer register 0DH	GAFLIDH1L/ RMDF30L	GAFLIDH1/ RMDF30	✓	✓	✓	✓
F03AFH		GAFLIDH1H/ RMDF30H		✓	✓	✓	✓
F03B0H	CAN receive rule entry register 1BL / CAN receive buffer register 1AL	GAFLML1L/ RMIDL1L	GAFLML1/ RMIDL1	✓	✓	✓	✓
F03B1H		GAFLML1H/ RMIDL1H		✓	✓	✓	✓
F03B2H	CAN receive rule entry register 1BH / CAN receive buffer register 1AH	GAFLMH1L/ RMIDH1L	GAFLMH1/ RMIDH1	✓	✓	✓	✓
F03B3H		GAFLMH1H/ RMIDH1H		✓	✓	✓	✓
F03B4H	CAN receive rule entry register 1CL / CAN receive buffer register 1BL	GAFLPL1L/ RMTS1L	GAFLPL1/ RMTS1	✓	✓	✓	✓
F03B5H		GAFLPL1H/ RMTS1H		✓	✓	✓	✓
F03B6H	CAN receive rule entry register 1CH / CAN receive buffer register 1BH	GAFLPH1L/ RMPTR1L	GAFLPH1/ RMPTR1	✓	✓	✓	✓
F03B7H		GAFLPH1H/ RMPTR1H		✓	✓	✓	✓
F03B8H	CAN receive rule entry register 2AL / CAN receive buffer register 1CL	GAFLIDL2L/ RMDF01L	GAFLIDL2/ RMDF01	✓	✓	✓	✓
F03B9H		GAFLIDL2H/ RMDF01H		✓	✓	✓	✓
F03BAH	CAN receive rule entry register 2AH / CAN receive buffer register 1CH	GAFLIDH2L/ RMDF11L	GAFLIDH2/ RMDF11	✓	✓	✓	✓
F03BBH		GAFLIDH2H/ RMDF11H		✓	✓	✓	✓
F03BCH	CAN receive rule entry register 2BL / CAN receive buffer register 1DL	GAFLML2L/ RMDF21L	GAFLML2/ RMDF21	✓	✓	✓	✓
F03BDH		GAFLML2H/ RMDF21H		✓	✓	✓	✓
F03BEH	CAN receive rule entry register 2BH / CAN receive buffer register 1DH	GAFLMH2L/ RMDF31L	GAFLMH2/ RMDF31	✓	✓	✓	✓
F03BFH		GAFLMH2H/ RMDF31H		✓	✓	✓	✓
F03C0H	CAN receive rule entry register 2CL / CAN receive buffer register 2AL	GAFLPL2L/ RMIDL2L	GAFLPL2/ RMIDL2	✓	✓	✓	✓
F03C1H		GAFLPL2H/ RMIDL2H		✓	✓	✓	✓
F03C2H	CAN receive rule entry register 2CH / CAN receive buffer register 2AH	GAFLPH2L/ RMIDH2L	GAFLPH2/ RMIDH2	✓	✓	✓	✓
F03C3H		GAFLPH2H/ RMIDH2H		✓	✓	✓	✓
F03C4H	CAN receive rule entry register 3AL / CAN receive buffer register 2BL	GAFLIDL3L/ RMTS2L	GAFLIDL3/ RMTS2	✓	✓	✓	✓
F03C5H		GAFLIDL3H/ RMTS2H		✓	✓	✓	✓

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (12/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F03C6H	CAN receive rule entry register 3AH / CAN receive buffer register 2BH	GAFLIDH3L/ RMPTR2L	GAFLIDH3/ RMPTR2	✓	✓	✓	✓
F03C7H		GAFLIDH3H/ RMPTR2H		✓	✓	✓	✓
F03C8H	CAN receive rule entry register 3BL / CAN receive buffer register 2CL	GAFLML3L/ RMDF02L	GAFLML3/ RMDF02	✓	✓	✓	✓
F03C9H		GAFLML3H/ RMDF02H		✓	✓	✓	✓
F03CAH	CAN receive rule entry register 3BH / CAN receive buffer register 2CH	GAFLMH3L/ RMDF12L	GAFLMH3/ RMDF12	✓	✓	✓	✓
F03CBH		GAFLMH3H/ RMDF12H		✓	✓	✓	✓
F03CCH	CAN receive rule entry register 3CL / CAN receive buffer register 2DL	GAFLPL3L/ RMDF22L	GAFLPL3/ RMDF22	✓	✓	✓	✓
F03CDH		GAFLPL3H/ RMDF22H		✓	✓	✓	✓
F03CEH	CAN receive rule entry register 3CH / CAN receive buffer register 2DH	GAFLPH3L/ RMDF32L	GAFLPH3/ RMDF32	✓	✓	✓	✓
F03CFH		GAFLPH3H/ RMDF32H		✓	✓	✓	✓
F03D0H	CAN receive rule entry register 4AL / CAN receive buffer register 3AL	GAFLIDL4L/ RMIDL3L	GAFLIDL4/ RMIDL3	✓	✓	✓	✓
F03D1H		GAFLIDL4H/ RMIDL3H		✓	✓	✓	✓
F03D2H	CAN receive rule entry register 4AH / CAN receive buffer register 3AH	GAFLIDH4L/ RMIDH3L	GAFLIDH4/ RMIDH3	✓	✓	✓	✓
F03D3H		GAFLIDH4H/ RMIDH3H		✓	✓	✓	✓
F03D4H	CAN receive rule entry register 4BL / CAN receive buffer register 3BL	GAFLML4L/ RMTS3L	GAFLML4/ RMTS3	✓	✓	✓	✓
F03D5H		GAFLML4H/ RMTS3H		✓	✓	✓	✓
F03D6H	CAN receive rule entry register 4BH / CAN receive buffer register 3BH	GAFLMH4L/ RMPTR3L	GAFLMH4/ RMPTR3	✓	✓	✓	✓
F03D7H		GAFLMH4H/ RMPTR3H		✓	✓	✓	✓
F03D8H	CAN receive rule entry register 4CL / CAN receive buffer register 3CL	GAFLPL4L/ RMDF03L	GAFLPL4/ RMDF03	✓	✓	✓	✓
F03D9H		GAFLPL4H/ RMDF03H		✓	✓	✓	✓
F03DAH	CAN receive rule entry register 4CH / CAN receive buffer register 3CH	GAFLPH4L/ RMDF13L	GAFLPH4/ RMDF13	✓	✓	✓	✓
F03DBH		GAFLPH4H/ RMDF13H		✓	✓	✓	✓
F03DCH	CAN receive rule entry register 5AL / CAN receive buffer register 3DL	GAFLIDL5L/ RMDF23L	GAFLIDL5/ RMDF23	✓	✓	✓	✓
F03DDH		GAFLIDL5H/ RMDF23H		✓	✓	✓	✓

RENESAS

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (13/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F03DEH	CAN receive rule entry register 5AH / CAN receive buffer register 3DH	GAFLIDH5L/ RMDF33L	GAFLIDH5/ RMDF33	✓	✓	✓	✓
F03DFH		GAFLIDH5H/ RMDF33H		✓	✓	✓	✓
F03E0H	CAN receive rule entry register 5BL / CAN receive buffer register 4AL	GAFLML5L/ RMIDL4L	GAFLML5/ RMIDL4	✓	✓	✓	✓
F03E1H		GAFLML5H/ RMIDL4H		✓	✓	✓	✓
F03E2H	CAN receive rule entry register 5BH / CAN receive buffer register 4AH	GAFLMH5L/ RMIDH4L	GAFLMH5/ RMIDH4	✓	✓	✓	✓
F03E3H		GAFLMH5H/ RMIDH4H		✓	✓	✓	✓
F03E4H	CAN receive rule entry register 5CL / CAN receive buffer register 4BL	GAFLPL5L/ RMTS4L	GAFLPL5/ RMTS4	✓	✓	✓	✓
F03E5H		GAFLPL5H/ RMTS4H		✓	✓	✓	✓
F03E6H	CAN receive rule entry register 5CH / CAN receive buffer register 4BH	GAFLPH5L/ RMPTR4L	GAFLPH5/ RMPTR4	✓	✓	✓	✓
F03E7H		GAFLPH5H/ RMPTR4H		✓	✓	✓	✓
F03E8H	CAN receive rule entry register 6AL / CAN receive buffer register 4CL	GAFLIDL6L/ RMDF04L	GAFLIDL6/ RMDF04	✓	✓	✓	✓
F03E9H		GAFLIDL6H/ RMDF04H		✓	✓	✓	✓
F03EAH	CAN receive rule entry register 6AH / CAN receive buffer register 4CH	GAFLIDH6L/ RMDF14L	GAFLIDH6/ RMDF14	✓	✓	✓	✓
F03EBH		GAFLIDH6H/ RMDF14H		✓	✓	✓	✓
F03ECH	CAN receive rule entry register 6BL / CAN receive buffer register 4DL	GAFLML6L/ RMDF24L	GAFLML6/ RMDF24	✓	✓	✓	✓
F03EDH		GAFLML6H/ RMDF24H		✓	✓	✓	✓
F03EEH	CAN receive rule entry register 6BH / CAN receive buffer register 4DH	GAFLMH6L/ RMDF34L	GAFLMH6/ RMDF34	✓	✓	✓	✓
F03EFH		GAFLMH6H/ RMDF34H		✓	✓	✓	✓
F03F0H	CAN receive rule entry register 6CL / CAN receive buffer register 5AL	GAFLPL6L/ RMIDL5L	GAFLPL6/ RMIDL5	✓	✓	✓	✓
F03F1H		GAFLPL6H/ RMIDL5H		✓	✓	✓	✓
F03F2H	CAN receive rule entry register 6CH / CAN receive buffer register 5AH	GAFLPH6L/ RMIDH5L	GAFLPH6/ RMIDH5	✓	✓	✓	✓
F03F3H		GAFLPH6H/ RMIDH5H		✓	✓	✓	✓
F03F4H	CAN receive rule entry register 7AL / CAN receive buffer register 5BL	GAFLIDL7L/ RMTS5L	GAFLIDL7/ RMTS5	✓	✓	✓	✓
F03F5H		GAFLIDL7H/ RMTS5H		✓	✓	✓	✓

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (14/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F03F6H	CAN receive rule entry register 7AH / CAN receive buffer register 5BH	GAFLIDH7L/ RMPTR5L	GAFLIDH7/ RMPTR5	✓	✓	✓	✓
F03F7H		GAFLIDH7H/ RMPTR5H		✓	✓	✓	✓
F03F8H	CAN receive rule entry register 7BL / CAN receive buffer register 5CL	GAFLML7L/ RMDF05L	GAFLML7/ RMDF05	✓	✓	✓	✓
F03F9H		GAFLML7H/ RMDF05H		✓	✓	✓	✓
F03FAH	CAN receive rule entry register 7BH / CAN receive buffer register 5CH	GAFLMH7L/ RMDF15L	GAFLMH7/ RMDF15	✓	✓	✓	✓
F03FBH		GAFLMH7H/ RMDF15H		✓	✓	✓	✓
F03FCH	CAN receive rule entry register 7CL / CAN receive buffer register 5DL	GAFLPL7L/ RMDF25L	GAFLPL7/ RMDF25	✓	✓	✓	✓
F03FDH		GAFLPL7H/ RMDF25H		✓	✓	✓	✓
F03FEH	CAN receive rule entry register 7CH / CAN receive buffer register 5DH	GAFLPH7L/ RMDF35L	GAFLPH7/ RMDF35	✓	✓	✓	✓
F03FFH		GAFLPH7H/ RMDF35H		✓	✓	✓	✓
F0400H	CAN receive rule entry register 8AL / CAN receive buffer register 6AL	GAFLIDL8L/ RMIDL6L	GAFLIDL8/ RMIDL6	✓	✓	✓	✓
F0401H		GAFLIDL8H/ RMIDL6H		✓	✓	✓	✓
F0402H	CAN receive rule entry register 8AH / CAN receive buffer register 6AH	GAFLIDH8L/ RMIDH6L	GAFLIDH8/ RMIDH6	✓	✓	✓	✓
F0403H		GAFLIDH8H/ RMIDH6H		✓	✓	✓	✓
F0404H	CAN receive rule entry register 8BL / CAN receive buffer register 6BL	GAFLML8L/ RMTS6L	GAFLML8/ RMTS6	✓	✓	✓	✓
F0405H		GAFLML8H/ RMTS6H		✓	✓	✓	✓
F0406H	CAN receive rule entry register 8BH / CAN receive buffer register 6BH	GAFLMH8L/ RMPTR6L	GAFLMH8/ RMPTR6	✓	✓	✓	✓
F0407H		GAFLMH8H/ RMPTR6H		✓	✓	✓	✓
F0408H	CAN receive rule entry register 8CL / CAN receive buffer register 6CL	GAFLPL8L/ RMDF06L	GAFLPL8/ RMDF06	✓	✓	✓	✓
F0409H		GAFLPL8H/ RMDF06H		✓	✓	✓	✓
F040AH	CAN receive rule entry register 8CH / CAN receive buffer register 6CH	GAFLPH8L/ RMDF16L	GAFLPH8/ RMDF16	✓	✓	✓	✓
F040BH		GAFLPH8H/ RMDF16H		✓	✓	✓	✓
F040CH	CAN receive rule entry register 9AL / CAN receive buffer register 6DL	GAFLIDL9L/ RMDF26L	GAFLIDL9/ RMDF26	✓	✓	✓	✓
F040DH		GAFLIDL9H/ RMDF26H		✓	✓	✓	✓

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (15/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F040EH	CAN receive rule entry register 9AH / CAN receive buffer register 6DH	GAFLIDH9L/ RMDF36L	GAFLIDH9/ RMDF36	✓	✓	✓	✓
F040FH		GAFLIDH9H/ RMDF36H		✓	✓	✓	✓
F0410H	CAN receive rule entry register 9BL / CAN receive buffer register 7AL	GAFLML9L/ RMIDL7L	GAFLML9/ RMIDL7	✓	✓	✓	✓
F0411H		GAFLML9H/ RMIDL7H		✓	✓	✓	✓
F0412H	CAN receive rule entry register 9BH / CAN receive buffer register 7AH	GAFLMH9L/ RMIDH7L	GAFLMH9/ RMIDH7	✓	✓	✓	✓
F0413H		GAFLMH9H/ RMIDH7H		✓	✓	✓	✓
F0414H	CAN receive rule entry register 9CL / CAN receive buffer register 7BL	GAFLPL9L/ RMTS7L	GAFLPL9/ RMTS7	✓	✓	✓	✓
F0415H		GAFLPL9H/ RMTS7H		✓	✓	✓	✓
F0416H	CAN receive rule entry register 9CH / CAN receive buffer register 7BH	GAFLPH9L/ RMPTR7L	GAFLPH9/ RMPTR7	✓	✓	✓	✓
F0417H		GAFLPH9H/ RMPTR7H		✓	✓	✓	✓
F0418H	CAN receive rule entry register 10AL / CAN receive buffer register 7CL	GAFLIDL10L/ RMDF07L	GAFLIDL10/ RMDF07	✓	✓	✓	✓
F0419H		GAFLIDL10H/ RMDF07H		✓	✓	✓	✓
F041AH	CAN receive rule entry register 10AH / CAN receive buffer register 7CH	GAFLIDH10L/ RMDF17L	GAFLIDH10/ RMDF17	✓	✓	✓	✓
F041BH		GAFLIDH10H/ RMDF17H		✓	✓	✓	✓
F041CH	CAN receive rule entry register 10BL / CAN receive buffer register 7DL	GAFLML10L/ RMDF27L	GAFLML10/ RMDF27	✓	✓	✓	✓
F041DH		GAFLML10H/ RMDF27H		✓	✓	✓	✓
F041EH	CAN receive rule entry register 10BH / CAN receive buffer register 7DH	GAFLMH10L/ RMDF37L	GAFLMH10/ RMDF37	✓	✓	✓	✓
F041FH		GAFLMH10H/ RMDF37H		✓	✓	✓	✓
F0420H	CAN receive rule entry register 10CL / CAN receive buffer register 8AL	GAFLPL10L/ RMIDL8L	GAFLPL10/ RMIDL8	✓	✓	✓	✓
F0421H		GAFLPL10H/ RMIDL8H		✓	✓	✓	✓
F0422H	CAN receive rule entry register 10CH / CAN receive buffer register 8AH	GAFLPH10L/ RMIDH8L	GAFLPH10/ RMIDH8	✓	✓	✓	✓
F0423H		GAFLPH10H/ RMIDH8H		✓	✓	✓	✓
F0424H	CAN receive rule entry register 11AL / CAN receive buffer register 8BL	GAFLIDL11L/ RMTS8L	GAFLIDL11/ RMTS8	✓	✓	✓	✓
F0425H		GAFLIDL11H/ RMTS8H		✓	✓	✓	✓

RENESAS

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (16/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F0426H	CAN receive rule entry register 11AH / CAN receive buffer register 8BH	GAFLIDH11L/ RMPTR8L	GAFLIDH11/ RMPTR8	✓	✓	✓	✓
F0427H		GAFLIDH11H/ RMPTR8H		✓	✓	✓	✓
F0428H	CAN receive rule entry register 11BL / CAN receive buffer register 8CL	GAFLML11L/ RMDF08L	GAFLML11/ RMDF08	✓	✓	✓	✓
F0429H		GAFLML11H/ RMDF08H		✓	✓	✓	✓
F042AH	CAN receive rule entry register 11BH / CAN receive buffer register 8CH	GAFLMH11L/ RMDF18L	GAFLMH11/ RMDF18	✓	✓	✓	✓
F042BH		GAFLMH11H/ RMDF18H		✓	✓	✓	✓
F042CH	CAN receive rule entry register 11CL / CAN receive buffer register 8DL	GAFLPL11L/ RMDF28L	GAFLPL11/ RMDF28	✓	✓	✓	✓
F042DH		GAFLPL11H/ RMDF28H		✓	✓	✓	✓
F042EH	CAN receive rule entry register 11CH / CAN receive buffer register 8DH	GAFLPH11L/ RMDF38L	GAFLPH11/ RMDF38	✓	✓	✓	✓
F042FH		GAFLPH11H/ RMDF38H		✓	✓	✓	✓
F0430H	CAN receive rule entry register 12AL / CAN receive buffer register 9AL	GAFLIDL12L/ RMIDL9L	GAFLIDL12/ RMIDL9	✓	✓	✓	✓
F0431H		GAFLIDL12H/ RMIDL9H		✓	✓	✓	✓
F0432H	CAN receive rule entry register 12AH / CAN receive buffer register 9AH	GAFLIDH12L/ RMIDH9L	GAFLIDH12/ RMIDH9	✓	✓	✓	✓
F0433H		GAFLIDH12H/ RMIDH9H		✓	✓	✓	✓
F0434H	CAN receive rule entry register 12BL / CAN receive buffer register 9BL	GAFLML12L/ RMTS9L	GAFLML12/ RMTS9	✓	✓	✓	✓
F0435H		GAFLML12H/ RMTS9H		✓	✓	✓	✓
F0436H	CAN receive rule entry register 12BH / CAN receive buffer register 9BH	GAFLMH12L/ RMPTR9L	GAFLMH12/ RMPTR9	✓	✓	✓	✓
F0437H		GAFLMH12H/ RMPTR9H		✓	✓	✓	✓
F0438H	CAN receive rule entry register 12CL / CAN receive buffer register 9CL	GAFLPL12L/ RMDF09L	GAFLPL12/ RMDF09	✓	✓	✓	✓
F0439H		GAFLPL12H/ RMDF09H		✓	✓	✓	✓
F043AH	CAN receive rule entry register 12CH / CAN receive buffer register 9CH	GAFLPH12L/ RMDF19L	GAFLPH12/ RMDF19	✓	✓	✓	✓
F043BH		GAFLPH12H/ RMDF19H		✓	✓	✓	✓
F043CH	CAN receive rule entry register 13AL / CAN receive buffer register 9DL	GAFLIDL13L/ RMDF29L	GAFLIDL13/ RMDF29	✓	✓	✓	✓
F043DH		GAFLIDL13H/ RMDF29H		✓	✓	✓	✓

RENESAS

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (17/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F043EH	CAN receive rule entry register 13AH / CAN receive buffer register 9DH	GAFLIDH13L/ RMDF39L	GAFLIDH13/ RMDF39	✓	✓	✓	✓
F043FH		GAFLIDH13H/ RMDF39H		✓	✓	✓	✓
F0440H	CAN receive rule entry register 13BL / CAN receive buffer register 10AL	GAFLML13L/ RMIDL10L	GAFLML13/ RMIDL10	✓	✓	✓	✓
F0441H		GAFLML13H/ RMIDL10H		✓	✓	✓	✓
F0442H	CAN receive rule entry register 13BH / CAN receive buffer register 10AH	GAFLMH13L/ RMIDH10L	GAFLMH13/ RMIDH10	✓	✓	✓	✓
F0443H		GAFLMH13H/ RMIDH10H		✓	✓	✓	✓
F0444H	CAN receive rule entry register 13CL / CAN receive buffer register 10BL	GAFLPL13L/ RMTS10L	GAFLPL13/ RMTS10	✓	✓	✓	✓
F0445H		GAFLPL13H/ RMTS10H		✓	✓	✓	✓
F0446H	CAN receive rule entry register 13CH / CAN receive buffer register 10BH	GAFLPH13L/ RMPTR10L	GAFLPH13/ RMPTR10	✓	✓	✓	✓
F0447H		GAFLPH13H/ RMPTR10H		✓	✓	✓	✓
F0448H	CAN receive rule entry register 14AL / CAN receive buffer register 10CL	GAFLIDL14L/ RMDF010L	GAFLIDL14/ RMDF010	✓	✓	✓	✓
F0449H		GAFLIDL14H/ RMDF010H		✓	✓	✓	✓
F044AH	CAN receive rule entry register 14AH / CAN receive buffer register 10CH	GAFLIDH14L/ RMDF110L	GAFLIDH14/ RMDF110	✓	✓	✓	✓
F044BH		GAFLIDH14H/ RMDF110H		✓	✓	✓	✓
F044CH	CAN receive rule entry register 14BL / CAN receive buffer register 10DL	GAFLML14L/ RMDF210L	GAFLML14/ RMDF210	✓	✓	✓	✓
F044DH		GAFLML14H/ RMDF210H		✓	✓	✓	✓
F044EH	CAN receive rule entry register 14BH / CAN receive buffer register 10DH	GAFLMH14L/ RMDF310L	GAFLMH14/ RMDF310	✓	✓	✓	✓
F044FH		GAFLMH14H/ RMDF310H		✓	✓	✓	✓
F0450H	CAN receive rule entry register 14CL / CAN receive buffer register 11AL	GAFLPL14L/ RMIDL11L	GAFLPL14/ RMIDL11	✓	✓	✓	✓
F0451H		GAFLPL14H/ RMIDL11H		✓	✓	✓	✓
F0452H	CAN receive rule entry register 14CH / CAN receive buffer register 11AH	GAFLPH14L/ RMIDH11L	GAFLPH14/ RMIDH11	✓	✓	✓	✓
F0453H		GAFLPH14H/ RMIDH11H		✓	✓	✓	✓
F0454H	CAN receive rule entry register 15AL / CAN receive buffer register 11BL	GAFLIDL15L/ RMTS11L	GAFLIDL15/ RMTS11	✓	✓	✓	✓
F0455H		GAFLIDL15H/ RMTS11H		✓	✓	✓	✓

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (18/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F0456H	CAN receive rule entry register 15AH / CAN receive buffer register 11BH	GAFLIDH15L/ RMPTR11L	GAFLIDH15/ RMPTR11	✓	✓	✓	✓
F0457H		GAFLIDH15H/ RMPTR11H		✓	✓	✓	✓
F0458H	CAN receive rule entry register 15BL / CAN receive buffer register 11CL	GAFLML15L/ RMDF011L	GAFLML15/ RMDF011	✓	✓	✓	✓
F0459H		GAFLML15H/ RMDF011H		✓	✓	✓	✓
F045AH	CAN receive rule entry register 15BH / CAN receive buffer register 11CH	GAFLMH15L/ RMDF111L	GAFLMH15/ RMDF111	✓	✓	✓	✓
F045BH		GAFLMH15H/ RMDF111H		✓	✓	✓	✓
F045CH	CAN receive rule entry register 15CL / CAN receive buffer register 11DL	GAFLPL15L/ RMDF211L	GAFLPL15/ RMDF211	✓	✓	✓	✓
F045DH		GAFLPL15H/ RMDF211H		✓	✓	✓	✓
F045EH	CAN receive rule entry register 15CH / CAN receive buffer register 11DH	GAFLPH15L/ RMDF311L	GAFLPH15/ RMDF311	✓	✓	✓	✓
F045FH		GAFLPH15H/ RMDF311H		✓	✓	✓	✓
F0460H	CAN receive buffer register 12AL	RMIDL12L	RMIDL12	✓	✓	✓	✓
F0461H		RMIDL12H		✓	✓	✓	✓
F0462H	CAN receive buffer register 12AH	RMIDH12L	RMIDH12	✓	✓	✓	✓
F0463H		RMIDH12H		✓	✓	✓	✓
F0464H	CAN receive buffer register 12BL	RMTS12L	RMTS12	✓	✓	✓	✓
F0465H		RMTS12H		✓	✓	✓	✓
F0466H	CAN receive buffer register 12BH	RMPTR12L	RMPTR12	✓	✓	✓	✓
F0467H		RMPTR12H		✓	✓	✓	✓
F0468H	CAN receive buffer register 12CL	RMDF012L	RMDF012	✓	✓	✓	✓
F0469H		RMDF012H		✓	✓	✓	✓
F046AH	CAN receive buffer register 12CH	RMDF112L	RMDF112	✓	✓	✓	✓
F046BH		RMDF112H		✓	✓	✓	✓
F046CH	CAN receive buffer register 12DL	RMDF212L	RMDF212	✓	✓	✓	✓
F046DH		RMDF212H		✓	✓	✓	✓
F046EH	CAN receive buffer register 12DH	RMDF312L	RMDF312	✓	✓	✓	✓
F046FH		RMDF312H		✓	✓	✓	✓
F0470H	CAN receive buffer register 13AL	RMIDL13L	RMIDL13	✓	✓	✓	✓
F0471H		RMIDL13H		✓	✓	✓	✓
F0472H	CAN receive buffer register 13AH	RMIDH13L	RMIDH13	✓	✓	✓	✓
F0473H		RMIDH13H		✓	✓	✓	✓
F0474H	CAN receive buffer register 13BL	RMTS13L	RMTS13	✓	✓	✓	✓
F0475H		RMTS13H		✓	✓	✓	✓
F0476H	CAN receive buffer register 13BH	RMPTR13L	RMPTR13	✓	✓	✓	✓
F0477H		RMPTR13H		✓	✓	✓	✓
F0478H	CAN receive buffer register 13CL	RMDF013L	RMDF013	✓	✓	✓	✓
F0479H		RMDF013H		✓	✓	✓	✓
F047AH	CAN receive buffer register 13CH	RMDF113L	RMDF113	✓	✓	✓	✓
F047BH		RMDF113H		✓	✓	✓	✓

RENESAS

Table 3-6 List of extended SFRs (2ⁿᵈ SFR) of Group E of RL78/F14 (19/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F047CH	CAN receive buffer register 13DL	RMDF213L	RMDF213	✓	✓	✓	✓
F047DH		RMDF213H		✓	✓	✓	✓
F047EH	CAN receive buffer register 13DH	RMDF313L	RMDF313	✓	✓	✓	✓
F047FH		RMDF313H		✓	✓	✓	✓
F0480H	CAN receive buffer register 14AL	RMIDL14L	RMIDL14	✓	✓	✓	✓
F0481H		RMIDL14H		✓	✓	✓	✓
F0482H	CAN receive buffer register 14AH	RMIDH14L	RMIDH14	✓	✓	✓	✓
F0483H		RMIDH14H		✓	✓	✓	✓
F0484H	CAN receive buffer register 14BL	RMTS14L	RMTS14	✓	✓	✓	✓
F0485H		RMTS14H		✓	✓	✓	✓
F0486H	CAN receive buffer register 14BH	RMPTR14L	RMPTR14	✓	✓	✓	✓
F0487H		RMPTR14H		✓	✓	✓	✓
F0488H	CAN receive buffer register 14CL	RMDF014L	RMDF014	✓	✓	✓	✓
F0489H		RMDF014H		✓	✓	✓	✓
F048AH	CAN receive buffer register 14CH	RMDF114L	RMDF114	✓	✓	✓	✓
F048BH		RMDF114H		✓	✓	✓	✓
F048CH	CAN receive buffer register 14DL	RMDF214L	RMDF214	✓	✓	✓	✓
F048DH		RMDF214H		✓	✓	✓	✓
F048EH	CAN receive buffer register 14DH	RMDF314L	RMDF314	✓	✓	✓	✓
F048FH		RMDF314H		✓	✓	✓	✓
F0490H	CAN receive buffer register 15AL	RMIDL15L	RMIDL15	✓	✓	✓	✓
F0491H		RMIDL15H		✓	✓	✓	✓
F0492H	CAN receive buffer register 15AH	RMIDH15L	RMIDH15	✓	✓	✓	✓
F0493H		RMIDH15H		✓	✓	✓	✓
F0494H	CAN receive buffer register 15BL	RMTS15L	RMTS15	✓	✓	✓	✓
F0495H		RMTS15H		✓	✓	✓	✓
F0496H	CAN receive buffer register 15BH	RMPTR15L	RMPTR15	✓	✓	✓	✓
F0497H		RMPTR15H		✓	✓	✓	✓
F0498H	CAN receive buffer register 15CL	RMDF015L	RMDF015	✓	✓	✓	✓
F0499H		RMDF015H		✓	✓	✓	✓
F049AH	CAN receive buffer register 15CH	RMDF115L	RMDF115	✓	✓	✓	✓
F049BH		RMDF115H		✓	✓	✓	✓
F049CH	CAN receive buffer register 15DL	RMDF215L	RMDF215	✓	✓	✓	✓
F049DH		RMDF215H		✓	✓	✓	✓
F049EH	CAN receive buffer register 15DH	RMDF315L	RMDF315	✓	✓	✓	✓
F049FH		RMDF315H		✓	✓	✓	✓
F0580H	CAN RAM test register 0	RPGACC0L	RPGACC0	✓	✓	✓	✓
F0581H		RPGACC0H		✓	✓	✓	✓
F0582H	CAN RAM test register 1	RPGACC1L	RPGACC1	✓	✓	✓	✓
F0583H		RPGACC1H		✓	✓	✓	✓
F0584H	CAN RAM test register 2	RPGACC2L	RPGACC2	✓	✓	✓	✓
F0585H		RPGACC2H		✓	✓	✓	✓
F0586H	CAN RAM test register 3	RPGACC3L	RPGACC3	✓	✓	✓	✓
F0587H		RPGACC3H		✓	✓	✓	✓
F0588H	CAN RAM test register 4	RPGACC4L	RPGACC4	✓	✓	✓	✓
F0589H		RPGACC4H		✓	✓	✓	✓
F058AH	CAN RAM test register 5	RPGACC5L	RPGACC5	✓	✓	✓	✓
F058BH		RPGACC5H		✓	✓	✓	✓
F058CH	CAN RAM test register 6	RPGACC6L	RPGACC6	✓	✓	✓	✓
F058DH		RPGACC6H		✓	✓	✓	✓

RENESAS

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (20/29)

Address	Special function register (SFR) name	Symbol		Pin count 100-pin	80-pin	64-pin	48-pin
F058EH	CAN RAM test register 7	RPGACC7L	RPGACC7	✓	✓	✓	✓
F058FH		RPGACC7H		✓	✓	✓	✓
F0590H	CAN RAM test register 8	RPGACC8L	RPGACC8	✓	✓	✓	✓
F0591H		RPGACC8H		✓	✓	✓	✓
F0592H	CAN RAM test register 9	RPGACC9L	RPGACC9	✓	✓	✓	✓
F0593H		RPGACC9H		✓	✓	✓	✓
F0594H	CAN RAM test register 10	RPGACC10L	RPGACC10	✓	✓	✓	✓
F0595H		RPGACC10H		✓	✓	✓	✓
F0596H	CAN RAM test register 11	RPGACC11L	RPGACC11	✓	✓	✓	✓
F0597H		RPGACC11H		✓	✓	✓	✓
F0598H	CAN RAM test register 12	RPGACC12L	RPGACC12	✓	✓	✓	✓
F0599H		RPGACC12H		✓	✓	✓	✓
F059AH	CAN RAM test register 13	RPGACC13L	RPGACC13	✓	✓	✓	✓
F059BH		RPGACC13H		✓	✓	✓	✓
F059CH	CAN RAM test register 14	RPGACC14L	RPGACC14	✓	✓	✓	✓
F059DH		RPGACC14H		✓	✓	✓	✓
F059EH	CAN RAM test register 15	RPGACC15L	RPGACC15	✓	✓	✓	✓
F059FH		RPGACC15H		✓	✓	✓	✓
F05A0H	CAN RAM test register 16 / CAN receive FIFO access register 0AL	RPGACC16L/ RFIDL0L	RPGACC16/ RFIDL0	✓	✓	✓	✓
F05A1H		RPGACC16H RFIDL0H		✓	✓	✓	✓
F05A2H	CAN RAM test register 17 / CAN receive FIFO access register 0AH	RPGACC17L/ RFIDH0L	RPGACC17/ RFIDH0	✓	✓	✓	✓
F05A3H		RPGACC17H RFIDH0H		✓	✓	✓	✓
F05A4H	CAN RAM test register 18 / CAN receive FIFO access register 0BL	RPGACC18L/ RFTS0L	RPGACC18/ RFTS0	✓	✓	✓	✓
F05A5H		RPGACC18H/ RFTS0H		✓	✓	✓	✓
F05A6H	CAN RAM test register 19 / CAN receive FIFO access register 0BH	RPGACC19L/ RFPTR0L	RPGACC19/ RFPTR0	✓	✓	✓	✓
F05A7H		RPGACC19H/ RFPTR0H		✓	✓	✓	✓
F05A8H	CAN RAM test register 20 / CAN receive FIFO access register 0CL	RPGACC20L/ RFDF00L	RPGACC20/ RFDF00	✓	✓	✓	✓
F05A9H		RPGACC20H/ RFDF00H		✓	✓	✓	✓
F05AAH	CAN RAM test register 21 / CAN receive FIFO access register 0CH	RPGACC21L/ RFDF10L	RPGACC21/ RFDF10	✓	✓	✓	✓
F05ABH		RPGACC21H/ RFDF10H		✓	✓	✓	✓
F05ACH	CAN RAM test register 22 / CAN receive FIFO access register 0DL	RPGACC22L/ RFDF20L	RPGACC22/ RFDF20	✓	✓	✓	✓
F05ADH		RPGACC22H/ RFDF20H		✓	✓	✓	✓
F05AEH	CAN RAM test register 23 / CAN receive FIFO access register 0DH	RPGACC23L/ RFDF30L	RPGACC23/ RFDF30	✓	✓	✓	✓
F05AFH		RPGACC23H/ RFDF30H		✓	✓	✓	✓

RENESAS

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (21/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F05B0H	CAN RAM test register 24 / CAN receive FIFO access register 1AL	RPGACC24L/ RFIDL1L	RPGACC24/ RFIDL1	✓	✓	✓	✓
F05B1H		RPGACC24H/ RFIDL1H		✓	✓	✓	✓
F05B2H	CAN RAM test register 25 / CAN receive FIFO access register 1AH	RPGACC25L/ RFIDH1L	RPGACC25/ RFIDH1	✓	✓	✓	✓
F05B3H		RPGACC25H/ RFIDH1H		✓	✓	✓	✓
F05B4H	CAN RAM test register 26 / CAN receive FIFO access register 1BL	RPGACC26L/ RFTS1L	RPGACC26/ RFTS1	✓	✓	✓	✓
F05B5H		RPGACC26H/ RFTS1H		✓	✓	✓	✓
F05B6H	CAN RAM test register 27 / CAN receive FIFO access register 1BH	RPGACC27L/ RFPTR1L	RPGACC27/ RFPTR1	✓	✓	✓	✓
F05B7H		RPGACC27H/ RFPTR1H		✓	✓	✓	✓
F05B8H	CAN RAM test register 28 / CAN receive FIFO access register 1CL	RPGACC28L/ RFDF01L	RPGACC28/ RFDF01	✓	✓	✓	✓
F05B9H		RPGACC28H/ RFDF01H		✓	✓	✓	✓
F05BAH	CAN RAM test register 29 / CAN receive FIFO access register 1CH	RPGACC29L/ RFDF11L	RPGACC29/ RFDF11	✓	✓	✓	✓
F05BBH		RPGACC29H/ RFDF11H		✓	✓	✓	✓
F05BCH	CAN RAM test register 30 / CAN receive FIFO access register 1DL	RPGACC30L/ RFDF21L	RPGACC30/ RFDF21	✓	✓	✓	✓
F05BDH		RPGACC30H/ RFDF21H		✓	✓	✓	✓
F05BEH	CAN RAM test register 31 / CAN receive FIFO access register 1DH	RPGACC31L/ RFDF31L	RPGACC31/ RFDF31	✓	✓	✓	✓
F05BFH		RPGACC31H/ RFDF31H		✓	✓	✓	✓
F05C0H	CAN RAM test register 32	RPGACC32L	RPGACC32	✓	✓	✓	✓
F05C1H		RPGACC32H		✓	✓	✓	✓
F05C2H	CAN RAM test register 33	RPGACC33L	RPGACC33	✓	✓	✓	✓
F05C3H		RPGACC33H		✓	✓	✓	✓
F05C4H	CAN RAM test register 34	RPGACC34L	RPGACC34	✓	✓	✓	✓
F05C5H		RPGACC34H		✓	✓	✓	✓
F05C6H	CAN RAM test register 35	RPGACC35L	RPGACC35	✓	✓	✓	✓
F05C7H		RPGACC35H		✓	✓	✓	✓
F05C8H	CAN RAM test register 36	RPGACC36L	RPGACC36	✓	✓	✓	✓
F05C9H		RPGACC36H		✓	✓	✓	✓
F05CAH	CAN RAM test register 37	RPGACC37L	RPGACC37	✓	✓	✓	✓
F05CBH		RPGACC37H		✓	✓	✓	✓
F05CCH	CAN RAM test register 38	RPGACC38L	RPGACC38	✓	✓	✓	✓
F05CDH		RPGACC38H		✓	✓	✓	✓
F05CEH	CAN RAM test register 39	RPGACC39L	RPGACC39	✓	✓	✓	✓
F05CFH		RPGACC39H		✓	✓	✓	✓
F05D0H	CAN RAM test register 40	RPGACC40L	RPGACC40	✓	✓	✓	✓
F05D1H		RPGACC40H		✓	✓	✓	✓

Table 3-6 List of extended SFRs (2ⁿᵈ SFR) of Group E of RL78/F14 (22/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F05D2H	CAN RAM test register 41	RPGACC41L	RPGACC41	✓	✓	✓	✓
F05D3H		RPGACC41H		✓	✓	✓	✓
F05D4H	CAN RAM test register 42	RPGACC42L	RPGACC42	✓	✓	✓	✓
F05D5H		RPGACC42H		✓	✓	✓	✓
F05D6H	CAN RAM test register 43	RPGACC43L	RPGACC43	✓	✓	✓	✓
F05D7H		RPGACC43H		✓	✓	✓	✓
F05D8H	CAN RAM test register 44	RPGACC44L	RPGACC44	✓	✓	✓	✓
F05D9H		RPGACC44H		✓	✓	✓	✓
F05DAH	CAN RAM test register 45	RPGACC45L	RPGACC45	✓	✓	✓	✓
F05DBH		RPGACC45H		✓	✓	✓	✓
F05DCH	CAN RAM test register 46	RPGACC46L	RPGACC46	✓	✓	✓	✓
F05DDH		RPGACC46H		✓	✓	✓	✓
F05DEH	CAN RAM test register 47	RPGACC47L	RPGACC47	✓	✓	✓	✓
F05DFH		RPGACC47H		✓	✓	✓	✓
F05E0H	CAN RAM test register 48 / CAN transmit/receive FIFO access register 0AL	RPGACC48L/ CFIDL0L	RPGACC48/ CFIDL0	✓	✓	✓	✓
F05E1H		RPGACC48H/ CFIDL0H		✓	✓	✓	✓
F05E2H	CAN RAM test register 49 / CAN transmit/receive FIFO access register 0AH	RPGACC49L/ CFIDH0L	RPGACC49/ CFIDH0	✓	✓	✓	✓
F05E3H		RPGACC49H/ CFIDH0H		✓	✓	✓	✓
F05E4H	CAN RAM test register 50 / CAN transmit/receive FIFO access register 0BL	RPGACC50L/ CFTS0L	RPGACC50/ CFTS0	✓	✓	✓	✓
F05E5H		RPGACC50H/ CFTS0H		✓	✓	✓	✓
F05E6H	CAN RAM test register 51 / CAN transmit/receive FIFO access register 0BH	RPGACC51L/ CFPTR0L	RPGACC51/ CFPTR0	✓	✓	✓	✓
F05E7H		RPGACC51H/ CFPTR0H		✓	✓	✓	✓
F05E8H	CAN RAM test register 52 / CAN transmit/receive FIFO access register 0CL	RPGACC52L/ CFDF00L	RPGACC52/ CFDF00	✓	✓	✓	✓
F05E9H		RPGACC52H/ CFDF00H		✓	✓	✓	✓
F05EAH	CAN RAM test register 53 / CAN transmit/receive FIFO access register 0CH	RPGACC53L/ CFDF10L	RPGACC53/ CFDF10	✓	✓	✓	✓
F05EBH		RPGACC53H/ CFDF10H		✓	✓	✓	✓
F05ECH	CAN RAM test register 54 / CAN transmit/receive FIFO access register 0DL	RPGACC54L/ CFDF20L	RPGACC54/ CFDF20	✓	✓	✓	✓
F05EDH		RPGACC54H/ CFDF20H		✓	✓	✓	✓
F05EEH	CAN RAM test register 55 / CAN transmit/receive FIFO access register 0DH	RPGACC55L/ CFDF30L	RPGACC55/ CFDF30	✓	✓	✓	✓
F05EFH		RPGACC55H/ CFDF30H		✓	✓	✓	✓
F05F0H	CAN RAM test register 56	RPGACC56L	RPGACC56	✓	✓	✓	✓
F05F1H		RPGACC56H		✓	✓	✓	✓
F05F2H	CAN RAM test register 57	RPGACC57L	RPGACC57	✓	✓	✓	✓
F05F3H		RPGACC57H		✓	✓	✓	✓

RENESAS

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (23/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F05F4H	CAN RAM test register 58	RPGACC58L	RPGACC58	✓	✓	✓	✓
F05F5H		RPGACC58H		✓	✓	✓	✓
F05F6H	CAN RAM test register 59	RPGACC59L	RPGACC59	✓	✓	✓	✓
F05F7H		RPGACC59H		✓	✓	✓	✓
F05F8H	CAN RAM test register 60	RPGACC60L	RPGACC60	✓	✓	✓	✓
F05F9H		RPGACC60H		✓	✓	✓	✓
F05FAH	CAN RAM test register 61	RPGACC61L	RPGACC61	✓	✓	✓	✓
F05FBH		RPGACC61H		✓	✓	✓	✓
F05FCH	CAN RAM test register 62	RPGACC62L	RPGACC62	✓	✓	✓	✓
F05FDH		RPGACC62H		✓	✓	✓	✓
F05FEH	CAN RAM test register 63	RPGACC63L	RPGACC63	✓	✓	✓	✓
F05FFH		RPGACC63H		✓	✓	✓	✓
F0600H	CAN RAM test register 64 / CAN transmit buffer register 0AL	RPGACC64L/ TMIDL0L	RPGACC64/ TMIDL0	✓	✓	✓	✓
F0601H		RPGACC64H/ TMIDL0H		✓	✓	✓	✓
F0602H	CAN RAM test register 65 / CAN transmit buffer register 0AH	RPGACC65L/ TMIDH0L	RPGACC65/ TMIDH0	✓	✓	✓	✓
F0603H		RPGACC65H/ TMIDH0H		✓	✓	✓	✓
F0604H	CAN RAM test register 66	RPGACC66L	RPGACC66	✓	✓	✓	✓
F0605H		RPGACC66H		✓	✓	✓	✓
F0606H	CAN RAM test register 67 / CAN transmit buffer register 0BH	RPGACC67L/ TMPTR0L	RPGACC67/ TMPTR0	✓	✓	✓	✓
F0607H		RPGACC67H/ TMPTR0H		✓	✓	✓	✓
F0608H	CAN RAM test register 68 / CAN transmit buffer register 0CL	RPGACC68L/ TMDF00L	RPGACC68/ TMDF00	✓	✓	✓	✓
F0609H		RPGACC68H/ TMDF00H		✓	✓	✓	✓
F060AH	CAN RAM test register 69 / CAN transmit buffer register 0CH	RPGACC69L/ TMDF10L	RPGACC69/ TMDF10	✓	✓	✓	✓
F060BH		RPGACC69H/ TMDF10H		✓	✓	✓	✓
F060CH	CAN RAM test register 70 / CAN transmit buffer register 0DL	RPGACC70L/ TMDF20L	RPGACC70/ TMDF20	✓	✓	✓	✓
F060DH		RPGACC70H/ TMDF20H		✓	✓	✓	✓
F060EH	CAN RAM test register 71 / CAN transmit buffer register 0DH	RPGACC71L/ TMDF30L	RPGACC71/ TMDF30	✓	✓	✓	✓
F060FH		RPGACC71H/ TMDF30H		✓	✓	✓	✓
F0610H	CAN RAM test register 72 / CAN transmit buffer register 1AL	RPGACC72L/ TMIDL1L	RPGACC72/ TMIDL1	✓	✓	✓	✓
F0611H		RPGACC72H/ TMIDL1H		✓	✓	✓	✓
F0612H	CAN RAM test register 73 / CAN transmit buffer register 1AH	RPGACC73L/ TMIDH1L	RPGACC73/ TMIDH1	✓	✓	✓	✓
F0613H		RPGACC73H/ TMIDH1H		✓	✓	✓	✓

Table 3-6 List of extended SFRs (2ⁿᵈ SFR) of Group E of RL78/F14 (24/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F0614H	CAN RAM test register 74	RPGACC74L	RPGACC74	✓	✓	✓	✓
F0615H		RPGACC74H		✓	✓	✓	✓
F0616H	CAN RAM test register 75 / CAN transmit buffer register 1BH	RPGACC75L/ TMPTR1L	RPGACC75/ TMPTR1	✓	✓	✓	✓
F0617H		RPGACC75H/ TMPTR1H		✓	✓	✓	✓
F0618H	CAN RAM test register 76 / CAN transmit buffer register 1CL	RPGACC76L/ TMDF01L	RPGACC76/ TMDF01	✓	✓	✓	✓
F0619H		RPGACC76H/ TMDF01H		✓	✓	✓	✓
F061AH	CAN RAM test register 77 / CAN transmit buffer register 1CH	RPGACC77L/ TMDF11L	RPGACC77/ TMDF11	✓	✓	✓	✓
F061BH		RPGACC77H/ TMDF11H		✓	✓	✓	✓
F061CH	CAN RAM test register 78 / CAN transmit buffer register 1DL	RPGACC78L/ TMDF21L	RPGACC78/ TMDF21	✓	✓	✓	✓
F061DH		RPGACC78H/ TMDF21H		✓	✓	✓	✓
F061EH	CAN RAM test register 79 / CAN transmit buffer register 1DH	RPGACC79L/ TMDF31L	RPGACC79/ TMDF31	✓	✓	✓	✓
F061FH		RPGACC79H/ TMDF31H		✓	✓	✓	✓
F0620H	CAN RAM test register 80 / CAN transmit buffer register 2AL	RPGACC80L/ TMIDL2L	RPGACC80/ TMIDL2	✓	✓	✓	✓
F0621H		RPGACC80H/ TMIDL2H		✓	✓	✓	✓
F0622H	CAN RAM test register 81 / CAN transmit buffer register 2AH	RPGACC81L/ TMIDH2L	RPGACC81/ TMIDH2	✓	✓	✓	✓
F0623H		RPGACC81H/ TMIDH2H		✓	✓	✓	✓
F0624H	CAN RAM test register 82	RPGACC82L	RPGACC82	✓	✓	✓	✓
F0625H		RPGACC82H		✓	✓	✓	✓
F0626H	CAN RAM test register 83 / CAN transmit buffer register 2BH	RPGACC83L/ TMPTR2L	RPGACC83/ TMPTR2	✓	✓	✓	✓
F0627H		RPGACC83H/ TMPTR2H		✓	✓	✓	✓
F0628H	CAN RAM test register 84 / CAN transmit buffer register 2CL	RPGACC84L/ TMDF02L	RPGACC84/ TMDF02	✓	✓	✓	✓
F0629H		RPGACC84H/ TMDF02H		✓	✓	✓	✓
F062AH	CAN RAM test register 85 / CAN transmit buffer register 2CH	RPGACC85L/ TMDF12L	RPGACC85/ TMDF12	✓	✓	✓	✓
F062BH		RPGACC85H/ TMDF12H		✓	✓	✓	✓
F062CH	CAN RAM test register 86 / CAN transmit buffer register 2DL	RPGACC86L/ TMDF22L	RPGACC86/ TMDF22	✓	✓	✓	✓
F062DH		RPGACC86H/ TMDF22H		✓	✓	✓	✓

RENESAS

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (25/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F062EH	CAN RAM test register 87 / CAN transmit buffer register 2DH	RPGACC87L/ TMDF32L	RPGACC87/ TMDF32	✓	✓	✓	✓
F062FH		RPGACC87H/ TMDF32H		✓	✓	✓	✓
F0630H	CAN RAM test register 88 / CAN transmit buffer register 3AL	RPGACC88L/ TMIDL3L	RPGACC88/ TMIDL3	✓	✓	✓	✓
F0631H		RPGACC88H/ TMIDL3H		✓	✓	✓	✓
F0632H	CAN RAM test register 89 / CAN transmit buffer register 3AH	RPGACC89L/ TMIDH3L	RPGACC89/ TMIDH3	✓	✓	✓	✓
F0633H		RPGACC89H/ TMIDH3H		✓	✓	✓	✓
F0634H	CAN RAM test register 90	RPGACC90L	RPGACC90	✓	✓	✓	✓
F0635H		RPGACC90H		✓	✓	✓	✓
F0636H	CAN RAM test register 91 / CAN transmit buffer register 3BH	RPGACC91L/ TMPTR3L	RPGACC91/ TMPTR3	✓	✓	✓	✓
F0637H		RPGACC91H/ TMPTR3H		✓	✓	✓	✓
F0638H	CAN RAM test register 92 / CAN transmit buffer register 3CL	RPGACC92L/ TMDF03L	RPGACC92/ TMDF03	✓	✓	✓	✓
F0639H		RPGACC92H/ TMDF03H		✓	✓	✓	✓
F063AH	CAN RAM test register 93 / CAN transmit buffer register 3CH	RPGACC93L/ TMDF13L	RPGACC93/ TMDF13	✓	✓	✓	✓
F063BH		RPGACC93H/ TMDF13H		✓	✓	✓	✓
F063CH	CAN RAM test register 94 / CAN transmit buffer register 3DL	RPGACC94L/ TMDF23L	RPGACC94/ TMDF23	✓	✓	✓	✓
F063DH		RPGACC94H/ TMDF23H		✓	✓	✓	✓
F063EH	CAN RAM test register 95 / CAN transmit buffer register 3DH	RPGACC95L/ TMDF33L	RPGACC95/ TMDF33	✓	✓	✓	✓
F063FH		RPGACC95H/ TMDF33H		✓	✓	✓	✓
F0640H	CAN RAM test register 96	RPGACC96L	RPGACC96	✓	✓	✓	✓
F0641H		RPGACC96H		✓	✓	✓	✓
F0642H	CAN RAM test register 97	RPGACC97L	RPGACC97	✓	✓	✓	✓
F0643H		RPGACC97H		✓	✓	✓	✓
F0644H	CAN RAM test register 98	RPGACC98L	RPGACC98	✓	✓	✓	✓
F0645H		RPGACC98H		✓	✓	✓	✓
F0646H	CAN RAM test register 99	RPGACC99L	RPGACC99	✓	✓	✓	✓
F0647H		RPGACC99H		✓	✓	✓	✓
F0648H	CAN RAM test register 100	RPGACC100L	RPGACC100	✓	✓	✓	✓
F0649H		RPGACC100H		✓	✓	✓	✓
F064AH	CAN RAM test register 101	RPGACC101L	RPGACC101	✓	✓	✓	✓
F064BH		RPGACC101H		✓	✓	✓	✓
F064CH	CAN RAM test register 102	RPGACC102L	RPGACC102	✓	✓	✓	✓
F064DH		RPGACC102H		✓	✓	✓	✓
F064EH	CAN RAM test register 103	RPGACC103L	RPGACC103	✓	✓	✓	✓
F064FH		RPGACC103H		✓	✓	✓	✓

RENESAS

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (26/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F0650H	CAN RAM test register 104	RPGACC104L	RPGACC104	✓	✓	✓	✓
F0651H		RPGACC104H		✓	✓	✓	✓
F0652H	CAN RAM test register 105	RPGACC105L	RPGACC105	✓	✓	✓	✓
F0653H		RPGACC105H		✓	✓	✓	✓
F0654H	CAN RAM test register 106	RPGACC106L	RPGACC106	✓	✓	✓	✓
F0655H		RPGACC106H		✓	✓	✓	✓
F0656H	CAN RAM test register 107	RPGACC107L	RPGACC107	✓	✓	✓	✓
F0657H		RPGACC107H		✓	✓	✓	✓
F0658H	CAN RAM test register 108	RPGACC108L	RPGACC108	✓	✓	✓	✓
F0659H		RPGACC108H		✓	✓	✓	✓
F065AH	CAN RAM test register 109	RPGACC109L	RPGACC109	✓	✓	✓	✓
F065BH		RPGACC109H		✓	✓	✓	✓
F065CH	CAN RAM test register 110	RPGACC110L	RPGACC110	✓	✓	✓	✓
F065DH		RPGACC110H		✓	✓	✓	✓
F065EH	CAN RAM test register 111	RPGACC111L	RPGACC111	✓	✓	✓	✓
F065FH		RPGACC111H		✓	✓	✓	✓
F0660H	CAN RAM test register 112	RPGACC112L	RPGACC112	✓	✓	✓	✓
F0661H		RPGACC112H		✓	✓	✓	✓
F0662H	CAN RAM test register 113	RPGACC113L	RPGACC113	✓	✓	✓	✓
F0663H		RPGACC113H		✓	✓	✓	✓
F0664H	CAN RAM test register 114	RPGACC114L	RPGACC114	✓	✓	✓	✓
F0665H		RPGACC114H		✓	✓	✓	✓
F0666H	CAN RAM test register 115	RPGACC115L	RPGACC115	✓	✓	✓	✓
F0667H		RPGACC115H		✓	✓	✓	✓
F0668H	CAN RAM test register 116	RPGACC116L	RPGACC116	✓	✓	✓	✓
F0669H		RPGACC116H		✓	✓	✓	✓
F066AH	CAN RAM test register 117	RPGACC117L	RPGACC117	✓	✓	✓	✓
F066BH		RPGACC117H		✓	✓	✓	✓
F066CH	CAN RAM test register 118	RPGACC118L	RPGACC118	✓	✓	✓	✓
F066DH		RPGACC118H		✓	✓	✓	✓
F066EH	CAN RAM test register 119	RPGACC119L	RPGACC119	✓	✓	✓	✓
F066FH		RPGACC119H		✓	✓	✓	✓
F0670H	CAN RAM test register 120	RPGACC120L	RPGACC120	✓	✓	✓	✓
F0671H		RPGACC120H		✓	✓	✓	✓
F0672H	CAN RAM test register 121	RPGACC121L	RPGACC121	✓	✓	✓	✓
F0673H		RPGACC121H		✓	✓	✓	✓
F0674H	CAN RAM test register 122	RPGACC122L	RPGACC122	✓	✓	✓	✓
F0675H		RPGACC122H		✓	✓	✓	✓
F0676H	CAN RAM test register 123	RPGACC123L	RPGACC123	✓	✓	✓	✓
F0677H		RPGACC123H		✓	✓	✓	✓
F0678H	CAN RAM test register 124	RPGACC124L	RPGACC124	✓	✓	✓	✓
F0679H		RPGACC124H		✓	✓	✓	✓
F067AH	CAN RAM test register 125	RPGACC125L	RPGACC125	✓	✓	✓	✓
F067BH		RPGACC125H		✓	✓	✓	✓
F067CH	CAN RAM test register 126	RPGACC126L	RPGACC126	✓	✓	✓	✓
F067DH		RPGACC126H		✓	✓	✓	✓
F067EH	CAN RAM test register 127	RPGACC127L	RPGACC127	✓	✓	✓	✓
F067FH		RPGACC127H		✓	✓	✓	✓
F0680H	CAN0 transmit history buffer access	THLACC0L	THLACC0	✓	✓	✓	✓
F0681H	register	THLACC0H		✓	✓	✓	✓

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (27/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F06C1H	LIN wakeup baud rate select register	LWBR0		✓	✓	✓	✓
		LWBR1		✓	✓	✓	✓
F06C2H	LIN/UART baud rate prescaler 0 register	LBRP00	LBRP0/	✓	✓	✓	✓
		LBRP10	LBRP1	✓	✓	✓	✓
F06C3H	LIN/UART baud rate prescaler 1 register	LBRP01		✓	✓	✓	✓
		LBRP11		✓	✓	✓	✓
F06C4H	LIN self-test control register	LSTC0		✓	✓	✓	✓
		LSTC1		✓	✓	✓	✓
F06C5H	UART standby control register	LUSC0		✓	✓	✓	✓
		LUSC1		✓	✓	✓	✓
F06C8H	LIN/UART mode register	LMD0		✓	✓	✓	✓
		LMD1		✓	✓	✓	✓
F06C9H	LIN break field configuration register / UART configuration register	LBFC0		✓	✓	✓	✓
		LBFC1		✓	✓	✓	✓
F06CAH	LIN/UART space configuration register	LSC0		✓	✓	✓	✓
		LSC1		✓	✓	✓	✓
F06CBH	LIN wakeup configuration register	LWUP0		✓	✓	✓	✓
		LWUP1		✓	✓	✓	✓
F06CCH	LIN interrupt enable register	LIE0		✓	✓	✓	✓
		LIE1		✓	✓	✓	✓
F06CDH	LIN/UART error detection enable register	LEDE0		✓	✓	✓	✓
		LEDE1		✓	✓	✓	✓
F06CEH	LIN/UART control register	LCUC0		✓	✓	✓	✓
		LCUC1		✓	✓	✓	✓
F06D0H	LIN/UART transmit control register	LTRC0		✓	✓	✓	✓
		LTRC1		✓	✓	✓	✓
F06D1H	LIN/UART mode status register	LMST0		✓	✓	✓	✓
		LMST1		✓	✓	✓	✓
F06D2H	LIN/UART status register	LST0		✓	✓	✓	✓
		LST1		✓	✓	✓	✓
F06D3H	LIN/UART error status register	LEST0		✓	✓	✓	✓
		LEST1		✓	✓	✓	✓
F06D4H	LIN/UART data field configuration register	LDFC0		✓	✓	✓	✓
		LDFC1		✓	✓	✓	✓
F06D5H	LIN/UART ID buffer register	LIDB0		✓	✓	✓	✓
		LIDB1		✓	✓	✓	✓
F06D6H	LIN checksum buffer register	LCBR0		✓	✓	✓	✓
		LCBR1		✓	✓	✓	✓
F06D7H	UART data buffer 0 register	LUDB00		✓	✓	✓	✓
		LUDB10		✓	✓	✓	✓
F06D8H	LIN/UART data buffer 1 register	LDB01		✓	✓	✓	✓
		LDB11		✓	✓	✓	✓
F06D9H	LIN/UART data buffer 2 register	LDB02		✓	✓	✓	✓
		LDB12		✓	✓	✓	✓
F06DAH	LIN/UART data buffer 3 register	LDB03		✓	✓	✓	✓
		LDB13		✓	✓	✓	✓
F06DBH	LIN/UART data buffer 4 register	LDB04		✓	✓	✓	✓
		LDB14		✓	✓	✓	✓

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (28/29)

Address	Special function register (SFR) name	Symbol		Pin count			
				100-pin	80-pin	64-pin	48-pin
F06DCH	LIN/UART data buffer 5 register	LDB05		✓	✓	✓	✓
		LDB15		✓	✓	✓	✓
F06DDH	LIN/UART data buffer 6 register	LDB06		✓	✓	✓	✓
		LDB16		✓	✓	✓	✓
F06DEH	LIN/UART data buffer 7 register	LDB07		✓	✓	✓	✓
		LDB17		✓	✓	✓	✓
F06DFH	LIN/UART data buffer 8 register	LDB08		✓	✓	✓	✓
		LDB18		✓	✓	✓	✓
F06E0H	UART operation enable register	LUOER0		✓	✓	✓	✓
		LUOER1		✓	✓	✓	✓
F06E1H	UART option register 1	LUOR01		✓	✓	✓	✓
		LUOR11		✓	✓	✓	✓
F06E4H	UART transmission data register	LUTDR0L	LUTDR0/	✓	✓	✓	✓
		LUTDR1L	LUTDR1	✓	✓	✓	✓
F06E5H		LUTDR0H		✓	✓	✓	✓
		LUTDR1H		✓	✓	✓	✓
F06E6H	UART receive data register	LURDR0L	LURDR0/	✓	✓	✓	✓
		LURDR1L	LURDR1	✓	✓	✓	✓
F06E7H		LURDR0H		✓	✓	✓	✓
		LURDR1H		✓	✓	✓	✓
F06E8H	UART wait transmit data register	LUWTDR0L	LUWTDR0/	✓	✓	✓	✓
		LUWTDR1L	LUWTDR1	✓	✓	✓	✓
F06E9H		LUWTDR0H		✓	✓	✓	✓
		LUWTDR1H		✓	✓	✓	✓
F06F0H	Timer RJ counter register 0	TRJ0		✓	✓	✓	✓
F06F1H							
F0780H	Event output destination select register 00	ELSELR00		✓	✓	✓	✓
F0781H	Event output destination select register 01	ELSELR01		✓	✓	✓	✓
F0782H	Event output destination select register 02	ELSELR02		✓	✓	✓	✓
F0783H	Event output destination select register 03	ELSELR03		✓	✓	✓	✓
F0784H	Event output destination select register 04	ELSELR04		✓	✓	✓	✓
F0785H	Event output destination select register 05	ELSELR05		✓	✓	✓	✓
F0786H	Event output destination select register 06	ELSELR06		✓	✓	✓	✓
F0787H	Event output destination select register 07	ELSELR07		✓	✓	✓	✓
F0788H	Event output destination select register 08	ELSELR08		✓	✓	✓	✓
F0789H	Event output destination select register 09	ELSELR09		✓	✓	✓	✓
	A/D converter trigger select register 0	ADTRGS0					
F078AH	Event output destination select register 10	ELSELR10		✓	✓	✓	✓
F078BH	Event output destination select register 11	ELSELR11		✓	✓	✓	✓
F078CH	Event output destination select register 12	ELSELR12		✓	✓	✓	✓
F078DH	Event output destination select register 13	ELSELR13		✓	✓	✓	✓
	A/D converter trigger select register 1	ADTRGS1					
F078EH	Event output destination select register 14	ELSELR14		✓	✓	✓	✓
F078FH	Event output destination select register 15	ELSELR15		✓	✓	✓	✓
F0790H	Event output destination select register 16	ELSELR16		✓	✓	✓	✓
F0791H	Event output destination select register 17	ELSELR17		✓	✓	✓	✓
F0792H	Event output destination select register 18	ELSELR18		✓	✓	✓	✓
F0793H	Event output destination select register 19	ELSELR19		✓	✓	✓	✓
F0794H	Event output destination select register 20	ELSELR20		✓	✓	✓	✓
F0795H	Event output destination select register 21	ELSELR21		✓	✓	✓	✓

Table 3-6 List of extended SFRs (2nd SFR) of Group E of RL78/F14 (29/29)

Address	Special function register (SFR) name	Symbol	Pin count			
			100-pin	80-pin	64-pin	48-pin
F0796H	Event output destination select register 22	ELSELR22	✓	✓	✓	✓
F0797H	Event output destination select register 23	ELSELR23	✓	✓	✓	✓
F0798H	Event output destination select register 24	ELSELR24	✓	✓	✓	✓
F0799H	Event output destination select register 25	ELSELR25	✓	✓	✓	✓

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Revision History

Rev.	Date	Description	
		Page	Summary
Rev.1.00	2016.01.12		1st Edition

General Precautions in the Handling of Microprocessing Unit and Microcontroller Unit Products

The following usage notes are applicable to all Microprocessing unit and Microcontroller unit products from Renesas. For detailed usage notes on the products covered by this document, refer to the relevant sections of the document as well as any technical updates that have been issued for the products.

1. Handling of Unused Pins

   Handle unused pins in accordance with the directions given under Handling of Unused Pins in the manual.

   — The input pins of CMOS products are generally in the high-impedance state. In operation with an unused pin in the open-circuit state, extra electromagnetic noise is induced in the vicinity of LSI, an associated shoot-through current flows internally, and malfunctions occur due to the false recognition of the pin state as an input signal become possible. Unused pins should be handled as described under Handling of Unused Pins in the manual.

2. Processing at Power-on

   The state of the product is undefined at the moment when power is supplied.

   — The states of internal circuits in the LSI are indeterminate and the states of register settings and pins are undefined at the moment when power is supplied.
   In a finished product where the reset signal is applied to the external reset pin, the states of pins are not guaranteed from the moment when power is supplied until the reset process is completed.
   In a similar way, the states of pins in a product that is reset by an on-chip power-on reset function are not guaranteed from the moment when power is supplied until the power reaches the level at which resetting has been specified.

3. Prohibition of Access to Reserved Addresses

   Access to reserved addresses is prohibited.

   — The reserved addresses are provided for the possible future expansion of functions. Do not access these addresses; the correct operation of LSI is not guaranteed if they are accessed.

4. Clock Signals

   After applying a reset, only release the reset line after the operating clock signal has become stable. When switching the clock signal during program execution, wait until the target clock signal has stabilized.

   — When the clock signal is generated with an external resonator (or from an external oscillator) during a reset, ensure that the reset line is only released after full stabilization of the clock signal. Moreover, when switching to a clock signal produced with an external resonator (or by an external oscillator) while program execution is in progress, wait until the target clock signal is stable.

5. Differences between Products

   Before changing from one product to another, i.e. to a product with a different part number, confirm that the change will not lead to problems.

   — The characteristics of Microprocessing unit or Microcontroller unit products in the same group but having a different part number may differ in terms of the internal memory capacity, layout pattern, and other factors, which can affect the ranges of electrical characteristics, such as characteristic values, operating margins, immunity to noise, and amount of radiated noise. When changing to a product with a different part number, implement a system-evaluation test for the given product.

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