

RL78/F13, F14

R01AN2540EJ0100 Rev. 1.00 2016.01.12

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.

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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	Data	RAM		•	Pin o	Pin count			
Flash	Flash	KAW	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)

	Table 1.2 List of SFRs of Gr					Pin coun	t	
Address	Special function register (SFR) name	Sy	/mbol	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	EGP1		√	✓	✓	✓	✓
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Table 1-2 List of SFRs of Group A of RL78/F13 (LIN incorporated) (2/4)

	Table 1-2 List of SFRs of Gro	oup A of Ri	_/8/F13 (L	IN Incorp			Count			
Address	Special function register (SFR) name	Syı	mbol	04				00 1		
FFFORM	Futured intermed falling adds and la	EON4		64-pin	48-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	T: 55	TDDODO4								
FFF5CH	Timer RD general register C1	TRDGRC1		✓	✓	~	~	✓		
FFF5DH	Timer DD general register D1	TDDCDD4		/	√	./	./	√		
FFF5EH	Timer RD general register D1	TRDGRD1		•	•	•	•	•		
FFF5FH FFF64H	Timer data register 02	TDR02		✓	√	1	1	√		
FFF65H	Timer data register 02	IDNUZ		,	•	•	•	,		
FFF66H	Timer data register 03	TDR03L	TDR03	√	✓	√	y	√		
FFF67H	Timer data register 00	TDR03H	IBINOS	<i>✓</i>	·			·		
FFF68H	Timer data register 04	TDR04	1	√	√ ·	√ ·	√ ·	√ ·		
FFF69H	, inner data regions or									
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			1							
FFF76H	Timer data register 13	TDR13L	TDR13							
FFF77H	 	TDR13H								
FFF78H	Timer data register 14	TDR14								
FFF79H	The second state as existence 45	TDC:								
FFF7AH	Timer data register 15	TDR15								
FFF7BH	Timor data register 16	TDP46								
FFF7CH	Timer data register 16	TDR16								
FFF7DH FFF7EH	Timer data register 17	TDR17								
FFF7FH	Timer data register 17	IDNII								
FFF92H	Second count register	SEC		√	√	√	√	√		
FFF93H	Minute count register	MIN		✓	√	√	√	√		
FFF94H	Hour count register	HOUR		→	✓	✓	√	✓		
	1 Tour Journ Toglotor	.1001								

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

					•	Pin coun	t	
Address	Special function register (SFR) name	Sy	/mbol	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	ALARMWN		✓	✓	✓	✓	✓
FFF9BH	Alarm hour register	ALARMWH		✓	✓	✓	✓	✓
FFF9CH	Alarm week register	ALARMWW	l	✓	✓	✓	✓	✓
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	СКС		✓	✓	✓	✓	✓
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)

Adduss	Consider the second (CER) name				Pin count				
FFFEEH Priori FFFF0H Multip FFFF1H FFFF2H Multip	Special function register (SFR) name	3	Symbol		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)

	bie 1.3 List of extended SFRS (2 5				Pin count		<u>, </u>
Address	Special function register (SFR) name	Symbol	64-pin	48-pin	32-pin	30-pin	20-pin
F0010H	A/D converter mode register 2	ADM2	· ✓	·	·	·	·
F0011H	Conversion result comparison upper limit	48111	✓	✓	✓	✓	✓
	setting register	ADUL					
F0012H	Conversion result comparison lower limit	ADU	✓	✓	✓	✓	✓
	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	✓	√			
F003011	Pull-up resistor option register 1	PU1	· ·	· ·	✓	√	✓
F0033H	Pull-up resistor option register 3	PU3	· ✓	·	· ·	·	· ·
F0033H	Pull-up resistor option register 4	PU4	→	✓	✓	✓	✓
F003411	Pull-up resistor option register 5	PU5	√	•	•	•	-
	Pull-up resistor option register 6		✓	./	√		
F0036H	1 0	PU6 PU7	✓	✓ ✓	· ·		
F0037H	Pull-up resistor option register 7	PU9	✓	√			
F0039H	Pull-up resistor option register 9			· ·			
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			ļ		
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)

						Pin coun	t	
Address	Special function register (SFR) name	S	ymbol	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	HIOTRM		✓	✓	✓	✓	✓
	register							
F00A8H	High-speed on-chip oscillator frequency select register	HOCODIV		✓	√	✓	√	√
F00D8H	SPM control register	SPMCTRL		√	√	√	√	√
F00DAH	SP overflow address setting register	SPOFR		√	√	√	√	√
F00DBH	g. overhein daar ees eeumig regioter							
F00DCH	SP underflow address setting register	SPUFR		√	√	√	√	√
F00DDH		0.01.1						
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	Gorial status register es	-		√	√	√	√	✓
F0102H	Serial status register 01	SSR01L	SSR01	√	√	√	√	√
F0103H	- Conditional of the condition of the co	-		√	√	√	√	√
F0104H	Serial flag clear trigger register 00	SIR00L	SIR00	√	√	√	√	√
F0105H	g condining closi anggor regioner co	_		√	√	√	√	√
F0106H	Serial flag clear trigger register 01	SIR01L	SIR01	√	√	√	√	✓
F0107H	g condining closi anggor regioner or	-		√	√	√	√	√
F0108H	Serial mode register 00	SMR00		√	√	√	√	√
F0109H	gona mode regioner of							
F010AH	Serial mode register 01	SMR01		√	√	√	√	√
F010BH	- Conditioned Togister of	Similar.						
F010CH	Serial communication operation setting	SCR00		✓	√	√	√	√
F010DH	register 00	33,100						
F010EH	Serial communication operation setting	SCR01		✓	√	✓	√	√
F010FH	register 01	551.01						
F0110H	Serial channel enable status register 0	SE0L	SE0	✓	√	✓	√	√
F0111H	Contained official official fogister of	-	7 220	· ✓	·	· ·	· ·	·
F0112H	Serial channel start register 0	SS0L	SS0	· ·	·	·	·	· ✓
F0112H F0113H	Conai onaimoi statt register 0	-	- 550	✓	√	√	√	√
F0113H F0114H	Serial channel stop register 0	ST0L	ST0	√	✓	✓	√	√
F0114H F0115H	Serial Gladillel Stop register 0	JIUL	310	✓	√	√	√	∨
	Sorial clock coloct register 0	- CDCOI	SPS0	√	√	✓	√	√
F0116H	Serial clock select register 0	SPS0L	J 3730	✓ ✓	✓	✓	✓	✓

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

						Pin coun	t	
Address	Special function register (SFR) name	Sy	/mbol	64-pin	48-pin	32-pin	30-pin	20-pin
F0118H	Serial output register 0	SO0		✓	✓	✓	✓	✓
F0119H			1					
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	SCR10						
F014DH	register 10							
F014EH	Serial communication operation setting	SCR11						
F014FH	register 11							
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						1		
F0188H	Timer counter register 04	TCR04		✓	✓	✓	√	√
		1 - 1 - 1 - 1					l	

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

	ole 1-3 List of extended SFRs (2 nd S		•	10/1 13 (E		Pin coun	- ' '	,
Address	Special function register (SFR) name	S	ymbol	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	Transplantation as 111 2	-	TTC	√	✓	✓	√	√
F01B4H	Timer channel stop register 0	TT0L	TT0	√	✓	✓	√	√
F01B5H		-		√	√	✓	√	√
F01B6H	Timer clock select register 0	TPS0		✓	✓	✓	~	✓
F01B7H	-	TOO!	TOC		-		-	
F01B8H	Timer output register 0	TO0L	TO0	√	√	√ /	√	√
F01B9H	Timor output onable register 0	TOTAL	TOFO	✓ ✓	√ ./	✓ ✓	✓ ✓	✓ ✓
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)

141	ble 1-3 List of extended SFRs (2 nd SI		-	0/1 10 (2		Pin coun		
Address	Special function register (SFR) name	Sy	/mbol	64-pin	48-pin	32-pin	30-pin	20-pin
F01BCH	Timer output level register 0	TOL0L	TOL0	✓ ✓	√ ×	✓ /	✓ ×	✓ /
F01BDH	3	-		✓	✓	✓	✓	✓
F01BEH	Timer output mode register 0	TOM0L	TOM0	✓	√	✓	✓	✓
F01BFH	3	-		✓	✓	✓	✓	✓
F01C0H	Timer counter register 10	TCR10	1					
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	Times we do no cister 45	TMD45						
F01DAH	Timer mode register 15	TMR15						
F01DBH	Times made register 16	TMD46						
F01DCH F01DDH	Timer mode register 16	TMR16						
F01DDH	Timer mode register 17	TMR17						
F01DEH	Timer mode register 17	TIVIK 17						
F01E0H	Timer status register 10	TSR10L	TSR10					
F01E0H	Timor status register 10	- TOINTOL	131(10					
F01E1H	Timer status register 11	TSR11L	TSR11					
F01E3H	Timor states register 11	-						
F01E4H	Timer status register 12	TSR12L	TSR12					
F01E5H		-	- 101(12					
F01E6H	Timer status register 13	TSR13L	TSR13					
F01E7H]	-						
F01E8H	Timer status register 14	TSR14L	TSR14					
F01E9H	1	-						
F01EAH	Timer status register 15	TSR15L	TSR15					
F01EBH	1	-						
F01ECH	Timer status register 16	TSR16L	TSR16					
F01EDH	1	-						

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

	,		•	8/F13 (LII		Pin coun		
Address	Special function register (SFR) name	S	ymbol	64-pin	48-pin	32-pin	30-pin	20-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		TOU	T-04					
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		500/50						
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	ECCDWRV	ĸ	✓	✓	✓	✓	√
F0207H	B	DODOEL						,
F0220H	Port output slew rate select register	PSRSEL	`	√	✓	✓	√	✓
F0222H	SNOOZE status output control register 0	PSNZCNTO		√	✓	√	√	✓
F0223H	SNOOZE status output control register 1	PSNZCNT1		✓ ✓	✓	✓	√	
F0224H	SNOOZE status output control register 2	PSNZCNT2		✓	✓ ✓			
F0225H	SNOOZE status output control register 3	PSNZCNT3	3	· ·	· ·			
F0227H	D/A converter mode register 2	DAM2		✓	√	✓		√
F0228H	PWM output delay control register 0	PWMDLY0		*	•	•	~	•
F0229H F022AH	DWW output dolor control register 4	PWMDLY1		✓	√	√	√	√
	PWM output delay control register 1	PVVIVIDLY		*	•	•	•	ľ
F022BH F022CH	DWM output dolov control register 2	DWMDI VO						
F022DH	PWM output delay control register 2	PWMDLY2						
F022DH F0230H	IICA control register 00	IICCTL00						
F0230H F0231H	IICA control register 00 IICA control register 01	IICCTL00						
F0231H F0232H	IICA control register 01 IICA low-level width setting register 0	IICWL0						
F0232H	IICA low-level width setting register 0 IICA high-level width setting register 0	IICWH0						
F0233H F0234H	Slave address register 0	SVA0						
F0234H F0240H	Timer RJ control register 0	TRJCR0		✓	√	✓	√	√
F0240H	Timer RJ I/O control register 0	TRJIOC0		✓	✓	✓	√	
F0241H	Timer RJ mode register 0	TRJMR0		✓	√	√	√	✓
F0242H	Timer RJ event pin select register 0	TRJISR0		✓	√	√	√	
F0243H F0260H	Timer RD ELC register	TRDELC		*	,	,	,	
F0263H	Timer RD start register	TRDSTR		✓	√	✓	√	√
1 02030	רוווופו ועט אמונ ופעואנפו	INDOIN		✓	√	√		√

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

Table 1-3 List of extended SFRs (2 ^{no} SFR) of Group A of RL78/F13 (LIN incorporated) (7/10)							
Address	Special function register (SFR) name	Symbol	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	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	Timer ND general register Do	INDONE					
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	TRDPOCR1	· ✓	·	·	✓	·
F0286H	register 1 Timer RD counter 1	TRD1	✓	✓	✓	✓	✓
F0287H							İ
F0288H	Timer RD general register A1	TRDGRA1	✓	✓	✓	✓	✓
F0289H	3						
F028AH	Timer RD general register B1	TRDGRB1	✓	✓	✓	✓	✓
F028BH	3						
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	· ·	· ·	· ·	· ✓	· ✓
F02C9H	STOP status output control register	STPSTC	· ·	✓	-		
F02CAIT	High-speed DTC control register 0	HDTCCR0	· ·	✓	✓	√	✓
F02D0H	High-speed DTC transfer number register 0	HDTCCT0	· ·	✓	✓	√	√
F02D2H F02D3H	High-speed DTC transfer number reload	HDTRLD0	· ·	✓	✓	√	✓
1 020011	register 0	TID TIVEDO			'	,	
	register o			<u> </u>	1	l	<u> </u>

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

1 4 1		District extended Striks (2 Strik) of Group A of RE70/113 (Eliv Incorporated) (0/10						
Address	Special function register (SFR) name	Sym	nbol	04 !		Pin count		00 1
FOOD 411	Library and DTO assessment discussion of the con-	LIDTOADO		64-pin ✓	48-pin	32-pin ✓	30-pin	20-pin
F02D4H	High-speed DTC source address register 0	HDTSAR0		· ·	· ·	,	✓	V
F02D5H	High aread DTC destination address register.	LIDTDARO		√	√	√	√	√
F02D6H	High-speed DTC destination address register	HDTDAR0		· ·	· ·	,	V	•
F02D7H	0	LIDTOODA						√
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		✓	✓	V	√	V
F02DCH	High-speed DTC source address register 1	HDTSAR1		✓	✓	✓	✓	✓
F02DDH								
F02DEH	High-speed DTC destination address register	HDTDAR1		✓	✓	✓	✓	✓
F02DDH	1							
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	CAN-related registers are not supported by the	Group A produ	cts.			•	•	
-F0681H								
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)

					Pin coun	t	
Address	Special function register (SFR) name	Symbol	64-pin	48-pin	32-pin	30-pin	20-pin
F06C8H	LIN/UART mode register	LMD0	✓	✓	✓	✓	✓
	_	LMD1					
F06C9H	LIN break field configuration register/	LBFC0	✓	✓	✓	✓	✓
	UART configuration register	LBFC1					
F06CAH	LIN/UART space configuration register	LSC0	√	✓	√	√	√
		LSC1					
F06CBH	LIN wakeup configuration register	LWUP0	√	√	✓	√	√
. 0002		LWUP1					
F06CCH	LIN interrupt enable register	LIE0	✓	√	√	√	√
		LIE1					
F06CDH	LIN/UART error detection enable register	LEDE0	✓	√	√	√	✓
1 000011	En ver until actedien enable regioner	LEDE1					
F06CEH	LIN/UART control register	LCUC0	√	✓	√	√	√
1 000211	Lind of the control register	LCUC1					
F06D0H	LIN/UART transmission control register	LTRC0	√	√	√	√	√
1 000011	Envertical and an action register	LTRC1					-
F06D1H	LIN/UART mode status register	LMST0	√	✓	√	√	√
1 000 111	LIN/OAKT mode status register	LMST1		,	•	,	,
F06D2H	LIN/UART status register	LST0	√	✓	✓	√	√
гиорип	LIN/OAKT Status register	LST1	•	,	•	•	V
EUCDSH	LIN/LIABT arror status register	LESTO	✓	✓	✓	✓	√
F06D3H	LIN/UART error status register		•	· •	· •	•	· •
FOOD 411	LINI/LIADT data Cald as a Comment as a serietar	LEST1	√	√			
F06D4H	LIN/UART data field configuration register	LDFC0	•	· ·	√	√	✓
FOCDELL	LINI/LIADT ID buffer as sister	LDFC1	√	√	√	√	√
F06D5H	LIN/UART ID buffer register	LIDB0	•	· ·	· ·	•	· ·
FOODOLL	LINI should some buffer as a clates	LIDB1	✓	√	√	√	√
F06D6H	LIN checksum buffer register	LCBR0	· ·	· ·		· ·	V
FOODZII	HART data buffer 0 as sister	LCBR1	√	√		√	
F06D7H	UART data buffer 0 register	LUDB00	· ·	· ·	√	· ·	✓
FOODOLL	LINI/LIADT data buffer 4 na sister	LUDB10	√				
F06D8H	LIN/UART data buffer 1 register	LDB01	· ·	✓	√	√	✓
FOODOLL	LINIA DE LA LA CARRA DE CARRA DEL CARRA DE LA CARRA D	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		1			

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

						Pin coun	t		
Address	Special function register (SFR) name	Syn	nbol	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						<u> </u>	
F0793H	Event output destination select register 19	ELSELR19						 	
F0794H	Event output destination select register 20	ELSELR20						<u> </u>	
F0795H	Event output destination select register 21	ELSELR21						<u> </u>	
F0796H	Event output destination select register 22	ELSELR22							
F0797H	Event output destination select register 23	ELSELR23						<u> </u>	
F0798H	Event output destination select register 24	ELSELR24						<u> </u>	
F0799H	Event output destination select register 25	ELSELR25							

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	Data	D 4 14			Pin o	ount		
Flash	Flash	RAM	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)

	Table 1.5 List of SRFs of Gro	UP B OT KL	./8/F13 (LIN	Incorporated		
Address	Special function register (SFR) name	Sy	mbol	20 min	Pin count	40 min
FFFOOLI	Dort register 0	P0		80-pin ✓	64-pin ✓	48-pin ✓
FFF00H	Port register 0	P0		V ✓	∨	∨
FFF01H FFF03H	Port register 1 Port register 3	P1		√	∨	√
FFF04H	<u> </u>	P3		∨	√	√
FFF05H	Port register 4	P5		√	√	•
FFF05H	Port register 5 Port register 6	P6		√	√	✓
FFF07H	Port register 7	P7		√	→	√
FFF08H	Port register 8	P8		· ·	·	· ✓
FFF09H	Port register 9	P9		· ·	→	√
FFF0AH	Port register 10	P10		<u> </u>	,	•
FFF0CH	Port register 12	P12		√	√	√
FFF0DH	Port register 13	P13		√	√	√
FFF0EH	Port register 14	P14		· ·	→	√
	i	P15		· · ·	•	•
FFF0FH FFF10H	Port register 15 Serial data register 00	SDR00L	SDR00	✓	✓	√
FFF10H FFF11H	Genal data register 00	3DKUUL	30,000	✓	√	√
FFF11H FFF12H	Serial data register 01	SDR01L	SDR01	√	∨	√
FFF13H	Serial data register of	SDRUIL	SDRUI	✓	√	√
FFF18H	Timor data register 00	TDR00		√	√	V ✓
FFF19H	Timer data register 00	ואטו		ľ	ľ	·
FFF1AH	Timer data register 01	TDR01L	TDR01	✓	√	√
FFF1BH	Timer data register of	TDR01H	TURUI	√	√	√
FFF1EH	10-bit A/D conversion result register	-	ADCR	√	√	√
FFF1FH	8-bit A/D conversion result register	ADCRH	ADCK	√	√	√
FFF20H	Port mode register 0	PM0		√	→	√
FFF21H	Port mode register 0	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		<i>√</i>	· ·	· ✓
FFF28H	Port mode register 8	PM8		√	→	√
FFF29H	Port mode register 9	PM9		· ·	· ·	· ✓
FFF2AH	Port mode register 10	PM10		<u> </u>		
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	ADN		· ·	· ✓	· ✓
FFF32H	A/D converter mode register 1	ADM1		<i>✓</i>	√	√ ·
FFF34H	D/A conversion value setting register 0	DACS0				
FFF36H	D/A converter mode register	DAM		1		
FFF37H	Key return mode register	KRM		✓	√	✓
FFF38H	External interrupt rising edge enable register	EGP0		· ·	·	·
	0			,	,	,
FFF39H	External interrupt falling edge enable register 0	EGN0		✓	✓	✓
FFF3AH	External interrupt rising edge enable register	EGP1		✓	✓	✓
	1				1	

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

	Table 1-5 List of SRFs of Gro	up B of RL	78/F13 (LIN	incorporate		
Address	Special function register (SFR) name	Sv	mbol		Pin count	1
				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						
	Second count register	SEC		✓	✓	✓
FFF92H I					•	
FFF92H FFF93H	Minute count register	MIN		✓	✓	✓

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

۸ ما ما سم	Special function register (SSR)		Symbol		Pin count				
Address	Special function register (SFR) name	S	ymbol	80-pin	64-pin	48-pin			
FFF95H	Week count register	WEEK		✓	✓	✓			
FFF96H	Day count register	DAY		✓	✓	✓			
FF97H	Month count register	MONTH		✓	✓	✓			
FFF98H	Year count register	YEAR		✓	✓	✓			
FFF99H	Watch error correction register	SUBCUD		✓	✓	✓			
FF9AH	Alarm minute register	ALARMWM	1	✓	✓	✓			
FFF9BH	Alarm hour register	ALARMWH		✓	✓	✓			
FFF9CH	Alarm week register	ALARMWV	<i>l</i>	✓	✓	✓			
FF9DH	Real-time clock control register 0	RTCC0		✓	✓	✓			
FFF9EH	Real-time clock control register 1	RTCC1		✓	✓	✓			
FFA0H	Clock operation mode control register	CMC		✓	✓	✓			
FFA1H	Clock operation status control register	CSC		✓	✓	✓			
FFFA2H	Oscillation stabilization time counter status register	OSTC		✓	✓	✓			
FFA3H	Oscillation stabilization time select register	OSTS		✓	✓	✓			
FFA4H	System clock control register	СКС		✓	✓	✓			
FFA5H	Clock output select register 0	CKS0		✓	✓	✓			
FFA8H	Reset control flag register	RESF		✓	✓	✓			
FFA9H	Voltage detection register	LVIM		✓	✓	✓			
FFAAH	Voltage detection level register	LVIS		✓	✓	✓			
FFABH	Watchdog timer enable register	WDTE		✓	✓	✓			
FFACH	CRC input register	CRCIN		✓	✓	✓			
FFD0H	Interrupt request flag register 2L	IF2L	IF2	✓	✓	✓			
FFD1H	Interrupt request flag register 2H	IF2H		✓	✓	✓			
FFD2H	Interrupt request flag register 3L	IF3L							
FFFD4H	Interrupt mask flag register 2L	MK2L	MK2	✓	✓	✓			
FFD5H	Interrupt mask flag register 2H	MK2H		✓	✓	✓			
FFD6H	Interrupt mask flag register 3L	MK3L							
FFD8H	Priority specification flag register 02L	PR02L	PR02	✓	✓	✓			
FFD9H	Priority specification flag register 02H	PR02H		✓	✓	✓			
FFDAH	Priority specification flag register 03L	PR03L							
FFDCH	Priority specification flag register 12L	PR12L	PR12	✓	✓	✓			
FFDDH	Priority specification flag register 12H	PR12H		✓	✓	✓			
FFDEH	Priority specification flag register 13L	PR13L							
FFE0H	Interrupt request flag register 0L	IF0L	IF0	✓	✓	✓			
FFE1H	Interrupt request flag register 0H	IF0H		✓	✓	✓			
FFE2H	Interrupt request flag register 1L	IF1L	IF1	✓	✓	✓			
FFE3H	Interrupt request flag register 1H	IF1H		✓	✓	✓			
FFE4H	Interrupt mask flag register 0L	MK0L	MK0	✓	✓	✓			
FFE5H	Interrupt mask flag register 0H	MK0H		✓	✓	✓			
FFE6H	Interrupt mask flag register 1L	MK1L	MK1	✓	✓	✓			
FFE7H	Interrupt mask flag register 1H	MK1H		✓	✓	✓			
FFE8H	Priority specification flag register 00L	PR00L	PR00	✓	✓	✓			
FFE9H	Priority specification flag register 00H	PR00H		✓	✓	✓			
FFEAH	Priority specification flag register 01L	PR01L	PR01	✓	✓	✓			
FFEBH	Priority specification flag register 01H	PR01H		✓	√	✓			
FFECH	Priority specification flag register 10L	PR10L	PR10	✓	√	✓			
FFEDH	Priority specification flag register 10H	PR10H		✓	✓	✓			

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

Address	Special function register (SED) name	6.	Symbol		Pin count			
Address	Special function register (SFR) name	3	ymboi	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)

	0 116 (1 14 (277)			Pin count		
Address	Special function register (SFR) name	Symbol	80-pin	64-pin	48-pin	
F0010H	A/D converter mode register 2	ADM2	✓	✓	✓	
F0011H	Conversion result comparison upper limit	ADIII	✓	✓	✓	
	setting register	ADUL				
F0012H	Conversion result comparison lower limit	ADLI	✓	✓	✓	
	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	✓	✓	✓	
-0018H	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	✓	✓	✓	
-001CH	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	✓	√	✓	
-002CH	Port input threshold control register 15	PITHL15	<u> </u>	,	<u> </u>	
F0030H	-	PU0	√	√	√	
	Pull-up resistor option register 0	PU1	→	√	✓	
F0031H	Pull-up resistor option register 1	PU3	√	√	~ ✓	
F0033H	Pull-up resistor option register 3		√	 		
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	√	✓		
-003AH	Pull-up resistor option register 10	PU10				
F003CH	Pull-up resistor option register 12	PU12	√	V	<u>√</u>	
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	√			
-0046H	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	✓	✓	✓	

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

Address	Consider the second of CERN name	C			Pin count	
Address	Special function register (SFR) name	5)	mbol	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	g. evelines daarees setting register	0. 0				
F00DCH	SP underflow address setting register	SPUFR		✓	✓	√
F00DDH	or undernow address setting register	OI OI IX			-	
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	Contai status register ee	-		√	✓	√
F0102H	Serial status register 01	SSR01L	SSR01	✓	✓	✓
F0103H	gonal status registion or	-		✓	✓	√
F0104H	Serial flag clear trigger register 00	SIR00L	SIR00	✓	✓	✓
F0105H	g Gorial mag ordar angger regioner ee	-		✓	✓	✓
F0106H	Serial flag clear trigger register 01	SIR01L	SIR01	✓	✓	✓
F0107H	30 13 11	-		✓	✓	✓
F0108H	Serial mode register 00	SMR00		√	✓	✓
F0109H	3					
F010AH	Serial mode register 01	SMR01		✓	✓	✓
F010BH	Ğ					
F010CH	Serial communication operation setting	SCR00		√	✓	✓
F010DH	register 00					
F010EH	Serial communication operation setting	SCR01		√	√	✓
F010FH	register 01					
F0110H	Serial channel enable status register 0	SE0L	SE0	✓	✓	✓
F0111H	Ĭ	-		✓	✓	✓
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	1	-		√	✓	✓

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

Address	Special function register (SED) name	6	Symbol		Pin count	
Address	Special function register (SFR) name	3,	yiiiboi	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	SCR10		✓	✓	✓
F014DH	register 10					
F014EH	Serial communication operation setting	SCR11		✓	✓	✓
F014FH	register 11					
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					<u> </u>	
F0186H	Timer counter register 03	TCR03		✓	✓	✓
F0187H						
F0188H	Timer counter register 04	TCR04		✓	✓	✓
-0189H]					

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	e,	ymbol		Pin count	
			ymbol	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	T	TMB00				,
F0194H	Timer mode register 02	TMR02		✓	√	✓
F0195H						,
F0196H	Timer mode register 03	TMR03		✓	✓	✓
F0197H				√	,	,
F0198H	Timer mode register 04	TMR04	TMR04		√	✓
F0199H	T'un an ann de an aistea C5	TMR05				,
F019AH	Timer mode register 05	TMR05		✓	✓	✓
F019BH	Times and a register 00	TMDCC		√	,	,
F019CH	Timer mode register 06	TMR06		V	√	√
F019DH	T: 1 : 1 07	TMDOZ				,
F019EH	Timer mode register 07	TMR07		✓	✓	√
F019FH	Time and at the consistence of	TODOOL	TODOS		,	,
F01A0H	Timer status register 00	TSR00L	TSR00	√	√	√
F01A1H	Time and attacking the minutes of		TCDO4	✓ ✓	✓ ✓	✓ ✓
F01A2H	Timer status register 01	TSR01L	TSR01	✓	∨	
F01A3H	Times status register 02	TCD001	TCDOO	✓	∨	✓ ✓
F01A4H	Timer status register 02	TSR02L	TSR02	✓	∨	∨
F01A5H	Times atatus register 02	TCDON	TCDO2	V ✓	∨	✓
F01A6H	Timer status register 03	TSR03L	TSR03	✓	∨	∨
F01A7H F01A8H	Timer status register 04	TSR04L	TSR04	· ·	✓	✓
F01A9H	Timer status register 04	13K04L	13804	✓	✓	✓
F01AAH	Timer status register 05	TSR05L	TSR05	√	✓	✓
F01ABH	Timer status register 03	- TORUSE	13803	✓	✓	✓
F01ACH	Timer status register 06	TSR06L	TSR06	· ·	· ·	· ·
F01ADH	Timer status register oo	-	101100	· ·	·	·
F01AEH	Timer status register 07	TSR07L	TSR07	√	✓ ·	√
F01AFH	Timer status register er	-		✓	√	√
F01B0H	Timer channel enable status register 0	TEOL	TE0	· ·	· ✓	· ·
F01B1H	Statistics office of office of the o	-		· ·	· ✓	· ·
F01B2H	Timer channel start register 0	TS0L	TS0	· ·	· ·	·
F01B3H	s. startio start register o	-	┦ ' 🍮	· ·	·	·
F01B4H	Timer channel stop register 0	TT0L	TT0	· ·	·	·
F01B5H		-	┦ँ	✓	√	√
F01B6H			1			
F01B7H	Timer clock select register 0	TPS0		✓	✓	✓
F01B8H	Timer output register 0	TO0L	TO0	√	√	✓
F01B9H	saipai (sg.s.s.)	-	-	✓	✓	√
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)

A d drago	Special function register (SFR) name		uma la al		Pin count	
Address	Special function register (SFK) halfle	5	ymbol	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	1	-				

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

	ole 1-6 List of extended SFRs (2 nd SF	T			Pin count	,
Address	Special function register (SFR) name	S	ymbol	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	ECCDWRV	′R	✓	✓	✓
F0207H						
F0220H	Port output slew rate select register	PSRSEL		✓	✓	✓
F0222H	SNOOZE status output control register 0	PSNZCNT)	✓	✓	✓
F0223H	SNOOZE status output control register 1	PSNZCNT ²	1	✓	✓	✓
F0224H	SNOOZE status output control register 2	PSNZCNT2	2	✓	✓	✓
F0225H	SNOOZE status output control register 3	PSNZCNT3	3	✓	✓	✓
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)

Addross	Special function register (SER) name	Symbol		Pin count	
Address	Special function register (SFR) name	Symbol	80-pin	64-pin	48-pin
F0263H	Timer RD start register	TRDSTR	✓	✓	✓
0264H	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	✓	✓	✓
-026AH	Timer RD digital filter function select register 0	TRDDF0	✓	✓	✓
-026BH	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	TRDPOCR0	✓	✓	✓
	register 0				
F0276H	Timer RD counter 0	TRD0	✓	✓	✓
-0277H					
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	TRDPOCR1	✓	✓	✓
	register 1				
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			
-02A1H	Comparator I/O switch register	CMPSEL			
-02A2H	Comparator output monitor register	CMPMON			
F02C0H	Peripheral enable register 1	PER1	✓	✓	✓
-02C1H	Peripheral enable register 2	PER2	✓	✓	✓
F02C2H	CAN clock select register	CANCKSEL			
-02C3H	LIN clock select register	LINCKSEL	✓	✓	✓
-02C4H	Clock select register	CKSEL	✓	✓	✓
F02C5H	PLL control register	PLLCTL	✓	✓	✓
F02C6H	PLL status register	PLLSTS	✓	✓	✓
-02C7H	f _{MP} clock division register	MDIV	✓	✓	✓
F02C8H	RTC clock select register	RTCCL	✓	√	✓
-02C9H	POR/CLM reset confirmation register	POCRES	✓	√	✓
F02CAH	STOP status output control register	STPSTC	√	✓	✓
F02D0H	High-speed DTC control register 0	HDTCCR0	√	✓	√

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

Address	Special function register (SED) name	S.m.	hol		Pin count	
Address	Special function register (SFR) name	Sym	DUI .	80-pin	64-pin	48-pin
F02D2H	High-speed DTC transfer number register 0	HDTCCT0		✓	✓	✓
F02D3H	High-speed DTC transfer number reload	HDTRLD0		✓	✓	✓
	register 0					
F02D4H	High-speed DTC source address register 0	HDTSAR0		✓	✓	✓
F02D5H						
F02D6H	High-speed DTC destination address register	HDTDAR0		✓	✓	✓
F02D7H	0					
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	HDTDAR1		✓	✓	✓
F02DDH	1					
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 -	CAN-related registers are not supported by the	Group B products	S.			
F0681H		T		1 .	Τ .	1 .
F06C1H	LIN wakeup baud rate select register	LWBR0		✓	✓	✓
		LWBR1				
F06C2H	LIN/UART baud rate prescaler 0 register	LBRP00	LBRP0/	√	✓	✓
FOCOCIA	LINI/LIADT have not a proceed and a project	LBRP10	LBRP1		,	,
F06C3H	LIN/UART baud rate prescaler 1 register	LBRP01		√	✓	✓
F000411	I I I I I I I I I I I I I I I I I I I	LBRP11				,
F06C4H	LIN self-test control register	LSTC0		√	✓	✓
FOOGELL	LIART of the discount of the state of	LSTC1				,
F06C5H	UART standby control register	LUSC0		√	✓	✓
F06C8H	LINI/LIADT mode register	LUSC1 LMD0		✓	√	√
FU6C8H	LIN/UART mode register			· ·	•	•
EUCCUL	LINI brook field configuration as sister/	LMD1		✓	√	√
F06C9H	LIN break field configuration register/	LBFC0		Y	V	
	UART configuration register	LBFC1				
F06CAH	LIN/UART space configuration register	LSC0		✓	✓	✓
		LSC1				
F06CBH	LIN wakeup configuration register	LWUP0		✓	✓	✓
		LWUP1				

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

A .I .I	On a dial (see alian na miatan (OFD) na ma	0		Pin count	
Address	Special function register (SFR) name	Symbol	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	✓	✓	✓
. 0020		LCBR1			
F06D7H	UART data buffer 0 register	LUDB00	✓	√	√
. 002711	Critici data banor e regioter	LUDB10			
F06D8H	LIN/UART data buffer 1 register	LDB01	✓	√	√
1 000011	Enverticate building Prograter	LDB11		-	
F06D9H	LIN/UART data buffer 2 register	LDB02	✓	√	√
. 002011	En vo vivi data banor E regioter	LDB12			
F06DAH	LIN/UART data buffer 3 register	LDB03	✓	√	√
1 000/111	Enverting and building register	LDB13		-	
F06DBH	LIN/UART data buffer 4 register	LDB04	✓	✓	√
TOODDIT	Envoluti data bandi 4 register	LDB14		-	
F06DCH	LIN/UART data buffer 5 register	LDB05	✓	√	√
. 002011	En vortice data buttor o regioner	LDB15			
F06DDH	LIN/UART data buffer 6 register	LDB06	✓	√	√
. 0000.	En vortice data buttor o regioner	LDB16			
F06DEH	LIN/UART data buffer 7 register	LDB07	✓	√	✓
TOODLIT	Envolver data buller / register	LDB17	•	,	
F06DFH	LIN/UART data buffer 8 register	LDB08	✓	√	√
I OODI II	LIN/OAKT data build o register	LDB18	<u> </u>	, , ,	
F06E0H	UART operation enable register	LUOER0	✓	√	√
1 000011	OAKT operation enable register	LUOER1	•	,	,
F06E1H	UART option register 1	LUOR01	✓	✓	√
FUOL III	OAKT option register 1	LUOR11	<u> </u>	· ·	,
F06E4H	UART transmission data register	LUTDROL LUTDRO/	✓	✓	√
1 00∟4∏	OAKT transmission data register	LUTDR1L LUTDR1	•	 	*
EOGEFU	-		✓	✓	√
F06E5H		LUTDR0H	· ·	, ,	· ·
FOCECLI	LIADT receive data resistan	LUTDR1H			,
F06E6H	UART receive data register	LURDROL LURDRO/	✓	✓	✓
F00F7!!	-	LURDR1L LURDR1			
F06E7H		LURDR0H	✓	✓	✓
		LURDR1H			1

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

	Out and formation and interest (OFR)	of Group B	Symbol		Pin count	,
Address	Special function register (SFR) name	Syn	IDOI	80-pin	64-pin	48-pin
F06E8H	UART wait transfer data register	LUWTDR0L	LUWTDR0/	√	√	✓
		LUWTDR1L	LUWTDR1			
F06E9H	1	LUWTDR0H		✓	✓	✓
		LUWTDR1H				
F06F0H	Timer RJ counter register 0	TRJ0		✓	✓	✓
F06F1H	1					
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	Data	DAM	Pin count						
Flash	Flash	KAW	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).

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

	Table 2.2 List of SFRs of Group C	OI KL10/F13 (CAN al		Pin count					
Address	Special function register (SFR) name	Sy	mbol	80-pin	64-pin	48-pin	32-pin	30-pin	
FFF00H	Port register 0	P0		ou-pin	64-piii	46-piii	32-piii	30-biii	
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		-	1	✓	✓	✓	✓	✓	
FFF12H	Serial data register 01	SDR01L	SDR01	✓	✓	✓	✓	✓	
FFF13H		-	7	✓	✓	✓	✓	✓	
FFF18H	Timer data register 00	TDR00		✓	✓	✓	✓	✓	
FFF19H	, and the second								
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						<u> </u>	
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 2-2 List of SFRs of Group C of RL78/F13 (CAN and LIN incorporated) (2/4)

	0 11(11 14 (050)					Pin coun	t	
Address	Special function register (SFR) name	Sy	mbol	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	Times data resistant 00	TDDOO						
FFF64H	Timer data register 02	TDR02		✓	✓	✓	✓	✓
FFF65H	Tierra dete espietes 02	TDD001	TDD00					
FFF66H FFF67H	Timer data register 03	TDR03L	TDR03	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓
FFF68H	Timer data register 04	TDR03H TDR04			∨	√	∨	V ✓
FFF69H	Timer data register 04	IDK04		ľ	•	•	•	•
FFF6AH	Timer data register 05	TDR05		√	√	√	√	√
FFF6BH	Timor data register of	IBROO						
FFF6CH	Timer data register 06	TDR06		✓	√	√	√	√
FFF6DH	, inner data regioter ee							
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		TDD:						
FFF7EH	Timer data register 17	TDR17						
FFF7FH		050						,
FFF92H	Second count register	SEC		√	√	√	√	√
FFF93H	Minute count register	MIN		√	√	√	√	√
FFF94H	Hour count register	HOUR		✓	✓	✓	✓	✓

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

A alale	Consist function resister (CED)					Pin coun	t	
Address	Special function register (SFR) name	S	ymbol	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	ALARMWN	1	✓	✓	✓	✓	✓
FFF9BH	Alarm hour register	ALARMWH		✓	✓	✓	✓	✓
FFF9CH	Alarm week register	ALARMWV	/	✓	✓	✓	✓	✓
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	СКС		✓	✓	✓	✓	✓
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	7	✓	✓	✓	✓	✓
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 2-2 List of SFRs of Group C of RL78/F13 (CAN and LIN incorporated) (4/4)

A -l -l	Special function register (SFR) name	Symbol			Pin count					
Address				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)

Table 2.	3 List of extended SFRs (2" SFR) o	Cloup o of KE70/1 13	(OAIT &		Pin coun		(1/20)
Address	Special function register (SFR) name	Symbol	80-pin	64-pin	48-pin	32-pin	30-pin
F0010H	A/D converter mode register 2	ADM2	·	·	·	·	· ✓
F0011H	Conversion result comparison upper limit	ADUL	✓	✓	✓	✓	✓
	setting register	ADUL					
F0012H	Conversion result comparison lower limit	ADLL	✓	✓	✓	✓	✓
	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	✓	·	· ✓	✓	√
F004CI1	Port output mode register 1	POM1	→	· /	· ·	· ·	· ·
F0051H	Port output mode register 6	POM6	√	✓	✓	✓	•
F0050H	Port output mode register 7	POM7	√	✓	✓		
F0057H	Port output mode register 7 Port output mode register 12	POM12	√	✓	✓	✓	√
F005CH	Port mode control register 7	PMC7		•	,	- 	•
F0067H	_	PMC9	√	√			
	Port mode control register 9		∨	√	✓	√	✓
F006CH	Port mode control register 12	PMC12				✓	
F0070H	Noise filter enable register 0	NFEN0	√	√	✓		√
F0071H	Noise filter enable register 1	NFEN1	✓	✓	✓	✓	✓

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

	-3 List of extended SFRs (2 nd SFR) (Pin count						
Address	Special function register (SFR) name	Sy	/mbol	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	ŭ ŭ							İ
F00DCH	SP underflow address setting register	SPUFR	SPUFR		✓	√	✓	√
F00DDH	g - g - g - g - g - g - g - g - g - g -							İ
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	Ŭ	-		✓	✓	✓	✓	✓
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	<u> </u>	✓	✓	✓	✓	✓
F0109H								İ
F010AH	Serial mode register 01	SMR01		✓	✓	✓	✓	✓
F010BH	J							1
F010CH	Serial communication operation setting	SCR00		✓	√	✓	✓	✓
F010DH	register 00					1		
F010EH	Serial communication operation setting	SCR01		✓	✓	✓	✓	✓
F010FH	register 01					1		
F0110H	Serial channel enable status register 0	SE0L	SE0	✓	✓	✓	✓	✓
F0111H]	-		✓	✓	✓	✓	✓
F0112H	Serial channel start register 0	SS0L	SS0	✓	✓	✓	✓	✓
F0113H	3	-		✓	✓	✓	✓	✓
F0114H	Serial channel stop register 0	ST0L	ST0	√	√	√	√	√
F0115H		-		✓	✓	√	√	✓
F0116H	Serial clock select register 0	SPS0L	SPS0	√	√	√	√	√
F0117H	1	-	7	✓	√	✓	√	✓

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

				Pin count		t				
Address	Special function register (SFR) name	Sy	/mbol	80-pin	64-pin	48-pin	32-pin	30-pin		
F0118H	Serial output register 0	SO0		✓	✓	✓	✓	✓		
F0119H			T							
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	SCR10		✓	✓	✓	✓	✓		
F014DH	register 10									
F014EH	Serial communication operation setting	SCR11		✓	✓	✓	✓	✓		
F014FH	register 11									
F0150H	Serial channel enable status register 1	SE1L	SE1	✓	✓	✓	✓	✓		
F0151H]	-		✓	✓	✓	✓	✓		
F0152H	Serial channel start register 1	SS1L	SS1	✓	✓	✓	✓	✓		
F0153H	1	-		✓	✓	✓	✓	✓		
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	3	-		✓	✓	✓	✓	✓		
F0162H	Serial slave select enable register 1	SSE1L	SSE1	√	√	√	√	√		
F0163H		-		✓	√	√	√	√		
F0180H	Timer counter register 00	TCR00		√	√	√	√	√		
F0181H	- I I I I I I I I I I I I I I I I I I I	. 51.00								
F0182H	Timer counter register 01	TCR01		✓	√	√	√	√		
F0183H		. 51.01								
F0184H	Timer counter register 02	TCR02		√	√	√	√	✓		
F0185H	Timor counter register 02	101102		,	,			•		
F0186H	Timer counter register 03	TCR03		√	√	√	√	√		
F0187H	Timer counter register 05	TONUS		Ť		*	•	_ *		
F0188H	Timer counter register 04	TCR04		✓	√	✓	√	√		
		11.75.04			, ,	. •				

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

	0 116 (1 16 (050)	Pir		Incorporated) (4/28 Pin count				
Address	Special function register (SFR) name	S	ymbol	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		<u> </u>			_	ļ .		_
F019AH	Timer mode register 05	TMR05		✓	✓	✓	✓	✓
F019BH		<u> </u>			_	ļ .		_
F019CH	Timer mode register 06	TMR06		✓	✓	✓	✓	✓
F019DH								
F019EH	Timer mode register 07	TMR07		✓	✓	✓	✓	✓
F019FH			1					
F01A0H	Timer status register 00	TSR00L	TSR00	✓	√	✓	√	√
F01A1H		-		√	✓	√	√	√
F01A2H	Timer status register 01	TSR01L	TSR01	√	√	✓	√	√
F01A3H		-		✓	✓	✓	√	✓
F01A4H	Timer status register 02	TSR02L	TSR02	✓	√	✓	√	✓
F01A5H		-	700.00	√	√	✓	√	√
F01A6H	Timer status register 03	TSR03L	TSR03	√	√	✓	√	✓
F01A7H	T:	- T0D041	TODO	√	√	✓	√	✓
F01A8H	Timer status register 04	TSR04L	TSR04	√	✓	√	✓	✓
F01A9H	Time an atataga ara aista a 05	- TODOSI	TODOS	✓ ✓	✓	✓ ✓	✓ ✓	√
F01AAH	Timer status register 05	TSR05L	TSR05		✓	†		✓
F01ABH	Time an atatan an aiste an 00	- TODOOL	TODOO	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓
F01ACH	Timer status register 06	TSR06L	TSR06	✓	√	✓		∨
F01ADH	Timer status register 07	TCD07I	TSR07	✓	√	✓	✓ ✓	∨
F01AEH	Timer status register 07	TSR07L	- ISRU/	✓	√	√	√	∨
F01AFH	Timer shappel anable status register 0	TEOL	TEO	✓	√	✓	√	∨
F01B0H	Timer channel enable status register 0	TE0L	TE0	✓	√	✓	✓ ✓	✓ ✓
F01B1H	Timer shannel start register 0	TOOL	TS0	✓	✓	✓	✓ ✓	✓ ✓
F01B2H	Timer channel start register 0	TS0L	150	✓ ✓	√	✓	✓ ✓	✓ ✓
F01B3H F01B4H	Timer channel stop register 0	TT0L	TT0	✓	√	✓	✓	∨
F01B4H	Timer chamiler stop register 0	TIUL	- 110	✓	√	√	∨	∨
		+		· ·	•	, ,		, v
F01B6H F01B7H	Timer clock select register 0	TPS0		✓	✓	✓	✓	✓
	Timor output register 0	TOOL	TOO	✓	✓	-1	√	√
F01B8H	Timer output register 0	TO0L	TO0	✓ ✓	✓	✓ ✓	✓ ✓	✓ ✓
F01B9H		1-		· ·				
F01BAH	Timer output enable register 0	TOE0L	TOE0	✓	✓	✓	✓	✓

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

I able 2	3 List of extended SFRs (2 nd SFR) of	•		Pin count				0/20)
Address	Special function register (SFR) name	s	ymbol	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	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3							
F01D4H	Timer mode register 12	TMR12		✓	✓	✓	✓	✓
F01D5H								
F01D6H	Timer mode register 13	TMR13		✓	✓	✓	✓	✓
F01D7H								
F01D8H	Timer mode register 14	TMR14						
F01D9H	g							
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	, diatab register re	-		<i>✓</i>	·	·	<i>√</i>	✓
F01E8H	Timer status register 14	TSR14L	TSR14	 				*
F01E9H	······································	-						
F01EAH	Timer status register 15	TSR15L	TSR15					
F01EBH	Timor status register to	-	- 131(13					
F01ECH	Timer status register 16	TSR16L	TSR16	1				
F01EDH	Tarrior Status register 10	- TOINIOL	131(10	 				
TOTEDIT		I -		I	L	L	L	

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

Table 2	Elst of extended 51 NS (2 51 N) of	Group C	01 KE70/1 13	/F13 (CAN and LIN incorporated			:u) (6/26)		
Address	Special function register (SFR) name	S	ymbol	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			1						
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	ECCDWRV	'R	✓	✓	✓	✓	✓	
F0207H									
F0220H	Port output slew rate select register	PSRSEL		✓	✓	✓	✓	✓	
F0222H	SNOOZE status output control register 0	PSNZCNT)	✓	✓	✓	✓	✓	
F0223H	SNOOZE status output control register 1	PSNZCNT1		✓	✓	✓	✓	✓	
F0224H	SNOOZE status output control register 2	PSNZCNT2	2	✓	✓	✓			
F0225H	SNOOZE status output control register 3	PSNZCNT3	3	✓	✓	✓			
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)

Table 2-	3 List of extended SFRs (2 nd SFR) of	Group C of KL76/F13	(CAN al		1120)		
Address	Special function register (SFR) name	Symbol	80-pin	64-pin	Pin coun 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	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						1	
F0278H	Timer RD general register A0	TRDGRA0	✓	✓	✓	✓	✓
F0279H	5 5						
F027AH	Timer RD general register B0	TRDGRB0	√	√	✓	✓	✓
F027BH	3						
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 F028BH	Timer RD general register B1	TRDGRB1	_	_	√	~	~
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	HDTRLD0	· ✓	· ·	√ ·	·	·
323011	register 0						

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

	3 List of extended SFRs (2 nd SFR) of	_				Pin coun		,
Address	Special function register (SFR) name	Syn	nbol	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	HDTDAR0		✓	✓	✓	✓	✓
F02D7H	0							
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	HDTDAR1		✓	✓	✓	✓	✓
F02DDH	1							
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	1	✓	✓	✓	✓	✓
F0302H	CAN0 bit configuration register H	C0CFGHL	C0CFGH	✓	√	✓	✓	√
F0303H	3	C0CFGHH		✓	√	√	✓	✓
F0304H	CAN0 control register L	C0CTRLL	C0CTRL	✓	✓	✓	✓	✓
F0305H	Ŭ	C0CTRLH	1	✓	✓	✓	✓	✓
F0306H	CAN0 control register H	C0CTRHL	C0CTRH	✓	✓	✓	✓	✓
F0307H	Ŭ	C0CTRHH	1	✓	✓	✓	✓	✓
F0308H	CAN0 status register L	COSTSLL	C0STSL	✓	✓	✓	✓	✓
F0309H		COSTSLH	1	✓	✓	✓	✓	✓
F030AH	CAN0 status register H	COSTSHL	C0STSH	✓	✓	✓	✓	✓
F030BH		C0STSHH	1	✓	✓	✓	✓	✓
F030CH	CAN0 error flag register L	C0ERFLLL	C0ERFLL	✓	✓	✓	✓	✓
F030DH		C0ERFLLH	1	✓	✓	✓	✓	✓
F030EH	CAN0 error flag register H	C0ERFLHL	C0ERFLH	✓	✓	✓	✓	✓
F030FH		C0ERFLHH	1	✓	✓	✓	✓	✓
F0322H	CAN global configuration register L	GCFGLL	GCFGL	✓	✓	✓	✓	✓
F0323H		GCFGLH		✓	✓	✓	✓	✓
F0324H	CAN global configuration register H	GCFGHL	GCFGH	✓	✓	√	✓	✓
F0325H	J	GCFGHH	1	✓	✓	√	✓	✓
F0326H	CAN global control register L	GCTRLL	GCTRL	√	√	✓	√	✓
F0327H		GCTRLH		✓	✓	✓	✓ ·	✓ ·
F0328H	CAN global control register H	GCTRHL	GCTRH	<i>√</i>	· ✓	·	·	✓ ·
	g. 55 55 51 1 0 glottor 1 1	GCTRHH	1	1	√ ·	√ ·	<u> </u>	√ ·

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

	3 List of extended SFRs (2 nd SFR) of	•		CAIT ai		Pin coun		<i>,,,</i> 20,
Address	Special function register (SFR) name	Sym	bol	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	oL	CFCCL0H		✓	✓	✓	✓	✓
F0352H	CAN0 transmit/receive FIFO control register	CFCCH0L	CFCCH0	✓	✓	✓	✓	✓
F0353H	он	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	CFMSTS		✓	✓	✓	✓	✓
	status register							
F0362H	CAN receive FIFO interrupt status register	RFISTS		✓	✓	✓	✓	✓
F0363H	CAN transmit/receive FIFO receive interrupt	CFISTS		✓	✓	✓	✓	✓
F000411	status register	TNACO						
F0364H	CANO transmit buffer control register 0	TMC0		√	√	√	✓	✓
F0365H	CANO transmit buffer control register 1	TMC1		√	√	√	✓	√
F0366H	CANO transmit buffer control register 2	TMC2		√	√	√	√	√
F0367H	CANO transmit buffer control register 3	TMC3		√	√	√	✓	√
F036CH	CANO transmit buffer status register 0	TMSTS0		√	✓ ✓	√	√	√
F036DH	CANO transmit buffer status register 1	TMSTS1		√		✓	√	√
F036EH	CANO transmit buffer status register 2	TMSTS2		√	√	✓	√	√
F036FH	CANO transmit buffer status register 3	TMSTS3	TMTDCTC	√	√	✓	√	√
F0374H	CAN0 transmit buffer transmit request status	TMTRSTSL	TMTRSTS	✓	√	√	✓	√
F0375H	register	TMTRSTSH	TMTCCTC	√	√	√	✓	√
F0376H	CAN0 transmit buffer transmit complete	TMTCSTSL	TMTCSTS	√	√	√	√	√
F0377H	status register	TMTCSTSH		✓	✓	✓	✓	✓

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

	` '	•	,	(CAN and LIN incorporated) (1				<u> </u>		
Address	Special function register (SFR) name	Sym	bol	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	1	✓	✓	✓	✓	✓		
F038EH	CAN global test control register	GTSTCTRL	l .	✓	✓	✓	✓	✓		
F0394H	CAN global test protection unlock register	GLOCKK		✓	✓	✓	✓	✓		
F0395H	3									
F03A0H	CAN receive rule entry register 0AL /	GAFLIDL0L/	GAFLIDL0/	√	√	✓	√	✓		
	CAN receive buffer register 0AL	RMIDLOL	RMIDL0							
F03A1H		GAFLIDL0H/		✓	√	✓	√	√		
		RMIDL0H								
F03A2H	CAN receive rule entry register 0AH /	GAFLIDH0L/	GAFLIDH0/	√	√	√	√	√		
	CAN receive buffer register 0AH	RMIDH0L	RMIDH0							
F03A3H		GAFLIDH0H/		✓	√	√	√	√		
		RMIDH0H								
F03A4H	CAN receive rule entry register 0BL /	GAFLML0L/	GAFLML0/	√	√	✓	√	✓		
	CAN receive buffer register 0BL	RMTS0L	RMTS0							
F03A5H		GAFLML0H/		✓	✓	✓	✓	✓		
		RMTS0H								
F03A6H	CAN receive rule entry register 0BH /	GAFLMH0L/	GAFLMH0/	✓	✓	✓	✓	✓		
	CAN receive buffer register 0BH	RMPTR0L	RMPTR0							
F03A7H	Ğ	GAFLMH0H/		✓	✓	✓	✓	✓		
		RMPTR0H								
F03A8H	CAN receive rule entry register 0CL /	GAFLPL0L/	GAFLPL0/	✓	✓	✓	✓	✓		
	CAN receive buffer register 0CL	RMDF00L	RMDF00							
F03A9H	-	GAFLPL0H/		✓	✓	✓	✓	✓		
		RMDF00H								
F03AAH	CAN receive rule entry register 0CH /	GAFLPH0L/	GAFLPH0/	✓	✓	✓	✓	✓		
	CAN receive buffer register 0CH	RMDF10L	RMDF10							
F03ABH	-	GAFLPH0H/		✓	✓	✓	✓	✓		
		RMDF10H								
F03ACH	CAN receive rule entry register 1AL /	GAFLIDL1L/	GAFLIDL1/	✓	✓	✓	✓	✓		
	CAN receive buffer register 0DL	RMDF20L	RMDF20							
F03ADH	-	GAFLIDL1H/]	✓	✓	✓	✓	✓		
		RMDF20H		1			1			
F03AEH	CAN receive rule entry register 1AH /	GAFLIDH1L/	GAFLIDH1/	✓	✓	✓	✓	✓		
	CAN receive buffer register 0DH	RMDF30L	RMDF30	1			1			
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	Sym	bol			Pin coun	t	
Audress	Special function register (SFK) fiame	Syli	iboi	80-pin	64-pin	48-pin	32-pin	30-pin
F03B0H	CAN receive rule entry register 1BL /	GAFLML1L/	GAFLML1/	✓	✓	✓	✓	✓
	CAN receive buffer register 1AL	RMIDL1L	RMIDL1					
F03B1H		GAFLML1H/		✓	✓	✓	✓	✓
		RMIDL1H						
F03B2H	CAN receive rule entry register 1BH /	GAFLMH1L/	GAFLMH1/	✓	✓	✓	✓	✓
	CAN receive buffer register 1AH	RMIDH1L	RMIDH1					
F03B3H		GAFLMH1H/		✓	✓	✓	✓	✓
		RMIDH1H						
F03B4H	CAN receive rule entry register 1CL /	GAFLPL1L/	GAFLPL1/	✓	✓	✓	✓	✓
	CAN receive buffer register 1BL	RMTS1L	RMTS1					
F03B5H		GAFLPL1H/		✓	✓	✓	✓	✓
		RMTS1H						
F03B6H	CAN receive rule entry register 1CH /	GAFLPH1L/	GAFLPH1/	✓	✓	✓	✓	✓
	CAN receive buffer register 1BH	RMPTR1L	RMPTR1					
F03B7H		GAFLPH1H/		✓	✓	✓	✓	✓
		RMPTR1H						
F03B8H	CAN receive rule entry register 2AL /	GAFLIDL2L/	GAFLIDL2/	✓	✓	✓	✓	✓
	CAN receive buffer register 1CL	RMDF01L	RMDF01					
F03B9H		GAFLIDL2H/		✓	✓	✓	✓	✓
		RMDF01H						
F03BAH	CAN receive rule entry register 2AH /	GAFLIDH2L/	GAFLIDH2/	✓	✓	✓	✓	✓
	CAN receive buffer register 1CH	RMDF11L	RMDF11					
F03BBH		GAFLIDH2H/		✓	✓	✓	✓	✓
		RMDF11H						
F03BCH	CAN receive rule entry register 2BL /	GAFLML2L/	GAFLML2/	✓	✓	✓	✓	✓
	CAN receive buffer register 1DL	RMDF21L	RMDF21					
F03BDH		GAFLML2H/		✓	✓	✓	✓	✓
		RMDF21H						
F03BEH	CAN receive rule entry register 2BH /	GAFLMH2L/	GAFLMH2/	✓	✓	✓	✓	✓
	CAN receive buffer register 1DH	RMDF31L	RMDF31					
F03BFH		GAFLMH2H/		✓	✓	✓	✓	✓
		RMDF31H						
F03C0H	CAN receive rule entry register 2CL /	GAFLPL2L/	GAFLPL2/	✓	✓	✓	✓	✓
	CAN receive buffer register 2AL	RMIDL2L	RMIDL2					
F03C1H		GAFLPL2H/		✓	✓	✓	✓	✓
		RMIDL2H						
F03C2H	CAN receive rule entry register 2CH /	GAFLPH2L/	GAFLPH2/	✓	✓	✓	✓	✓
	CAN receive buffer register 2AH	RMIDH2L	RMIDH2					
F03C3H		GAFLPH2H/		✓	✓	✓	✓	✓
		RMIDH2H						
F03C4H	CAN receive rule entry register 3AL /	GAFLIDL3L/	GAFLIDL3/	✓	✓	✓	✓	✓
	CAN receive buffer register 2BL	RMTS2L	RMTS2					
F03C5H		GAFLIDL3H/		✓	✓	✓	✓	✓
		RMTS2H						
F03C6H	CAN receive rule entry register 3AH /	GAFLIDH3L/	GAFLIDH3/	✓	✓	✓	✓	✓
	CAN receive buffer register 2BH	RMPTR2L	RMPTR2					
F03C7H	1	GAFLIDH3H/	1	✓	✓	✓	✓	✓
		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	Sym	hol			Pin coun	t	
Audress	Special function register (SFR) fiame	Syli	iboi	80-pin	64-pin	48-pin	32-pin	30-pin
F03C8H	CAN receive rule entry register 3BL /	GAFLML3L/	GAFLML3/	✓	✓	✓	✓	✓
	CAN receive buffer register 2CL	RMDF02L	RMDF02					
F03C9H		GAFLML3H/		✓	✓	✓	✓	✓
		RMDF02H						
F03CAH	CAN receive rule entry register 3BH /	GAFLMH3L/	GAFLMH3/	✓	✓	✓	✓	✓
	CAN receive buffer register 2CH	RMDF12L	RMDF12					
F03CBH		GAFLMH3H/	1	✓	✓	✓	✓	✓
		RMDF12H						
F03CCH	CAN receive rule entry register 3CL /	GAFLPL3L/	GAFLPL3/	✓	✓	✓	✓	✓
	CAN receive buffer register 2DL	RMDF22L	RMDF22					
F03CDH]	GAFLPL3H/	1	✓	✓	✓	✓	✓
		RMDF22H						
F03CEH	CAN receive rule entry register 3CH /	GAFLPH3L/	GAFLPH3/	√	√	√	√	√
	CAN receive buffer register 2DH	RMDF32L	RMDF32					
F03CFH	Of it 1000ive Ballot 10gistor EB11	GAFLPH3H/	1111121 02	✓	√	√	√	√
1 030111		RMDF32H		·	,	·		
F03D0H	CAN receive rule entry register 4AL /	GAFLIDL4L/	GAFLIDL4/	√	√	√	✓	✓
LOSDOU	CAN receive buffer register 3AL	RMIDL3L	RMIDL3	•	•	•	•	•
FOODALL	CAN receive buller register SAL		RIVIIDLS	✓	√	√	✓	√
F03D1H		GAFLIDL4H/		•	•	·	•	,
FOODOLL	000	RMIDL3H	OAELIBIA/					
F03D2H	CAN receive rule entry register 4AH /	GAFLIDH4L/	GAFLIDH4/	✓	✓	✓	✓	✓
	CAN receive buffer register 3AH	RMIDH3L	RMIDH3		_			
F03D3H		GAFLIDH4H/		✓	✓	✓	√	✓
		RMIDH3H						
F03D4H	CAN receive rule entry register 4BL /	GAFLML4L/	GAFLML4/	✓	✓	✓	✓	✓
	CAN receive buffer register 3BL	RMTS3L	RMTS3					
F03D5H		GAFLML4H/		✓	✓	✓	✓	✓
		RMTS3H						
F03D6H	CAN receive rule entry register 4BH /	GAFLMH4L/	GAFLMH4/	✓	✓	✓	✓	✓
	CAN receive buffer register 3BH	RMPTR3L	RMPTR3					
F03D7H		GAFLMH4H/		✓	✓	✓	✓	✓
		RMPTR3H						
F03D8H	CAN receive rule entry register 4CL /	GAFLPL4L/	GAFLPL4/	✓	✓	✓	✓	✓
	CAN receive buffer register 3CL	RMDF03L	RMDF03					
F03D9H		GAFLPL4H/		✓	✓	✓	✓	✓
		RMDF03H						
F03DAH	CAN receive rule entry register 4CH /	GAFLPH4L/	GAFLPH4/	✓	✓	✓	✓	✓
	CAN receive buffer register 3CH	RMDF13L	RMDF13					
F03DBH]	GAFLPH4H/	1	✓	✓	✓	✓	✓
		RMDF13H						
F03DCH	CAN receive rule entry register 5AL /	GAFLIDL5L/	GAFLIDL5/	√	√	√	✓	√
	CAN receive buffer register 3DL	RMDF23L	RMDF23				1	
F03DDH		GAFLIDL5H/	1	✓	√	√	√	√
. 000011		RMDF23H					[
F03DEH	CAN receive rule entry register 5AH /	GAFLIDH5L/	GAFLIDH5/	✓	✓	√	✓	√
LOSDELL	, -			•	_ *		*	•
FOSDELL	CAN receive buffer register 3DH	RMDF33L	RMDF33		√	√	✓	√
F03DFH		GAFLIDH5H/		√				'
		RMDF33H		<u> </u>				

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

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

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

A al al	Charles franction as sister (CCD) was	0		Pin count						
Address	Special function register (SFR) name	Sym	IDOI	80-pin	64-pin	48-pin	32-pin	30-pin		
F03F8H	CAN receive rule entry register 7BL /	GAFLML7L/	GAFLML7/	✓	✓	✓	✓	✓		
	CAN receive buffer register 5CL	RMDF05L	RMDF05							
F03F9H		GAFLML7H/		✓	✓	✓	✓	✓		
		RMDF05H								
F03FAH	CAN receive rule entry register 7BH /	GAFLMH7L/	GAFLMH7/	✓	✓	✓	✓	✓		
	CAN receive buffer register 5CH	RMDF15L	RMDF15							
F03FBH		GAFLMH7H/		✓	✓	✓	✓	✓		
		RMDF15H								
F03FCH	CAN receive rule entry register 7CL /	GAFLPL7L/	GAFLPL7/	✓	✓	✓	✓	✓		
	CAN receive buffer register 5DL	RMDF25L	RMDF25							
F03FDH		GAFLPL7H/		✓	✓	✓	✓	✓		
		RMDF25H								
F03FEH	CAN receive rule entry register 7CH /	GAFLPH7L/	GAFLPH7/	✓	✓	✓	✓	✓		
	CAN receive buffer register 5DH	RMDF35L	RMDF35							
F03FFH		GAFLPH7H/		✓	✓	✓	✓	✓		
		RMDF35H								
F0400H	CAN receive rule entry register 8AL /	GAFLIDL8L/	GAFLIDL8/	✓	✓	✓	✓	✓		
	CAN receive buffer register 6AL	RMIDL6L	RMIDL6							
F0401H		GAFLIDL8H/		✓	✓	✓	✓	✓		
		RMIDL6H								
F0402H	CAN receive rule entry register 8AH /	GAFLIDH8L/	GAFLIDH8/	✓	✓	✓	✓	✓		
	CAN receive buffer register 6AH	RMIDH6L	RMIDH6							
F0403H		GAFLIDH8H/		✓	✓	✓	✓	✓		
		RMIDH6H								
F0404H	CAN receive rule entry register 8BL /	GAFLML8L/	GAFLML8/	✓	✓	✓	✓	✓		
	CAN receive buffer register 6BL	RMTS6L	RMTS6							
F0405H		GAFLML8H/		✓	✓	✓	✓	✓		
		RMTS6H								
F0406H	CAN receive rule entry register 8BH /	GAFLMH8L/	GAFLMH8/	✓	✓	✓	✓	✓		
	CAN receive buffer register 6BH	RMPTR6L	RMPTR6							
F0407H		GAFLMH8H/		✓	✓	✓	✓	✓		
		RMPTR6H								
F0408H	CAN receive rule entry register 8CL /	GAFLPL8L/	GAFLPL8/	✓	✓	✓	✓	✓		
	CAN receive buffer register 6CL	RMDF06L	RMDF06							
F0409H		GAFLPL8H/		✓	✓	✓	✓	✓		
		RMDF06H								
F040AH	CAN receive rule entry register 8CH /	GAFLPH8L/	GAFLPH8/	✓	✓	✓	✓	✓		
	CAN receive buffer register 6CH	RMDF16L	RMDF16							
F040BH		GAFLPH8H/		✓	✓	✓	✓	✓		
		RMDF16H								
F040CH	CAN receive rule entry register 9AL /	GAFLIDL9L/	GAFLIDL9/	✓	✓	✓	✓	✓		
	CAN receive buffer register 6DL	RMDF26L	RMDF26		<u> </u>		<u> </u>			
F040DH		GAFLIDL9H/		✓	✓	✓	✓	✓		
		RMDF26H			1	1	1			
F040EH	CAN receive rule entry register 9AH /	GAFLIDH9L/	GAFLIDH9/	✓	✓	✓	✓	✓		
	CAN receive buffer register 6DH	RMDF36L	RMDF36		1	1	1			
F040FH		GAFLIDH9H/	1	✓	✓	✓	✓	✓		
		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	Sym	hol	Pin count				
Auuress	Special function register (SFK) name	Sym	DOI .	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)

	,	_	•	13 (CAN and LIN incorporated) (
Address	Special function register (SFR) name	Sym	IOO	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 (SER)	6	hal	Pin count						
Address	Special function register (SFR) name	Sym	DOI	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)

F0459H F045AH F045BH F045CH F045DH F045EH F045FH F0460H F0461H F0462H F0463H F0464H F0465H	CAN receive rule entry register 15BL / CAN receive buffer register 11CL CAN receive rule entry register 15BH / CAN receive rule entry register 15BH / CAN receive buffer register 11CH CAN receive rule entry register 15CL / CAN receive buffer register 11DL CAN receive rule entry register 15CH / CAN receive buffer register 11DH CAN receive buffer register 11DH CAN receive buffer register 12AL	Sym GAFLML15L/ RMDF011L GAFLML15H/ RMDF011H GAFLMH15L/ RMDF111L GAFLMH15H/ RMDF111H GAFLPL15L/ RMDF211L GAFLPL15H/ RMDF211L GAFLPH15L/ RMDF311L GAFLPH15H/ RMDF311L GAFLPH15H/ RMDF311H RMDF311H	GAFLML15/ RMDF011 GAFLMH15/ RMDF111 GAFLPL15/ RMDF211 GAFLPH15/ RMDF311	80-pin ✓ ✓ ✓ ✓ ✓ ✓ ✓	64-pin ✓ ✓ ✓ ✓ ✓ ✓	48-pin ✓ ✓ ✓ ✓ ✓ ✓ ✓	32-pin	30-pin ✓ ✓ ✓ ✓ ✓ ✓ ✓
F0459H F045BH F045BH F045CH C F045DH F045EH C F0460H F0461H F0462H F0463H F0464H F0465H	CAN receive buffer register 11CL CAN receive rule entry register 15BH / CAN receive buffer register 11CH CAN receive rule entry register 15CL / CAN receive buffer register 11DL CAN receive rule entry register 15CH / CAN receive buffer register 11DH CAN receive buffer register 11DH	RMDF011L GAFLML15H/ RMDF011H GAFLMH15L/ RMDF111L GAFLMH15H/ RMDF111H GAFLPL15L/ RMDF211L GAFLPL15H/ RMDF211H GAFLPH15L/ RMDF311L GAFLPH15H/ RMDF311L GAFLPH15H/ RMDF311H RMDF311H	RMDF011 GAFLMH15/ RMDF111 GAFLPL15/ RMDF211 GAFLPH15/	\[\lambda \] \[\lambda \] \[\lambda \] \[\lambda \]	\(\)	* * * * * *	\(\)	✓ ✓ ✓
F0459H F045AH C F045BH F045CH C F045DH F045EH C F045FH F0460H F0461H F0462H F0463H F0463H F0465H	CAN receive rule entry register 15BH / CAN receive buffer register 11CH CAN receive rule entry register 15CL / CAN receive buffer register 11DL CAN receive rule entry register 15CH / CAN receive buffer register 11DH CAN receive buffer register 11DH	GAFLML15H/ RMDF011H GAFLMH15L/ RMDF111L GAFLMH15H/ RMDF111H GAFLPL15L/ RMDF211L GAFLPL15H/ RMDF211H GAFLPH15L/ RMDF311L GAFLPH15L/ RMDF311L GAFLPH15H/ RMDF311H	GAFLPL15/ RMDF111 GAFLPL15/ RMDF211	\[\lambda \] \[\lambda \] \[\lambda \] \[\lambda \]	<i>Y Y Y</i>	V V	✓ ✓	✓ ✓
F045AH (C) F045BH (C) F045CH (C) F045DH (C) F045FH (C) F046FH (C) F0461H (C) F0463H (C) F0463H (C) F0465H (C)	CAN receive buffer register 11CH CAN receive rule entry register 15CL / CAN receive buffer register 11DL CAN receive rule entry register 15CH / CAN receive buffer register 11DH CAN receive buffer register 12AL	RMDF011H GAFLMH15L/ RMDF111L GAFLMH15H/ RMDF111H GAFLPL15L/ RMDF211L GAFLPL15H/ RMDF211H GAFLPH15L/ RMDF311L GAFLPH15H/ RMDF311L GAFLPH15H/ RMDF311H RMIDL12L	RMDF111 GAFLPL15/ RMDF211 GAFLPH15/	\[\lambda \] \[\lambda \] \[\lambda \] \[\lambda \]	<i>Y Y Y</i>	V V	✓ ✓	✓ ✓
F045BH C C C C C C C C C C C C C C C C C C C	CAN receive buffer register 11CH CAN receive rule entry register 15CL / CAN receive buffer register 11DL CAN receive rule entry register 15CH / CAN receive buffer register 11DH CAN receive buffer register 12AL	GAFLMH15L/ RMDF111L GAFLMH15H/ RMDF111H GAFLPL15L/ RMDF211L GAFLPL15H/ RMDF211H GAFLPH15L/ RMDF311L GAFLPH15H/ RMDF311H RMDF311H	RMDF111 GAFLPL15/ RMDF211 GAFLPH15/	<i>y y y</i>	✓ ✓	✓ ✓	✓ ✓	✓
F045BH C C C C C C C C C C C C C C C C C C C	CAN receive buffer register 11CH CAN receive rule entry register 15CL / CAN receive buffer register 11DL CAN receive rule entry register 15CH / CAN receive buffer register 11DH CAN receive buffer register 12AL	RMDF111L GAFLMH15H/ RMDF111H GAFLPL15L/ RMDF211L GAFLPL15H/ RMDF211H GAFLPH15L/ RMDF311L GAFLPH15H/ RMDF311L GAFLPH15H/ RMDF311H RMIDL12L	RMDF111 GAFLPL15/ RMDF211 GAFLPH15/	<i>y y y</i>	✓ ✓	✓ ✓	✓ ✓	✓
F045BH F045CH C F045DH F045EH C F045FH F0460H F0461H F0462H F0463H F0464H F0465H	CAN receive rule entry register 15CL / CAN receive buffer register 11DL CAN receive rule entry register 15CH / CAN receive buffer register 11DH CAN receive buffer register 12AL	GAFLMH15H/ RMDF111H GAFLPL15L/ RMDF211L GAFLPL15H/ RMDF211H GAFLPH15L/ RMDF311L GAFLPH15H/ RMDF311H RMDF311H	GAFLPL15/ RMDF211	✓ ✓	✓ ✓	✓ ✓	✓	√
F045CH C C C C C C C C C C C C C C C C C C	CAN receive buffer register 11DL CAN receive rule entry register 15CH / CAN receive buffer register 11DH CAN receive buffer register 12AL	RMDF111H GAFLPL15L/ RMDF211L GAFLPL15H/ RMDF211H GAFLPH15L/ RMDF311L GAFLPH15H/ RMDF311H RMDF311H	RMDF211 GAFLPH15/	✓ ✓	✓ ✓	✓ ✓	✓	√
F045DH C C C C C C C C C C C C C C C C C C C	CAN receive buffer register 11DL CAN receive rule entry register 15CH / CAN receive buffer register 11DH CAN receive buffer register 12AL	GAFLPL15L/ RMDF211L GAFLPL15H/ RMDF211H GAFLPH15L/ RMDF311L GAFLPH15H/ RMDF311H RMIDL12L	RMDF211 GAFLPH15/	✓ ✓	√	✓		
F045DH C C C C C C C C C C C C C C C C C C C	CAN receive buffer register 11DL CAN receive rule entry register 15CH / CAN receive buffer register 11DH CAN receive buffer register 12AL	RMDF211L GAFLPL15H/ RMDF211H GAFLPH15L/ RMDF311L GAFLPH15H/ RMDF311H RMIDL12L	RMDF211 GAFLPH15/	✓ ✓	√	✓		
F045DH F045EH C F045FH F0460H F0461H F0462H F0463H F0464H F0465H	CAN receive rule entry register 15CH / CAN receive buffer register 11DH CAN receive buffer register 12AL	GAFLPL15H/ RMDF211H GAFLPH15L/ RMDF311L GAFLPH15H/ RMDF311H RMIDL12L	GAFLPH15/	√			✓	✓
F045EH C C C C C C C C C C C C C C C C C C C	CAN receive buffer register 11DH CAN receive buffer register 12AL	RMDF211H GAFLPH15L/ RMDF311L GAFLPH15H/ RMDF311H RMIDL12L		√			√	✓
F045FH CF0461H F0462H F0463H F0464H F0465H CF0465H	CAN receive buffer register 11DH CAN receive buffer register 12AL	GAFLPH15L/ RMDF311L GAFLPH15H/ RMDF311H RMIDL12L			✓	√		
F045FH CF0461H F0462H F0463H F0464H F0465H CF0465H	CAN receive buffer register 11DH CAN receive buffer register 12AL	RMDF311L GAFLPH15H/ RMDF311H RMIDL12L			✓	✓		
F045FH F0460H F0461H F0462H F0463H F0464H F0465H	CAN receive buffer register 12AL	GAFLPH15H/ RMDF311H RMIDL12L	RMDF311	√			✓	✓
F0460H C F0461H F0462H C F0463H F0464H C F0465H	<u> </u>	RMDF311H RMIDL12L		✓				
F0461H F0462H F0463H F0464H F0465H	<u> </u>	RMIDL12L		,	✓	✓	✓	✓
F0461H F0462H F0463H F0464H F0465H	<u> </u>							
F0462H C F0463H F0464H C F0465H	CAN receive buffer register 12AH		RMIDL12	✓	✓	✓	✓	✓
F0463H F0464H F0465H	CAN receive buffer register 12AH	RMIDL12H		✓	✓	✓	✓	✓
F0464H C		RMIDH12L	RMIDH12	✓	✓	✓	✓	✓
F0465H		RMIDH12H		✓	✓	✓	✓	✓
	CAN receive buffer register 12BL	RMTS12L	RMTS12	✓	✓	✓	✓	✓
E0400LL		RMTS12H		✓	✓	✓	✓	✓
F0466H (CAN receive buffer register 12BH	RMPTR12L	RMPTR12	✓	✓	✓	✓	✓
F0467H		RMPTR12H		✓	✓	✓	✓	✓
F0468H (CAN receive buffer register 12CL	RMDF012L	RMDF012	✓	✓	✓	✓	✓
F0469H		RMDF012H	1	✓	✓	✓	✓	✓
F046AH C	CAN receive buffer register 12CH	RMDF112L	RMDF112	✓	✓	✓	✓	✓
F046BH		RMDF112H		✓	✓	✓	✓	✓
F046CH C	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	Ğ	RMTS13H		✓	✓	✓	✓	✓
F0476H (CAN receive buffer register 13BH	RMPTR13L	RMPTR13	✓	✓	✓	✓	✓
F0477H	ŭ	RMPTR13H		✓	✓	✓	✓	✓
	CAN receive buffer register 13CL	RMDF013L	RMDF013	✓	✓	✓	✓	√
F0479H		RMDF013H		✓	✓	✓	✓	✓
	CAN receive buffer register 13CH	RMDF113L	RMDF113	√	√	√	√	√
F047BH		RMDF113H	1	√	√ ·	✓	√ ·	✓
1	CAN receive buffer register 13DL	RMDF213L	RMDF213	√	✓ ·	✓	✓	✓
F047DH		RMDF213H		✓	·	·	· ✓	· ✓
1	CAN receive buffer register 13DH	RMDF313L	RMDF313	√	·	·	·	· ✓
F047EH	O, at 10001ve build register 10011	RMDF313H	KINDI 313	→	√	✓	√	→
+	CAN receive buffer register 14AL	RMIDL14L	RMIDL14	√	√	✓	✓	✓
F0480H C	CAN receive buller register 14AL	RMIDL14L	NIVIIDE 14	√	√	∨	√	*

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

A .1 .	B List of extended SFRs (2 nd SFR) of	•	•	Pin count						
Address	Special function register (SFR) name	Sym	ibol	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	1	✓	✓	✓	✓	✓		
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	1	✓	✓	✓	✓	✓		
F0498H	CAN receive buffer register 15CL	RMDF015L	RMDF015	✓	✓	✓	✓	✓		
F0499H		RMDF015H	1	✓	✓	✓	✓	✓		
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	1	✓	✓	✓	✓	✓		
F0580H	CAN RAM test register 0	RPGACC0L	RPGACC0	✓	✓	✓	✓	✓		
F0581H		RPGACC0H		✓	✓	✓	✓	✓		
F0582H	CAN RAM test register 1	RPGACC1L	RPGACC1	✓	✓	✓	✓	✓		
F0583H		RPGACC1H	1	✓	✓	✓	✓	✓		
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	1	RPGACC6H	1	✓	✓	✓	✓	✓		
F058EH	CAN RAM test register 7	RPGACC7L	RPGACC7	✓	✓	✓	✓	✓		
F058FH	1	RPGACC7H	1	✓	✓	✓	✓	✓		
F0590H	CAN RAM test register 8	RPGACC8L	RPGACC8	✓	✓	✓	✓	✓		
F0591H	1	RPGACC8H	1	✓	✓	✓	✓	✓		

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

	List of extended SFRs (2 nd SFR)	•	,	1		Pin coun		0,20,
Address	Special function register (SFR) name	Sym	bol	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	Ç	RPGACC12H		✓	✓	✓	✓	✓
F059AH	CAN RAM test register 13	RPGACC13L	RPGACC13	✓	✓	✓	✓	✓
F059BH	Ç	RPGACC13H		✓	✓	✓	✓	✓
F059CH	CAN RAM test register 14	RPGACC14L	RPGACC14	✓	✓	✓	✓	✓
F059DH	3	RPGACC14H		✓	✓	✓	✓	✓
F059EH	CAN RAM test register 15	RPGACC15L	RPGACC15	✓	✓	✓	√	✓
F059FH	G. a. v. v. a toot. rogiotor. To	RPGACC15H	1 07.00.0	✓	√	√	√	√
F05A0H	CAN RAM test register 16 /	RPGACC16L/	RPGACC16/	√	√	√	√	√
1 00/1011	CAN receive FIFO access register 0AL	RFIDL0L	RFIDL0					
F05A1H	O/IIV receive 1 II O decess register o/IE	RPGACC16H	TATIBLE	✓	√	√	√	√
1 00/1111		RFIDL0H						
F05A2H	CAN RAM test register 17 /	RPGACC17L/	RPGACC17/	√	✓	√	✓	√
TOSAZIT	CAN receive FIFO access register 0AH	RFIDH0L	RFIDH0					·
F05A3H	O/AVTOCOIVE THE O decessoregister o/AT	RPGACC17H	TATIBITIO	✓	✓	√	✓	√
1 03/311		RFIDH0H		,	'	,	'	,
F05A4H	CAN RAM test register 18 /	RPGACC18L/	RPGACC18/	✓	✓	√	✓	✓
1 03/411	CAN receive FIFO access register 0BL	RFTS0L	RFTS0	,	'	,	'	,
F05A5H	OAN receive i ii O decess register obe	RPGACC18H/	111100	✓	√	√	√	√
1 00/011		RFTS0H		,	'	,	'	,
F05A6H	CAN RAM test register 19 /	RPGACC19L/	RPGACC19/	√	✓	√	√	√
1 00/1011	CAN receive FIFO access register 0BH	RFPTR0L	RFPTR0					
F05A7H	O/IIV receive 1 II O decess register obit	RPGACC19H/	11111110	✓	✓	√	√	√
TOSATTI		RFPTR0H						·
F05A8H	CAN RAM test register 20 /	RPGACC20L/	RPGACC20/	√	√	√	√	√
1 00/1011	CAN receive FIFO access register 0CL	RFDF00L	RFDF00					·
F05A9H	O/IIV receive 1 II O decess register 602	RPGACC20H/	111 21 00	✓	√	√	√	√
1 00/1011		RFDF00H						
F05AAH	CAN RAM test register 21 /	RPGACC21L/	RPGACC21/	√	✓	√	√	√
1 00/ 0 (11	CAN receive FIFO access register 0CH	RFDF10L	RFDF10					
F05ABH	o, av receive i ii e decesso register derr	RPGACC21H/	11. 21.10	✓	√	√	√	√
1 00/1011		RFDF10H						
F05ACH	CAN RAM test register 22 /	RPGACC22L/	RPGACC22/	√	√	√	√	√
1 00/1011	CAN receive FIFO access register 0DL	RFDF20L	RFDF20					
F05ADH	O/IIV receive 1 II O decess register obe	RPGACC22H/	111 21 20	✓	√	√	√	√
TOSADIT		RFDF20H						·
F05AEH	CAN RAM test register 23 /	RPGACC23L/	RPGACC23/	√	✓	√	✓	√
IUUALII	CAN receive FIFO access register 0DH	RFDF30L	RFDF30]			
F05AFH	C T. TOOCITO T II O GOOCGG TOGISTOT ODIT	RPGACC23H/	1.11 21 30	✓	✓	√	✓	✓
TOORITI								
F05B0H	CAN RAM test register 24 /		RPGACC24/	✓	✓	√	√	✓
. 002011	G							
F05B1H	C. I. T. TOOCHO T II O GOOCGO TOGISTOT TAL			_	/	/	_	✓
ווושטט		RFIDL1H]			
F05B0H F05B1H	CAN RAM test register 24 / CAN receive FIFO access register 1AL	RFDF30H RPGACC24L/ RFIDL1L RPGACC24H/	RPGACC24/ RFIDL1	✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	

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

A -l -l	Consist function register (CER) name	C	la a l			Pin count	t	
Address	Special function register (SFR) name	Sym	DOI	80-pin	64-pin	48-pin	32-pin	30-pin
F05B2H	CAN RAM test register 25 /	RPGACC25L/	RPGACC25/	✓	✓	✓	✓	✓
	CAN receive FIFO access register 1AH	RFIDH1L	RFIDH1					
F05B3H		RPGACC25H/		✓	✓	✓	✓	✓
		RFIDH1H						
F05B4H	CAN RAM test register 26 /	RPGACC26L/	RPGACC26/	✓	✓	✓	✓	✓
	CAN receive FIFO access register 1BL	RFTS1L	RFTS1					
F05B5H		RPGACC26H/		✓	✓	✓	✓	✓
		RFTS1H						
F05B6H	CAN RAM test register 27 /	RPGACC27L/	RPGACC27/	✓	✓	✓	✓	✓
	CAN receive FIFO access register 1BH	RFPTR1L	RFPTR1					
F05B7H		RPGACC27H/		✓	✓	✓	✓	✓
		RFPTR1H						
F05B8H	CAN RAM test register 28 /	RPGACC28L/	RPGACC28/	✓	✓	✓	✓	✓
	CAN receive FIFO access register 1CL	RFDF01L	RFDF01					
F05B9H		RPGACC28H/		✓	✓	✓	✓	✓
		RFDF01H						
F05BAH	CAN RAM test register 29 /	RPGACC29L/	RPGACC29/	✓	✓	✓	✓	✓
	CAN receive FIFO access register 1CH	RFDF11L	RFDF11					
F05BBH		RPGACC29H/		✓	✓	✓	✓	✓
		RFDF11H						
F05BCH	CAN RAM test register 30 /	RPGACC30L/	RPGACC30/	✓	✓	✓	✓	✓
	CAN receive FIFO access register 1DL	RFDF21L	RFDF21					
F05BDH		RPGACC30H/		✓	✓	✓	✓	✓
		RFDF21H						
F05BEH	CAN RAM test register 31 /	RPGACC31L/	RPGACC31/	✓	✓	✓	✓	✓
	CAN receive FIFO access register 1DH	RFDF31L	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	1	✓	✓	✓	✓	✓
F05C8H	CAN RAM test register 36	RPGACC36L	RPGACC36	✓	✓	✓	✓	✓
F05C9H]	RPGACC36H	1	✓	✓	✓	✓	✓
F05CAH	CAN RAM test register 37	RPGACC37L	RPGACC37	✓	✓	✓	✓	✓
F05CBH]	RPGACC37H	1	✓	✓	✓	✓	✓
F05CCH	CAN RAM test register 38	RPGACC38L	RPGACC38	✓	✓	✓	✓	√
F05CDH		RPGACC38H	1	✓	√	√	√	√
F05CEH	CAN RAM test register 39	RPGACC39L	RPGACC39	✓ ·	✓	√ ·	√ ·	√ ·
F05CFH	S. a. i iv an took regioner oo	RPGACC39H	5, 10000	· ·	· ✓	·	√ ·	·
F05D0H	CAN RAM test register 40	RPGACC40L	RPGACC40	· ·	·	·	·	·
F05D011	O/ II TY TY TO TO TO GO TO TO TO TO TO TO TO TO TO TO TO TO TO	RPGACC40L	N CACC40	✓	✓	✓	√	√
F05D1H F05D2H	CAN RAM test register 41	1	RPGACC41	√	√	∨	∨	√
F05D2H F05D3H	CAN RAM test register 41	RPGACC41H	NE GACC41	✓	√	✓	✓	√
	CAN DAM toot register 42	RPGACC41H	PDC 4 C C 4 C					
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)

			•			Pin coun	ated) (2 t	,
Address	Special function register (SFR) name	Sym	bol	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 /	RPGACC48L/	RPGACC48/	✓	✓	✓	✓	✓
	CAN transmit/receive FIFO access	CFIDL0L	CFIDL0					
F05E1H	register 0AL	RPGACC48H/		✓	✓	✓	✓	✓
		CFIDL0H						
F05E2H	CAN RAM test register 49 /	RPGACC49L/	RPGACC49/	✓	✓	✓	✓	✓
	CAN transmit/receive FIFO access	CFIDH0L	CFIDH0					
F05E3H	register 0AH	RPGACC49H/		✓	✓	✓	✓	✓
		CFIDH0H						
F05E4H	CAN RAM test register 50 /	RPGACC50L/	RPGACC50/	✓	✓	✓	✓	✓
	CAN transmit/receive FIFO access	CFTS0L	CFTS0					
F05E5H	register 0BL	RPGACC50H/		✓	✓	✓	✓	✓
	3	CFTS0H						
F05E6H	CAN RAM test register 51 /	RPGACC51L/	RPGACC51/	√	√	√	✓	√
. 0020	CAN transmit/receive FIFO access	CFPTR0L	CFPTR0					
F05E7H	register 0BH	RPGACC51H/		✓	√	√	√	√
	3	CFPTR0H						
F05E8H	CAN RAM test register 52 /	RPGACC52L/	RPGACC52/	✓	✓	✓	✓	✓
	CAN transmit/receive FIFO access	CFDF00L	CFDF00					
F05E9H	register 0CL	RPGACC52H/		✓	✓	✓	✓	✓
		CFDF00H						
F05EAH	CAN RAM test register 53 /	RPGACC53L/	RPGACC53/	✓	✓	✓	✓	✓
	CAN transmit/receive FIFO access	CFDF10L	CFDF10					
F05EBH	register 0CH	RPGACC53H/		✓	✓	✓	✓	✓
		CFDF10H						
F05ECH	CAN RAM test register 54 /	RPGACC54L/	RPGACC54/	✓	✓	✓	✓	✓
	CAN transmit/receive FIFO access	CFDF20L	CFDF20					
F05EDH	register 0DL	RPGACC54H/		✓	✓	✓	✓	✓
		CFDF20H						
F05EEH	CAN RAM test register 55 /	RPGACC55L/	RPGACC55/	✓	✓	✓	✓	✓
	CAN transmit/receive FIFO access	CFDF30L	CFDF30					
F05EFH	register 0DH	RPGACC55H/		✓	✓	✓	✓	✓
		CFDF30H						
F05F0H	CAN RAM test register 56	RPGACC56L	RPGACC56	✓	✓	✓	✓	✓
F05F1H		RPGACC56H		✓	✓	✓	✓	✓
F05F2H	CAN RAM test register 57	RPGACC57L	RPGACC57	✓	✓	✓	✓	✓
F05F3H	1	RPGACC57H		✓	✓	✓	✓	✓
F05F4H	CAN RAM test register 58	RPGACC58L	RPGACC58	✓	✓	✓	✓	✓
F05F5H	1	RPGACC58H		✓	✓	✓	✓	✓
F05F6H	CAN RAM test register 59	RPGACC59L	RPGACC59	√	✓	✓	✓	✓
F05F7H		RPGACC59H	21.0000	✓	√	√	√	√

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

	B List of extended SFRs (2" SFR)	•	,	Pin count						
Address	Special function register (SFR) name	Sym	bol	80-pin	64-pin	48-pin	32-pin	30-pin		
F05F8H	CAN RAM test register 60	RPGACC60L	RPGACC60	✓	✓	✓	✓	✓		
F05F9H		RPGACC60H	1	✓	✓	✓	✓	✓		
F05FAH	CAN RAM test register 61	RPGACC61L	RPGACC61	✓	✓	✓	✓	✓		
F05FBH		RPGACC61H	1	✓	✓	✓	✓	✓		
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 /	RPGACC64L/	RPGACC64/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 0AL	TMIDLOL	TMIDL0							
F0601H		RPGACC64H/		✓	✓	✓	✓	✓		
		TMIDL0H								
F0602H	CAN RAM test register 65 /	RPGACC65L/	RPGACC65/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 0AH	TMIDH0L	TMIDH0							
F0603H		RPGACC65H/		✓	✓	✓	✓	✓		
		TMIDH0H								
F0604H	CAN RAM test register 66	RPGACC66L	RPGACC66	✓	✓	✓	✓	✓		
F0605H		RPGACC66H		✓	✓	✓	✓	✓		
F0606H	CAN RAM test register 67 /	RPGACC67L/	RPGACC67/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 0BH	TMPTR0L	TMPTR0							
F0607H	1	RPGACC67H/	1	✓	✓	✓	✓	✓		
		TMPTR0H								
F0608H	CAN RAM test register 68 /	RPGACC68L/	RPGACC68/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 0CL	TMDF00L	TMDF00							
F0609H	1	RPGACC68H/		✓	✓	✓	✓	✓		
		TMDF00H								
F060AH	CAN RAM test register 69 /	RPGACC69L/	RPGACC69/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 0CH	TMDF10L	TMDF10							
F060BH]	RPGACC69H/		✓	✓	✓	✓	✓		
		TMDF10H								
F060CH	CAN RAM test register 70 /	RPGACC70L/	RPGACC70/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 0DL	TMDF20L	TMDF20							
F060DH]	RPGACC70H/		✓	✓	✓	✓	✓		
		TMDF20H								
F060EH	CAN RAM test register 71 /	RPGACC71L/	RPGACC71/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 0DH	TMDF30L	TMDF30							
F060FH	1	RPGACC71H/		✓	✓	✓	✓	✓		
		TMDF30H								
F0610H	CAN RAM test register 72 /	RPGACC72L/	RPGACC72/	✓	✓	✓	✓	✓		
	_									
F0611H	1			✓	√	✓	✓	√		
-										
F0612H	CAN RAM test register 73 /		RPGACC73/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 1AH	TMIDH1L	TMIDH1		1	1	1			
F0613H	1		1	✓	✓	✓	✓	✓		
-					1	1	1			
F0614H	CAN RAM test register 74	RPGACC74L	RPGACC74	✓	✓	✓	✓	✓		
]		1	✓	✓	✓	✓	✓		
F0611H F0612H F0613H	CAN transmit buffer register 1AL CAN RAM test register 73 / CAN transmit buffer register 1AH	TMIDL1L RPGACC72H/ TMIDL1H RPGACC73L/ TMIDH1L RPGACC73H/ TMIDH1H	TMIDL1 RPGACC73/	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	<i>*</i>				

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

^ al al	Special function resister (SER)	0:		Pin count					
Address	Special function register (SFR) name	Sym	DOI	80-pin	64-pin	48-pin	32-pin	30-pin	
F0616H	CAN RAM test register 75 /	RPGACC75L/	RPGACC75/	✓	✓	✓	✓	✓	
	CAN transmit buffer register 1BH	TMPTR1L	TMPTR1						
F0617H		RPGACC75H/		✓	✓	✓	✓	✓	
		TMPTR1H							
F0618H	CAN RAM test register 76 /	RPGACC76L/	RPGACC76/	✓	✓	✓	✓	✓	
	CAN transmit buffer register 1CL	TMDF01L	TMDF01						
F0619H		RPGACC76H/		✓	✓	✓	✓	✓	
		TMDF01H							
F061AH	CAN RAM test register 77 /	RPGACC77L/	RPGACC77/	✓	✓	✓	✓	✓	
	CAN transmit buffer register 1CH	TMDF11L	TMDF11						
F061BH		RPGACC77H/		✓	✓	✓	✓	✓	
		TMDF11H							
F061CH	CAN RAM test register 78 /	RPGACC78L/	RPGACC78/	✓	✓	✓	✓	✓	
	CAN transmit buffer register 1DL	TMDF21L	TMDF21						
F061DH		RPGACC78H/		✓	✓	✓	✓	✓	
		TMDF21H							
F061EH	CAN RAM test register 79 /	RPGACC79L/	RPGACC79/	✓	✓	✓	✓	✓	
	CAN transmit buffer register 1DH	TMDF31L	TMDF31						
F061FH		RPGACC79H/	1	✓	✓	✓	✓	✓	
		TMDF31H							
F0620H	CAN RAM test register 80 /	RPGACC80L/	RPGACC80/	✓	✓	✓	✓	✓	
	CAN transmit buffer register 2AL	TMIDL2L	TMIDL2						
F0621H		RPGACC80H/		✓	✓	✓	✓	✓	
		TMIDL2H							
F0622H	CAN RAM test register 81 /	RPGACC81L/	RPGACC81/	✓	✓	✓	✓	✓	
	CAN transmit buffer register 2AH	TMIDH2L	TMIDH2						
F0623H]	RPGACC81H/		✓	✓	✓	✓	✓	
		TMIDH2H							
F0624H	CAN RAM test register 82	RPGACC82L	RPGACC82	✓	✓	✓	✓	✓	
F0625H	1	RPGACC82H	1	✓	✓	✓	✓	✓	
F0626H	CAN RAM test register 83 /	RPGACC83L/	RPGACC83/	✓	✓	✓	✓	✓	
	CAN transmit buffer register 2BH	TMPTR2L	TMPTR2						
F0627H	3	RPGACC83H/		✓	√	✓	✓	✓	
		TMPTR2H							
F0628H	CAN RAM test register 84 /	RPGACC84L/	RPGACC84/	✓	✓	✓	✓	✓	
	CAN transmit buffer register 2CL	TMDF02L	TMDF02						
F0629H		RPGACC84H/	1	✓	√	√	√	√	
. 002011		TMDF02H							
F062AH	CAN RAM test register 85 /	RPGACC85L/	RPGACC85/	√	√	√	√	√	
1 0027 11 1	CAN transmit buffer register 2CH	TMDF12L	TMDF12						
F062BH	Of it than only building local 2011	RPGACC85H/	111151 12	✓	√	√	√	√	
. 002011		TMDF12H							
F062CH	CAN RAM test register 86 /	RPGACC86L/	RPGACC86/	✓	√	√	✓	√	
1 002011	CAN transmit buffer register 2DL	TMDF22L	TMDF22				'		
F062DH	O/ 114 transmit build register ZDE	RPGACC86H/	111101 22	✓	√	√	√	√	
1 002011		TMDF22H					'		
F062EH	CAN RAM test register 87 /	RPGACC87L/	RPGACC87/	✓	√	√	✓	√	
FUOZEN	CAN transmit buffer register 2DH	TMDF32L	TMDF32	•	_ *		*	•	
EUGOELI	Only transmit bullet register ZDF		TIVIDESZ	✓	√	√	√	.7	
F062FH		RPGACC87H/						✓	
		TMDF32H	<u> </u>			<u> </u>	l .		

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

A .1 .1	On a lat (marting marting	· - I			Pin coun	t	•	
Address	Special function register (SFR) name	Sym	bol	80-pin	64-pin	48-pin	32-pin	30-pin
F0630H	CAN RAM test register 88 /	RPGACC88L/	RPGACC88/	✓	✓	✓	✓	✓
	CAN transmit buffer register 3AL	TMIDL3L	TMIDL3					
F0631H		RPGACC88H/		✓	✓	✓	✓	✓
		TMIDL3H						
F0632H	CAN RAM test register 89 /	RPGACC89L/	RPGACC89/	✓	✓	✓	✓	✓
	CAN transmit buffer register 3AH	TMIDH3L	TMIDH3					
F0633H		RPGACC89H/		✓	✓	✓	✓	✓
		TMIDH3H						
F0634H	CAN RAM test register 90	RPGACC90L	RPGACC90	✓	✓	✓	✓	✓
F0635H		RPGACC90H		✓	✓	✓	✓	✓
F0636H	CAN RAM test register 91 /	RPGACC91L/	RPGACC91/	✓	✓	✓	✓	✓
	CAN transmit buffer register 3BH	TMPTR3L	TMPTR3					
F0637H		RPGACC91H/		✓	✓	✓	✓	✓
		TMPTR3H						
F0638H	CAN RAM test register 92 /	RPGACC92L/	RPGACC92/	✓	✓	✓	✓	✓
	CAN transmit buffer register 3CL	TMDF03L	TMDF03					
F0639H		RPGACC92H/		✓	✓	✓	✓	✓
		TMDF03H						
F063AH	CAN RAM test register 93 /	RPGACC93L/	RPGACC93/	✓	✓	✓	✓	✓
	CAN transmit buffer register 3CH	TMDF13L	TMDF13					
F063BH		RPGACC93H/		✓	✓	✓	✓	✓
		TMDF13H						
F063CH	CAN RAM test register 94 /	RPGACC94L/	RPGACC94/	✓	✓	✓	✓	✓
	CAN transmit buffer register 3DL	TMDF23L	TMDF23					
F063DH		RPGACC94H/		✓	✓	✓	✓	✓
		TMDF23H						
F063EH	CAN RAM test register 95 /	RPGACC95L/	RPGACC95/	✓	✓	✓	✓	✓
	CAN transmit buffer register 3DH	TMDF33L	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	Ţ.	RPGACC101H		✓	✓	✓	✓	✓
F064CH	CAN RAM test register 102	RPGACC102L	RPGACC102	✓	✓	✓	✓	✓
F064DH		RPGACC102H	1	✓	✓	✓	✓	✓
F064EH	CAN RAM test register 103	RPGACC103L	RPGACC103	✓	✓	✓	✓	✓
F064FH		RPGACC103H	1	✓	√	√	√	√
F0650H	CAN RAM test register 104	RPGACC104L	RPGACC104	√	√	√	✓	✓
F0651H	C. a. t. t. a. a. t. coc. rog.otor 104	RPGACC104H	5, 155 154	· ·	·	· ·	<i>✓</i>	·
F0652H	CAN RAM test register 105	RPGACC105L	RPGACC105	·	·	· ·	· ✓	·
F0653H	C. W. T. W. Cost Togistor 100	RPGACC105H	111 3/100 103	✓	✓	✓	✓	✓
1 00001		I KI OACCIOSH	1	1 .	i •	· •	i ,	i ,

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	Sym	hol					
		- ,	501	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	j j	RPGACC112H	1	✓	✓	✓	✓	✓
F0662H	CAN RAM test register 113	RPGACC113L	RPGACC113	✓	✓	✓	✓	✓
F0663H	, and the second	RPGACC113H		✓	✓	✓	✓	✓
F0664H	CAN RAM test register 114	RPGACC114L	RPGACC114	✓	✓	√	✓	✓
F0665H	3	RPGACC114H		✓	√	✓	✓	✓
F0666H	CAN RAM test register 115	RPGACC115L	RPGACC115	✓	✓	√	✓	✓
F0667H		RPGACC115H		✓	√	✓	✓	√
F0668H	CAN RAM test register 116	RPGACC116L	RPGACC116	√	√	√	✓	√
F0669H		RPGACC116H	0/100110	✓	√	√	✓	√
F066AH	CAN RAM test register 117	RPGACC117L	RPGACC117	√	√	√	√	√
F066BH	- Critical and Cost regions 1117	RPGACC117H	111 0/10011/	√	√	√	√	√
F066CH	CAN RAM test register 118	RPGACC118L	RPGACC118	√	√	√	√	√
F066DH	- Control with teet register 110	RPGACC118H	111 0/100110	✓	√	√	√	√
F066EH	CAN RAM test register 119	RPGACC119L	RPGACC119	√	√	√	√	√
F066FH		RPGACC119H	0/100110	✓	√	√	√	√
F0670H	CAN RAM test register 120	RPGACC120L	RPGACC120	√	√	√	√	√
F0671H	- Critician test register 125	RPGACC120H	111 0/100120	√	√	√	√	√
F0672H	CAN RAM test register 121	RPGACC121L	RPGACC121	√	√	√	√	√
F0673H	- Crittiani tost register 121	RPGACC121H	111 0/100121	✓	√	√	√	√
F0674H	CAN RAM test register 122	RPGACC122L	RPGACC122	√	√	√	√	√
F0675H	O A T T O WIT COST TO GLOCAL TELE	RPGACC122H	111 0/100122	√	√	√	√	√
F0676H	CAN RAM test register 123	RPGACC123L	RPGACC123	√	√	√	√	√
F0677H	O ANT TO ANT LOST TO GISTON 120	RPGACC123H	111 0/100120	✓	✓	✓	✓ ·	✓
F0678H	CAN RAM test register 124	RPGACC124L	RPGACC124	✓	√ ·	✓	✓ ·	✓
F0679H	O/IIV TO IIVI lost register 124	RPGACC124H	111 0/100124	✓ ·	✓	✓	✓ ·	√ ·
F0679H F067AH	CAN RAM test register 125	RPGACC124H	RPGACC125	√	√	✓	✓	√
F067BH	C. III TO IIII LOOK TOGISION 120	RPGACC125H	A. GAGG123	✓	√	✓	✓	✓
F067CH	CAN RAM test register 126	RPGACC126L	RPGACC126	√	√	✓	✓	√
F067DH	OAN MAIN LEST TEGISTET 120	RPGACC126L	NEGACC120	✓	∨	√	✓	√
F067EH	CAN RAM test register 127		RPGACC127	∨	∨	✓	✓	√
F067FH	OAN MAIN LEST TEGISLET 121	RPGACC127L RPGACC127H	NEGACC12/	√	∨	√	✓	√
	CANO transmit history buffer access		THIACCO	√	√	√	✓	√
F0680H	CAN0 transmit history buffer access	THLACCOL	THLACC0	✓ ✓	✓	✓	✓ ✓	
F0681H	register	THLACC0H	<u> </u>	· ·	· ·	· ·		✓
F06C1H	LIN wakeup baud rate select register	LWBR0						
		LWBR1	1					
F06C2H	LIN/UART baud rate prescaler 0 register	LBRP00	LBRP0/	✓	✓	✓	✓	✓

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

A .l.l	0	0			Pin coun	t	
Address	Special function register (SFR) name	Symbol	80-pin	64-pin	48-pin	32-pin	30-pin
F06C3H	LIN/UART baud rate prescaler 1 register	LBRP01	✓	✓	✓	32-pin / / / / / / / / / / / / /	✓
		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	✓	✓	✓	√	✓
	OAK i configuration register	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	✓	√	√	√	√
1 000011	Envolver transmit someor register	LTRC1	-				-
F06D1H	LIN/UART mode status register	LMST0	✓	√	√	1	✓
1 000 111	LIN OAKT Mode states register	LMST1	•	-	· ·		,
F06D2H	LIN/UART status register	LST0	✓	√	✓	1	√
1 000211	LIN/OAKT Status register	LST1	•	-	· ·		,
F06D3H	LIN/UART error status register	LEST0	√	✓	√	1	√
1 000511	LIN/OAKT error status register	LEST1	•	<u> </u>	<u> </u>	,	,
F06D4H	LIN/UART data field configuration register	LDFC0	√	✓	✓	1	✓
1 000411	LIN/OAKT data field configuration register	LDFC1	•	<u> </u>	<u> </u>	,	,
F06D5H	LIN/UART ID buffer register	LIDB0	√	✓	✓	./	✓
гиороп	LIN/OAK I ID buller register	LIDB1	•	•	· ·	•	•
FOCDCLI	LINI shockey months and sistem		√	✓	✓	./	√
F06D6H	LIN checksum buffer register	LCBR0	•	· •	· •	· ·	•
FOCDZII	LIADT data buffer 0 register	LCBR1	√	√	√	./	√
F06D7H	UART data buffer 0 register	LUDB00	•	· •	· •	· ·	•
FOODOLL	LINI/LIADT data buffan 4 na siatan	LUDB10					
F06D8H	LIN/UART data buffer 1 register	LDB01	✓	✓	✓	· ·	✓
		LDB11					
F06D9H	LIN/UART data buffer 2 register	LDB02	✓	✓	✓	~	✓
E005 ***	LINI/IADT data by a control	LDB12					
F06DAH	LIN/UART data buffer 3 register	LDB03	✓	√	√	~	✓
E 22 D =··		LDB13					
F06DBH	LIN/UART data buffer 4 register	LDB04	✓	✓	✓	✓	✓
		LDB14					_
F06DCH	LIN/UART data buffer 5 register	LDB05	√	✓	✓	✓	✓
		LDB15			ļ	1	
F06DDH	LIN/UART data buffer 6 register	LDB06	✓	✓	✓	\rightarrow \right	✓
		LDB16					

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

	List of extended SFRS (2 SFR) of					Pin coun		
Address	Special function register (SFR) name	Syn	nbol	80-pin	64-pin	48-pin	32-pin	30-pin
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		1	1	ļ		
F0791H	Event output destination select register 17	ELSELR17		1	1			
F0792H	Event output destination select register 18	ELSELR18				ļ		
F0793H	Event output destination select register 19	ELSELR19		1				
F0794H	Event output destination select register 20	ELSELR20		1				
F0795H	Event output destination select register 21	ELSELR21						
F0796H	Event output destination select register 22	ELSELR22						
F0797H	Event output destination select register 23	ELSELR23		1	1			
F0798H	Event output destination select register 24	ELSELR24						
F0799H	Event output destination select register 25	ELSELR25						

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	Data	D 4 14		•	Pin o	ount		
Flash	Flash	RAM	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.

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

	Table 3.2 List of SF	RS OF Gro	up D of RL	./8/F14 (1		D'		
Address	Special function register (SFR) name	Sy	mbol	00 min		Pin coun		20
FFFOOLI	Port register 0	P0		80-pin ✓	64-pin ✓	48-pin ✓	32-pin	30-pin
FFF00H	Port register 0	P0 P1		V ✓	√	✓	✓	√
FFF01H FFF03H	Port register 1	P3		V ✓	√	✓	✓	√
FFF03H FFF04H	Port register 3 Port register 4	P4		V ✓	✓	✓	✓	√
FFF05H	Port register 5	P5		✓	✓	•	•	V
FFF05H	Port register 6	P6		✓	✓	✓	✓	
FFF07H	Port register 7	P7		→	✓	✓	•	
FFF08H	Port register 8	P8		· ·	·	· ·	✓	√
FFF09H	Port register 9	P9		✓	✓	✓	•	V
FFF0AH	Port register 10	P10			•	-		
FFF0CH	-	P12		√	✓	✓	✓	✓
	Port register 12			V ✓	✓	✓	✓	√
FFF0DH	Port register 14	P13		V ✓	✓	✓	· ·	•
FFF0EH	Port register 14			•	V	•		
FFF0FH	Port register 15	P15	enpoo	./	./	√	√	./
FFF10H	Serial data register 00	SDR00L	SDR00	✓ ✓	✓ ✓	✓	✓ ✓	✓ ✓
FFF11H	Carial data raniatas 04	- CDD041	CDD04	√	√	✓	✓	√
FFF12H	Serial data register 01	SDR01L	SDR01	✓	√	✓	✓	
FFF13H	Timer data register 00	TDDOO		√	√	✓	✓	✓ ✓
FFF18H	Timer data register 00	TDR00		•	•	•	•	•
FFF19H	Times data seciates 04	TDD041	TDD04					
FFF1AH	Timer data register 01	TDR01L	TDR01	√	√	√	√	√
FFF1BH	40 hit A/D	TDR01H	4 D O D	✓ ✓	✓ ✓	✓ ✓	✓ ✓	√
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	ADM		✓ ✓	✓ ✓	✓	√	1
FFF32H	A/D converter mode register 1	ADM1				-	✓ /	√ /
FFF34H	D/A converter mode 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			,	V	√	√
FFF39H	External interrupt falling edge enable register 0	EGN0		✓	~	✓	✓	✓
FFF3AH	External interrupt rising edge enable register	EGP1		√	✓	√	✓	✓
	1]

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

A .I .I	Out a del Competitue de distant (OFF) a sur					Pin coun	t	
Address	Special function register (SFR) name	Sy	mbol	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	Timer DD general register D4	TDDCDD4		✓	√	√	√	√
FFF5EH FFF5FH	Timer RD general register D1	TRDGRD1		•	•	•	•	•
FFF64H	Timer data register 02	TDR02		✓	√	√	✓	√
FFF65H	Timer data register 02	TDR02		,	•	•	•	•
FFF66H	Timer data register 03	TDR03L	TDR03	✓	√	√	√	√
FFF67H	Timer data register 00	TDR03H	TDIXOS	· ✓	√ ·	· ✓	√ ·	·
FFF68H	Timer data register 04	TDR04		√	√	√	√	√
FFF69H	or data regioter o :							
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			1					
FFF76H	Timer data register 13	TDR13L	TDR13	✓	✓	✓	✓	✓
FFF77H		TDR13H		✓	✓	✓	√	✓
FFF78H	Timer data register 14	TDR14						
FFF79H								
FFF7AH	Timer data register 15	TDR15						
FFF7BH	Timor data register 16	TDB46						
FFF7CH	Timer data register 16	TDR16						
FFF7DH FFF7EH	Timer data register 17	TDR17						
FFF7FH	Timer uata register 17	ואטו						
11175	Second count register	SEC		✓	√	√	√	√
FFFQ2H								
FFF92H FFF93H	Second count register Minute count register	MIN		√	✓	√	√	√

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

A d d u a a a	Special function register (SER) name	6.	mah al			Pin coun	t	
Address	Special function register (SFR) name	3)	/mbol	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	1	✓	✓	✓	✓	✓
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 3-2 List of SFRs of Group D of RL78/F14 (4/4)

A -l -l	Consist function assisted (CER) warms		h al		Pin count -pin 64-pin 48-pin			
Address	Special function register (SFR) name	Symbol 80-pin 64-pin 48-pin 32-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)

	Table 3.3 List of extended SI		OI IKE		Pin coun	t	
Address	Special function register (SFR) name	Symbol	80-pin	64-pin	48-pin	32-pin	30-pin
F0010H	A/D converter mode register 2	ADM2	·	·	·	·	·
F0011H	Conversion result comparison upper limit	ADIII	✓	✓	✓	✓	✓
	setting register	ADUL					
F0012H	Conversion result comparison lower limit	ADLI	✓	✓	✓	✓	✓
	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	→	· /	· ·	•	
F003711	Pull-up resistor option register 9	PU9	· ·	· /	,		
F003AH	Pull-up resistor option register 10	PU10	1	•			
F003CH	Pull-up resistor option register 12	PU12	✓	√	✓	1	√
F003EH	Pull-up resistor option register 14	PU14	· ·	·	· /		
F003FH	Pull-up resistor option register 15	PU15	1	•	<u> </u>		
F0041H	Port input mode register 1	PIM1	✓	✓	√	√	√
F0043H	Port input mode register 3	PIM3	· ·	·	·	· ✓	·
F0045H	Port input mode register 5	PIM5	· ·	•	<u> </u>		
F0046H	Port input mode register 6	PIM6	→	√	✓	√	
F0046I1	Port input mode register 7	PIM7	→	✓	✓		
F004711	Port input mode register 7 Port input mode register 12	PIM12	→	✓	✓	√	√
F004CH	Port output mode register 1	POM1	✓	✓	✓	√	✓
F0051H	Port output mode register 6	POM6	✓	✓	✓	√	<u> </u>
F0056H	Port output mode register 7	POM7	✓	√	✓		
F0057H	Port output mode register 12	POM12	→	✓	✓	√	√
F005CH	Port mode control register 7	PMC7	*	•	<u> </u>	,	
F0067H	_	PMC9	✓	√			
	Port mode control register 9		✓	√	√	√	√
F006CH F0070H	Port mode control register 12	PMC12 NFEN0	✓	√	✓	√	√
	Noise filter enable register 0				1		
F0071H	Noise filter enable register 1	NFEN1	✓	✓	✓	✓	✓

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

	Table 3-3 List of extended SI		-			Pin coun	t	
Address	Special function register (SFR) name	Sy	/mbol	80-pin	64-pin	48-pin	32-pin	30-pin
F0072H	Noise filter enable register 2	NFEN2		√ √	√	40 piii	<u> √</u>	√ √
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	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	HIOTRM		√	√	√	√	√
1 00/1011	register	1						
F00A8H	High-speed on-chip oscillator frequency select register	HOCODIV		√	√	√	√	√
F00D8H	SPM control register	SPMCTRL		√	√	√	√	√
F00DAH	SP overflow address setting register	SPOFR		√	· ✓	· ✓	· ✓	✓
F00DBH	or evernow address seaming register	0.011						
F00DCH	SP underflow address setting register	SPUFR		√	√	√	√	√
F00DDH	or undernow address setting register	OI OI K						
F00F0H	Peripheral enable register 0	PER0		√	√	√	√	√
F00F3H	Operation speed mode control register	OSMC		<i>'</i>	· ✓	· ✓	· ✓	√ ·
F00FEH	BCD correction result register	BCDADJ		√	·	·	·	√ ·
F0100H	Serial status register 00	SSR00L	SSR00	✓ ·	✓	✓	✓	✓
F0101H	- Condi status register oo	-		✓	✓	✓	✓	✓ ·
F0102H	Serial status register 01	SSR01L	SSR01	√	√ ·	√ ·	· ✓	✓
F0103H	- Conditional register of	-		√	✓	✓	✓	✓
F0104H	Serial flag clear trigger register 00	SIR00L	SIR00	√	√ ·	√ ·	· ✓	✓
F0105H	Condinag oldar angger register of	-		√	√ ·	√ ·	√ ·	✓
F0106H	Serial flag clear trigger register 01	SIR01L	SIR01	√	√	√	√	√
F0107H	Condinag oldar angger register or	-		✓	✓	✓	✓	✓ ·
F0108H	Serial mode register 00	SMR00		√	√	√	√	√
F0109H	gona: mode regions: oc							
F010AH	Serial mode register 01	SMR01		√	√	√	√	√
F010BH	gona mode regions or							
F010CH	Serial communication operation setting	SCR00		√	√	√	√	√
F010DH	register 00	001100			·			
F010EH	Serial communication operation setting	SCR01		√	√	√	√	√
F010FH	register 01	Conton						
F0110H	Serial channel enable status register 0	SE0L	SE0	√	√	√	√	√
F0111H	Contact of table states register of	-		✓	· ✓	· ✓	· ✓	√ ·
F0112H	Serial channel start register 0	SS0L	SS0	√	✓	✓	✓	✓
F0113H	Cond. Grannor start register o	-		✓	·	·	·	<i>√</i>
F0114H	Serial channel stop register 0	ST0L	ST0	<i>√</i>	· ✓	· ✓	· ✓	√ ·
F0115H	Contain on Stop Togistor 0	-	-	✓	·	·	·	· ✓
F0116H	Serial clock select register 0	SPS0L	SPS0	→	✓	✓	✓	√
F0117H	Some clock scient register o	0. 002	- 3. 50	✓	✓	✓	✓	√

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

	Table 3-3 List of extended S	1 1/3 (2 31	K) of Glou	p b or KL	Pin count				
Address	Special function register (SFR) name	S	/mbol	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	SCR10		✓	✓	✓	✓	✓	
F014DH	register 10			✓	✓	✓	✓	✓	
F014EH	Serial communication operation setting	SCR11		✓	✓	✓	✓	✓	
F014FH	register 11								
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	1								
F015AH	Serial output enable register 1	SOE1L	SOE1	✓	✓	✓	✓	✓	
F015BH	1	-		✓	✓	✓	✓	✓	
F0160H	Serial output level register 1	SOL1L	SOL1	✓	✓	✓	✓	✓	
F0161H	1	_		√	✓	✓	✓	✓	
F0162H	Serial slave select enable register 1	SSE1L	SSE1	✓	✓	✓	✓	✓	
F0163H		-	7	✓	✓	✓	✓	✓	
F0180H	Timer counter register 00	TCR00	1	√	√	√	✓	√	
F0181H						1	1		
F0182H	Timer counter register 01	TCR01		√	√	√	√	√	
F0183H						1	1		
F0184H	Timer counter register 02	TCR02		√	√	✓	√	√	
F0185H		101102				1			
F0186H	Timer counter register 03	TCR03		√	√	✓	✓	√	
F0187H	Timor obtainer register of	101103							
F0188H	Timer counter register 04	TCR04		√	√	✓	✓	√	
F0189H	Timor obtainer register of	101104							
1010311	1				l			l	

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

Table 3-3 List of extended SFRs (2 nd SFR) of Group D of RL78/F14 (4/29)											
Address	Special function register (SFR) name	S	ymbol			Pin coun		Г			
				80-pin	64-pin	48-pin	32-pin	30-pin			
F018AH F018BH	Timer counter register 05	TCR05		✓	✓	✓	✓	✓			
F018CH F018DH	Timer counter register 06	TCR06		✓	✓	✓	√	✓			
F018EH	Timer counter register 07	TCR07		✓	✓	✓	✓	✓			
F018FH F0190H	Timer mode register 00	TMR00		✓	√	√	√	√			
F0190H F0191H	Timer mode register oo	TIVIKUU		ľ	•	•	•	•			
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	T	TMDOO									
F019CH	Timer mode register 06	TMR06		✓	✓	✓	✓	✓			
F019DH	Times made register 07	TMR07		✓	√	√	√	√			
F019EH F019FH	Timer mode register 07	TIVIRU		ľ	•	•	•	•			
F01A0H	Timer status register 00	TSR00L	TSR00	✓	√	√	√	√			
F01A1H	Timer status register 00	-	13100	✓	· ·	·	·	·			
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		-	70000	√	√	√	√	√			
F01ACH	Timer status register 06	TSR06L	TSR06	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓			
F01ADH F01AEH	Timer status register 07	TSR07L	TSR07	✓	✓	∨	∨	∨			
F01AFH	Timer status register or	-	13107	√	·	·	·	·			
F01B0H	Timer channel enable status register 0	TEOL	TE0	√	✓	✓	✓	✓			
F01B1H		-	1	✓	✓	✓	✓	✓			
F01B2H	Timer channel start register 0	TS0L	TS0	✓	✓	✓	✓	✓			
F01B3H	_	-		✓	✓	✓	✓	✓			
F01B4H	Timer channel stop register 0	TT0L	TT0	✓	✓	✓	✓	✓			
F01B5H		-		✓	✓	✓	✓	✓			
F01B6H F01B7H	Timer clock select register 0	TPS0		✓	✓	✓	✓	✓			
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		-		✓	✓	✓	✓	✓			

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

Symbol Symbol Symbol Symbol Symbol Sopin 64-pin 48-pin 32-pin 30-pin 67-pin 68-pin	Table 3-3 List of extended SF	KS (2" SFI	R) or Group	· · · · · · · · · · · · · · · · · · ·						
FO1BEH	Address	Special function register (SFR) name	S	/mbol	00				20!	
FO1EDH	FOARELL	Time an australit manda na silatan O	TOMOL	TOMO						
FOLICH Timer counter register 10 TCR10 V		Timer output mode register o	TOMOL	TOMO						
FO1C2H		Timer counter register 10	TCP10							
FO1C2H		Timer counter register 10	ICKIU		•		•	•	v	
F01C3H F		Timer counter register 11	TCP11		1	1	1	1	1	
FO1CAH		Timer counter register 11	TOKIT			,			·	
F01C5H		Timer counter register 12	TCR12			1	1	✓ ·	✓	
FO1C6H	-	Timer counter register 12	TORTZ						·	
FO1C7H		Timer counter register 13	TCR13		√	1	√	√	√	
FO1C8H		Timer counter register to	TORTO					-		
FO1C9H		Timer counter register 14	TCR14							
FO1CAH		Timer codiner register 14	101(14							
F01CBH		Timer counter register 15	TCR15							
FO1CCH	-	Timer counter register 15	TOKIS							
F01CDH		Timer counter register 16	TCR16							
FO1CEH		Timer counter register to	TOKTO							
F01CFH		Timer counter register 17	TCR17							
F01D0H		Timer counter register 17	101(17							
FO1D1H		Timer mode register 10	TMR10			1	√	√	√	
F01D2H		Timer mode register to	TIVIICIO						·	
F01D3H		Timer mode register 11	TMR11			1	1	/	✓	
F01D4H		Timer mode register 11	I IIIII I			,			·	
F01D5H		Timer mode register 12	TMR12		√	1	1	/	✓	
F01D6H		Timer mode register 12	TIVIICIZ						·	
F01D7H		Timer mode register 13	TMR13		√	1	√	√	√	
F01D8H		Times mede regioner to	1111111							
F01D9H F01DAH Timer mode register 15 TMR15 TMR15 F01DBH F01DCH Timer mode register 16 TMR16 F01DDH F01DDH Timer mode register 17 TMR17 F01DFH F01DFH Timer status register 10 TSR10L TSR10 V		Timer mode register 14	TMR14							
F01DAH		Timor mode register 11								
F01DBH		Timer mode register 15	TMR15							
F01DCH Timer mode register 16 TMR16 F01DDH Timer mode register 17 TMR17 F01DFH Timer mode register 10 TSR10L TSR10 ✓		Time made register to	1111111							
F01DDH		Timer mode register 16	TMR16							
F01DEH Timer mode register 17 TMR17 F01DFH Timer status register 10 TSR10L TSR10 ✓ <td< td=""><td></td><td>, Times made regions. To</td><td> </td><td></td><td></td><td></td><td></td><td></td><td></td></td<>		, Times made regions. To								
F01DFH F01E0H Timer status register 10 TSR10L TSR10 V V V V V V V V V		Timer mode register 17	TMR17							
F01E0H		, Times made regions. Th								
F01E1H		Timer status register 10	TSR10L	TSR10	✓	√	✓	√	√	
F01E2H		, inner contact regions.	-		✓	√	√	√	✓	
F01E3H	-	Timer status register 11	TSR11L	TSR11	✓	√	√	√	✓	
F01E4H Timer status register 12 TSR12L TSR12 ✓		J	-		✓	√	✓	✓	✓	
F01E5H - ✓ </td <td></td> <td>Timer status register 12</td> <td>TSR12L</td> <td>TSR12</td> <td></td> <td></td> <td></td> <td></td> <td></td>		Timer status register 12	TSR12L	TSR12						
F01E6H Timer status register 13 TSR13L TSR13 ✓		3 ***	-		✓	✓	✓	✓	✓	
F01E7H - ✓ <td></td> <td>Timer status register 13</td> <td>TSR13L</td> <td>TSR13</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td>		Timer status register 13	TSR13L	TSR13	✓	✓	✓	✓	✓	
F01E8H Timer status register 14 TSR14L TSR14 TSR14 F01E9H - - - F01EAH Timer status register 15 TSR15L TSR15 F01EBH - - F01ECH Timer status register 16 TSR16L TSR16 F01EDH - -	-	3 *** *	-			†				
F01E9H - <td></td> <td>Timer status register 14</td> <td>TSR14L</td> <td>TSR14</td> <td></td> <td></td> <td></td> <td></td> <td></td>		Timer status register 14	TSR14L	TSR14						
F01EAH Timer status register 15 TSR15L TSR15 F01EBH - - F01ECH Timer status register 16 TSR16L TSR16 F01EDH - -		j	-							
F01EBH - F01ECH Timer status register 16 TSR16L TSR16 F01EDH -		Timer status register 15	TSR15L	TSR15						
F01ECH Timer status register 16 TSR16L TSR16 F01EDH - -	-	3 *** *	-							
F01EDH -	-	Timer status register 16	TSR16L	TSR16						
		3 *** *	-							
		Timer status register 17	TSR17L	TSR17						
F01EFH -		j		ヿ゙		1				

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

	Table 3-3 List of extended SF	1	-	<u> </u>	t			
Address	Special function register (SFR) name	S	ymbol	80-pin	64-pin	Pin coun	32-pin	30-pin
F01F0H	Timer channel enable status register 1	TE1L	TE1	√ √	√	40 piii	<u> </u>	√ √
F01F1H	Timor chambre chable states regions?	-	╡ :=:	√	√	√	√	√
F01F2H	Timer channel start register 1	TS1L	TS1	√	√	√	√	√
F01F3H	Timer charmer start register 1	-	- 101	✓	√ ·	√ ·	√ ·	✓
F01F4H	Timer channel stop register 1	TT1L	TT1	√	√ ·	√ ·	√ ·	✓
F01F5H	Table Sharmer Step register			√	√	√	✓	√
F01F6H	Timer clock select register 1	TPS1		√	√	√	√	√
F01F7H	Timer clock coloct register 1					·		
F01F8H	Timer output register 1	TO1L	TO1	√	√	√	√	√
F01F9H	or carpar regions	-	-	✓	√	√	√	✓
F01FAH	Timer output enable register 1	TOE1L	TOE1	✓	√	√	√	✓
F01FBH	Table Calpat Chazac regions	-		√	√	√	√	√
F01FCH	Timer output level register 1	TOL1L	TOL1	✓	√	√	√	✓
F01FDH	or carpar iors. regions	-		✓	√	√	√	✓
F01FEH	Timer output mode register 1	TOM1L	TOM1	√	√	√	√	√
F01FFH	, ramor carpar mode regioner :	-		√	√	√	√	✓
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	ECCDWR\		√	<i>✓</i>	√ ·	<i>✓</i>	✓
F0207H	Write data inversion register	LOODWIK	, IX		'		'	·
F0220H	Port output slew rate select register	PSRSEL		√	√	√	√	√
F0222H	SNOOZE status output control register 0	PSNZCNT	n	√	√	√	√	√
F0223H	SNOOZE status output control register 1	PSNZCNT		√	· ✓	√ ·	· ✓	✓
F0224H	SNOOZE status output control register 2	PSNZCNT		√	√	√		
F0225H	SNOOZE status output control register 3	PSNZCNT:		√	√	√		
F0227H	D/A converter mode register 2	DAM2		√	√	√	√	√
F0228H	PWM output delay control register 0	PWMDLY0	<u> </u>	✓	√	√	√	✓
F0229H	The state of the s							
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)

	Table 3-3 List of extended SF		1	Pin count				
Address	Special function register (SFR) name	Symbol	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	TRDDF0	✓	✓	✓	✓	✓	
	0							
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	TRDPOCR0	✓	✓	√	√	✓	
. 02.0	register 0							
F0276H	Timer RD counter 0	TRD0	√	√	√	√	✓	
F0277H	Time NB counter o	TREG						
F0278H	Timer RD general register A0	TRDGRA0	√	√	✓	√	✓	
F0279H	Timer No general register At	INDONAU		,	'	'	•	
	Timor PD general register PO	TRDCRRO	✓	√	✓	✓	√	
F027AH	Timer RD general register B0	TRDGRB0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	•	*	•	•	
F027BH	Time BB and selection 4	TDDOD4						
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	1							
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	· ·	· ·	· ·	· ·	· ✓	
F02C4H F02C5H		PLLCTL	✓	√	✓	✓	√	
	PLL control register		✓	√	∨	✓	√	
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	√	✓	✓	1		
F02D0H	High-speed DTC control register 0	HDTCCR0	✓	✓	✓	✓	✓	
F02D2H	High-speed DTC transfer number register 0	HDTCCT0	✓	✓	✓	✓	✓	
F02D3H	High-speed DTC transfer number reload	HDTRLD0	✓	✓	✓	✓	✓	
	register 0							

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

Table 3-3 List of extended SFRs (2 nd SFR) of Group D of RL78/F14 (8/29)									
Address	Special function register (SFR) name	Syn	nbol			Pin coun		l	
		_		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	HDTDAR0		✓	✓	✓	✓	√	
F02D7H	0	LIDTOODA							
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	HDTDAR1		✓	✓	✓	✓	✓	
F02DDH	1								
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	3								
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	COSTSLL	C0STSL	✓	✓	✓	√	√	
F0309H		COSTSLH		✓	✓	✓	√	✓	
F030AH	CAN0 status register H	C0STSHL	C0STSH	✓	✓	✓	✓	✓	
F030BH	3	C0STSHH		✓	✓	✓	✓	✓	
F030CH	CAN0 error flag register L	C0ERFLLL	C0ERFLL	✓	✓	✓	✓	✓	
F030DH	- common construction of the construction of t	C0ERFLLH		✓	✓	✓	✓	✓	
F030EH	CAN0 error flag register H	C0ERFLHL	C0ERFLH	✓	✓	√	√	√	
F030FH	- common construction of the construction of t	C0ERFLHH		✓	√	√	√	√	
F0322H	CAN global configuration register L	GCFGLL	GCFGL	√	√	√	√	√	
F0323H		GCFGLH		✓	√	✓	✓	✓	
F0324H	CAN global configuration register H	GCFGHL	GCFGH	√	✓	✓	√ ·	✓	
F0325H		GCFGHH	55. 5	✓	✓	✓	√ ·	✓	
F0326H	CAN global control register L	GCTRLL	GCTRL	✓ ·	·	· ✓	· ✓	· ✓	
F0327H	2 global control regions E	GCTRLH	30	✓	·	·	· ✓	· ✓	
F0328H	CAN global control register H	GCTRHL	GCTRH	· ·	· ·	· ·	·	· ·	
F0329H	C T grobal control regions 11	GCTRHH	0011111	✓	· ·	·	· ✓	·	
1 002311		JOHNIII	l	<u> </u>	L .	l ,			

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

	Table 3-3 List of extended SF		o. c.cap :		,	Pin coun			
Address	Special function register (SFR) name	Sym	nbol	80-pin 64-pin 48-pin 32-pin 30-pi					
FORMUL	CAN alabal status register	GSTSL	GSTS	ou-pin	64-pin	46-pin √	32-pin	30-pin	
F032AH	CAN global status register		GS1S	✓	√	✓	✓	∨	
F032BH	CAN alabal array flog register	GSTSH					-		
F032CH	CAN time and are register	GERFLL		✓ ✓	✓ ✓	√	✓ ✓	✓ ✓	
F032EH	CAN timestamp register	GTSC		•	· ·	*	•	· ·	
F032FH	0.00	0.451.0501	0.451.050						
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	CFMSTS		✓	✓	✓	✓	✓	
	status register								
F0362H	CAN receive FIFO interrupt status register	RFISTS		✓	✓	✓	✓	✓	
F0363H	CAN transmit/receive FIFO receive interrupt	CFISTS		✓	✓	✓	✓	✓	
	status register								
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	1	✓	✓	√	✓	✓	
F0376H	CAN0 transmit buffer transmit complete	TMTCSTSL	TMTCSTS	√	✓	√	✓	✓	
F0377H	status register	TMTCSTSH	1	✓	√	√	√	√	

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

	Table 3-3 List of extended SFRs (2 nd SFR) of Group D of RL78/F14 (10/29) Pin count							
Address	Special function register (SFR) name	Sym	bol	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 /	GAFLIDL0L/	GAFLIDL0/	✓	✓	✓	✓	✓
	CAN receive buffer register 0AL	RMIDL0L	RMIDL0					
F03A1H		GAFLIDL0H/]	✓	✓	✓	✓	✓
		RMIDL0H						
F03A2H	CAN receive rule entry register 0AH /	GAFLIDH0L/	GAFLIDH0/	✓	✓	✓	✓	✓
	CAN receive buffer register 0AH	RMIDH0L	RMIDH0					
F03A3H		GAFLIDH0H/		✓	✓	✓	✓	✓
		RMIDH0H						
F03A4H	CAN receive rule entry register 0BL /	GAFLML0L/	GAFLML0/	✓	✓	✓	✓	✓
	CAN receive buffer register 0BL	RMTS0L	RMTS0					
F03A5H		GAFLML0H/		✓	✓	✓	✓	✓
		RMTS0H						
F03A6H	CAN receive rule entry register 0BH /	GAFLMH0L/	GAFLMH0/	✓	✓	✓	✓	✓
	CAN receive buffer register 0BH	RMPTR0L	RMPTR0					
F03A7H		GAFLMH0H/		✓	✓	✓	✓	✓
		RMPTR0H						
F03A8H	CAN receive rule entry register 0CL /	GAFLPL0L/	GAFLPL0/	✓	✓	✓	✓	✓
	CAN receive buffer register 0CL	RMDF00L	RMDF00					
F03A9H		GAFLPL0H/		✓	✓	✓	✓	✓
		RMDF00H						
F03AAH	CAN receive rule entry register 0CH /	GAFLPH0L/	GAFLPH0/	✓	✓	✓	✓	✓
	CAN receive buffer register 0CH	RMDF10L	RMDF10					
F03ABH		GAFLPH0H/		✓	✓	✓	✓	✓
		RMDF10H						
F03ACH	CAN receive rule entry register 1AL /	GAFLIDL1L/	GAFLIDL1/	✓	✓	√	✓	✓
= 004=::	CAN receive buffer register 0DL	RMDF20L	RMDF20					
F03ADH		GAFLIDL1H/		✓	✓	√	✓	✓
F06 1 F::	0.11	RMDF20H	0.451.5111					
F03AEH	CAN receive rule entry register 1AH /	GAFLIDH1L/	GAFLIDH1/	✓	✓	✓	✓	✓
F00 4 F: :	CAN receive buffer register 0DH	RMDF30L	RMDF30			,		
F03AFH		GAFLIDH1H/		✓	✓	✓	✓	✓
		RMDF30H						

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

				D of RL78/F14 (11/29) Pin count				
Address	Special function register (SFR) name	Sym	ibol	80-pin	64-pin	48-pin	32-pin	30-pin
F03B0H	CAN receive rule entry register 1BL /	GAFLML1L/	GAFLML1/	·	·	·	·	·
	CAN receive buffer register 1AL	RMIDL1L	RMIDL1					
F03B1H		GAFLML1H/		✓	✓	✓	✓	✓
		RMIDL1H						
F03B2H	CAN receive rule entry register 1BH /	GAFLMH1L/	GAFLMH1/	✓	✓	✓	✓	✓
	CAN receive buffer register 1AH	RMIDH1L	RMIDH1					
F03B3H		GAFLMH1H/		✓	✓	✓	✓	✓
		RMIDH1H						
F03B4H	CAN receive rule entry register 1CL /	GAFLPL1L/	GAFLPL1/	✓	✓	✓	✓	✓
	CAN receive buffer register 1BL	RMTS1L	RMTS1					
F03B5H		GAFLPL1H/		✓	✓	✓	✓	✓
		RMTS1H						
F03B6H	CAN receive rule entry register 1CH /	GAFLPH1L/	GAFLPH1/	✓	✓	✓	✓	✓
	CAN receive buffer register 1BH	RMPTR1L	RMPTR1					
F03B7H		GAFLPH1H/		✓	✓	✓	✓	✓
		RMPTR1H						
F03B8H	CAN receive rule entry register 2AL /	GAFLIDL2L/	GAFLIDL2/	✓	✓	✓	✓	✓
	CAN receive buffer register 1CL	RMDF01L	RMDF01					
F03B9H		GAFLIDL2H/		✓	✓	✓	✓	✓
		RMDF01H						
F03BAH	CAN receive rule entry register 2AH /	GAFLIDH2L/	GAFLIDH2/	✓	✓	✓	✓	✓
	CAN receive buffer register 1CH	RMDF11L	RMDF11					
F03BBH		GAFLIDH2H/		✓	✓	✓	✓	✓
		RMDF11H						
F03BCH	CAN receive rule entry register 2BL /	GAFLML2L/	GAFLML2/	✓	✓	✓	✓	✓
	CAN receive buffer register 1DL	RMDF21L	RMDF21					
F03BDH		GAFLML2H/		✓	✓	✓	✓	✓
		RMDF21H						
F03BEH	CAN receive rule entry register 2BH /	GAFLMH2L/	GAFLMH2/	✓	✓	✓	✓	✓
	CAN receive buffer register 1DH	RMDF31L	RMDF31					
F03BFH		GAFLMH2H/		✓	✓	✓	✓	✓
		RMDF31H						
F03C0H	CAN receive rule entry register 2CL /	GAFLPL2L/	GAFLPL2/	✓	✓	✓	✓	✓
	CAN receive buffer register 2AL	RMIDL2L	RMIDL2					
F03C1H		GAFLPL2H/		✓	✓	✓	✓	✓
		RMIDL2H						
F03C2H	CAN receive rule entry register 2CH /	GAFLPH2L/	GAFLPH2/	✓	✓	✓	✓	✓
	CAN receive buffer register 2AH	RMIDH2L	RMIDH2					
F03C3H		GAFLPH2H/		✓	✓	✓	✓	✓
		RMIDH2H						
F03C4H	CAN receive rule entry register 3AL /	GAFLIDL3L/	GAFLIDL3/	✓	✓	✓	✓	✓
	CAN receive buffer register 2BL	RMTS2L	RMTS2				ļ	
F03C5H		GAFLIDL3H/		✓	✓	✓	✓	✓
		RMTS2H						
F03C6H	CAN receive rule entry register 3AH /	GAFLIDH3L/	GAFLIDH3/	✓	✓	✓	✓	✓
	CAN receive buffer register 2BH	RMPTR2L	RMPTR2					
F03C7H		GAFLIDH3H/		✓	✓	✓	✓	✓
		RMPTR2H						

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

			-	D of RL78/F14 (12/29) Pin count				
Address	Special function register (SFR) name	Sym	ibol	80-pin	64-pin	48-pin	32-pin	30-pin
F03C8H	CAN receive rule entry register 3BL /	GAFLML3L/	GAFLML3/	·	·	·	·	·
	CAN receive buffer register 2CL	RMDF02L	RMDF02					
F03C9H		GAFLML3H/		✓	✓	✓	✓	✓
		RMDF02H						
F03CAH	CAN receive rule entry register 3BH /	GAFLMH3L/	GAFLMH3/	✓	✓	✓	✓	✓
	CAN receive buffer register 2CH	RMDF12L	RMDF12					
F03CBH		GAFLMH3H/		✓	✓	✓	✓	✓
		RMDF12H						
F03CCH	CAN receive rule entry register 3CL /	GAFLPL3L/	GAFLPL3/	✓	✓	✓	✓	✓
	CAN receive buffer register 2DL	RMDF22L	RMDF22					
F03CDH		GAFLPL3H/		✓	✓	✓	✓	✓
		RMDF22H						
F03CEH	CAN receive rule entry register 3CH /	GAFLPH3L/	GAFLPH3/	✓	✓	✓	✓	✓
	CAN receive buffer register 2DH	RMDF32L	RMDF32					
F03CFH		GAFLPH3H/		✓	✓	✓	✓	✓
		RMDF32H						
F03D0H	CAN receive rule entry register 4AL /	GAFLIDL4L/	GAFLIDL4/	✓	✓	✓	✓	✓
	CAN receive buffer register 3AL	RMIDL3L	RMIDL3					
F03D1H		GAFLIDL4H/		✓	✓	✓	✓	✓
		RMIDL3H						
F03D2H	CAN receive rule entry register 4AH /	GAFLIDH4L/	GAFLIDH4/	✓	✓	✓	✓	✓
	CAN receive buffer register 3AH	RMIDH3L	RMIDH3					
F03D3H		GAFLIDH4H/		✓ ✓ ✓ ✓	✓	✓		
		RMIDH3H						
F03D4H	CAN receive rule entry register 4BL /	GAFLML4L/	GAFLML4/	✓	✓	✓	✓	✓
	CAN receive buffer register 3BL	RMTS3L	RMTS3					
F03D5H		GAFLML4H/		✓	✓	✓	✓	✓
		RMTS3H						
F03D6H	CAN receive rule entry register 4BH /	GAFLMH4L/	GAFLMH4/	✓	✓	✓	✓	✓
	CAN receive buffer register 3BH	RMPTR3L	RMPTR3					
F03D7H		GAFLMH4H/		✓	✓	✓	✓	✓
		RMPTR3H						
F03D8H	CAN receive rule entry register 4CL /	GAFLPL4L/	GAFLPL4/	✓	✓	✓	✓	✓
	CAN receive buffer register 3CL	RMDF03L	RMDF03					
F03D9H		GAFLPL4H/		✓	✓	✓	✓	✓
		RMDF03H						
F03DAH	CAN receive rule entry register 4CH /	GAFLPH4L/	GAFLPH4/	✓	✓	✓	✓	✓
	CAN receive buffer register 3CH	RMDF13L	RMDF13					
F03DBH		GAFLPH4H/		✓	✓	✓	✓	✓
		RMDF13H						
F03DCH	CAN receive rule entry register 5AL /	GAFLIDL5L/	GAFLIDL5/	✓	✓	✓	✓	✓
	CAN receive buffer register 3DL	RMDF23L	RMDF23					
F03DDH		GAFLIDL5H/		✓	✓	✓	✓	✓
		RMDF23H						
F03DEH	CAN receive rule entry register 5AH /	GAFLIDH5L/	GAFLIDH5/	✓	✓	✓	✓	✓
	CAN receive buffer register 3DH	RMDF33L	RMDF33					
F03DFH		GAFLIDH5H/		✓	✓	✓	✓	✓
		RMDF33H	l .					

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

				D of RL78/F14 (13/29) Pin count				
Address	Special function register (SFR) name	Sym	bol	80-pin	64-pin	48-pin	32-pin	30-pin
F03E0H	CAN receive rule entry register 5BL /	GAFLML5L/	GAFLML5/	·	·	·	·	✓
	CAN receive buffer register 4AL	RMIDL4L	RMIDL4					
F03E1H		GAFLML5H/	1	✓	✓	✓	✓	✓
		RMIDL4H						
F03E2H	CAN receive rule entry register 5BH /	GAFLMH5L/	GAFLMH5/	✓	✓	✓	✓	✓
	CAN receive buffer register 4AH	RMIDH4L	RMIDH4					
F03E3H		GAFLMH5H/		✓	✓	✓	✓	✓
		RMIDH4H						
F03E4H	CAN receive rule entry register 5CL /	GAFLPL5L/	GAFLPL5/	✓	✓	✓	✓	✓
	CAN receive buffer register 4BL	RMTS4L	RMTS4					
F03E5H		GAFLPL5H/		✓	✓	✓	✓	✓
		RMTS4H						
F03E6H	CAN receive rule entry register 5CH /	GAFLPH5L/	GAFLPH5/	✓	✓	✓	✓	✓
	CAN receive buffer register 4BH	RMPTR4L	RMPTR4					
F03E7H		GAFLPH5H/		✓	✓	✓	✓	✓
		RMPTR4H						
F03E8H	CAN receive rule entry register 6AL /	GAFLIDL6L/	GAFLIDL6/	✓	✓	✓	✓	✓
	CAN receive buffer register 4CL	RMDF04L	RMDF04					
F03E9H		GAFLIDL6H/		✓	✓	✓	✓	✓
		RMDF04H						
F03EAH	CAN receive rule entry register 6AH /	GAFLIDH6L/	GAFLIDH6/	✓	✓	✓	✓	✓
	CAN receive buffer register 4CH	RMDF14L	RMDF14					
F03EBH		GAFLIDH6H/		✓	✓	✓	✓	✓
		RMDF14H						
F03ECH	CAN receive rule entry register 6BL /	GAFLML6L/	GAFLML6/	✓	✓	✓	✓	✓
	CAN receive buffer register 4DL	RMDF24L	RMDF24					
F03EDH		GAFLML6H/		✓	✓	✓	✓	✓
		RMDF24H						
F03EEH	CAN receive rule entry register 6BH /	GAFLMH6L/	GAFLMH6/	✓	✓	✓	✓	✓
	CAN receive buffer register 4DH	RMDF34L	RMDF34					
F03EFH		GAFLMH6H/		✓	✓	✓	✓	✓
		RMDF34H						
F03F0H	CAN receive rule entry register 6CL /	GAFLPL6L/	GAFLPL6/	✓	✓	✓	✓	✓
	CAN receive buffer register 5AL	RMIDL5L	RMIDL5					
F03F1H		GAFLPL6H/		✓	✓	✓	✓	✓
		RMIDL5H						
F03F2H	CAN receive rule entry register 6CH /	GAFLPH6L/	GAFLPH6/	✓	✓	✓	✓	✓
	CAN receive buffer register 5AH	RMIDH5L	RMIDH5					
F03F3H		GAFLPH6H/		✓	✓	✓	✓	✓
		RMIDH5H						
F03F4H	CAN receive rule entry register 7AL /	GAFLIDL7L/	GAFLIDL7/	✓	✓	✓	✓	✓
	CAN receive buffer register 5BL	RMTS5L	RMTS5					
F03F5H		GAFLIDL7H/		✓	✓	✓	✓	✓
		RMTS5H						
F03F6H	CAN receive rule entry register 7AH /	GAFLIDH7L/	GAFLIDH7/	✓	✓	✓	✓	✓
	CAN receive buffer register 5BH	RMPTR5L	RMPTR5					
F03F7H		GAFLIDH7H/		✓	✓	✓	✓	✓
		RMPTR5H]					

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

		,	-	D of RL78/F14 (14/29) Pin count				
Address	Special function register (SFR) name	Sym	ibol	80-pin	64-pin	48-pin	32-pin	30-pin
F03F8H	CAN receive rule entry register 7BL /	GAFLML7L/	GAFLML7/	·	·	·	·	·
	CAN receive buffer register 5CL	RMDF05L	RMDF05					
F03F9H		GAFLML7H/		✓	✓	✓	✓	✓
		RMDF05H						
F03FAH	CAN receive rule entry register 7BH /	GAFLMH7L/	GAFLMH7/	✓	✓	✓	✓	✓
	CAN receive buffer register 5CH	RMDF15L	RMDF15					
F03FBH		GAFLMH7H/		✓	✓	✓	✓	✓
		RMDF15H						
F03FCH	CAN receive rule entry register 7CL /	GAFLPL7L/	GAFLPL7/	✓	✓	✓	✓	✓
	CAN receive buffer register 5DL	RMDF25L	RMDF25					
F03FDH		GAFLPL7H/		✓	✓	✓	✓	✓
		RMDF25H						
F03FEH	CAN receive rule entry register 7CH /	GAFLPH7L/	GAFLPH7/	✓	✓	✓	✓	✓
	CAN receive buffer register 5DH	RMDF35L	RMDF35					
F03FFH		GAFLPH7H/		✓	✓	✓	✓	✓
		RMDF35H						
F0400H	CAN receive rule entry register 8AL /	GAFLIDL8L/	GAFLIDL8/	✓	✓	✓	✓	✓
	CAN receive buffer register 6AL	RMIDL6L	RMIDL6					
F0401H		GAFLIDL8H/		✓	✓	✓	✓	✓
		RMIDL6H						
F0402H	CAN receive rule entry register 8AH /	GAFLIDH8L/	GAFLIDH8/	✓	✓	✓	✓	✓
	CAN receive buffer register 6AH	RMIDH6L	RMIDH6					
F0403H		GAFLIDH8H/		✓	✓	✓	✓	✓
		RMIDH6H						
F0404H	CAN receive rule entry register 8BL /	GAFLML8L/	GAFLML8/	✓	✓	✓	✓	✓
	CAN receive buffer register 6BL	RMTS6L	RMTS6					
F0405H		GAFLML8H/		✓	✓	✓	✓	✓
		RMTS6H						
F0406H	CAN receive rule entry register 8BH /	GAFLMH8L/	GAFLMH8/	✓	✓	✓	✓	✓
	CAN receive buffer register 6BH	RMPTR6L	RMPTR6					
F0407H		GAFLMH8H/		✓	✓	✓	✓	✓
		RMPTR6H						
F0408H	CAN receive rule entry register 8CL /	GAFLPL8L/	GAFLPL8/	✓	✓	✓	✓	✓
	CAN receive buffer register 6CL	RMDF06L	RMDF06					
F0409H		GAFLPL8H/		✓	✓	✓	✓	✓
		RMDF06H						
F040AH	CAN receive rule entry register 8CH /	GAFLPH8L/	GAFLPH8/	✓	✓	✓	✓	✓
	CAN receive buffer register 6CH	RMDF16L	RMDF16					
F040BH		GAFLPH8H/		✓	✓	✓	✓	✓
		RMDF16H						
F040CH	CAN receive rule entry register 9AL /	GAFLIDL9L/	GAFLIDL9/	✓	✓	✓	✓	✓
	CAN receive buffer register 6DL	RMDF26L	RMDF26		<u> </u>			
F040DH		GAFLIDL9H/		✓	✓	✓	✓	✓
		RMDF26H			ļ .			
F040EH	CAN receive rule entry register 9AH /	GAFLIDH9L/	GAFLIDH9/	✓	✓	✓	✓	✓
	CAN receive buffer register 6DH	RMDF36L	RMDF36					
F040FH		GAFLIDH9H/		✓	✓	✓	✓	✓
		RMDF36H	l .					

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

	Table 3-3 List of extended S		Pin count					
Address	Special function register (SFR) name	Sym	bol	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	·	·	· /	<i>'</i>	· ✓
F0411H	Ţ	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 3-3 List of extended SFRs (2nd SFR) of Group D of RL78/F14 (16/29)

	Table 3-3 List of extended S		Pin count						
Address	Special function register (SFR) name	Sym	bol	80-pin 64-pin 48-pin 32-pin 30-p					
F0428H	CAN receive rule entry register 11BL / CAN receive buffer register 8CL	GAFLML11L/ RMDF08L	GAFLML11/ RMDF08	✓ /	✓ /	√ /	√ /	✓	
F0429H	Graviosono banon registor con	GAFLML11H/ RMDF08H	TAMBIOO	✓	✓	✓	✓	✓	
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)

	Table 3-3 List of extended S	Symbol		Pin count						
Address	Special function register (SFR) name	Sym	bol	80-pin	64-pin 48-pin 32-pin 30					
F0440H	CAN receive rule entry register 13BL / CAN receive buffer register 10AL	GAFLML13L/ RMIDL10L	GAFLML13/ RMIDL10	·	·	·	·	✓		
F0441H	Ţ	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)

	Table 3-3 List of extended S		-	Pin count						
Address	Special function register (SFR) name	Sym	bol	80-pin						
F0458H	CAN receive rule entry register 15BL /	GAFLML15L/	GAFLML15/	✓ V	√	40 piii	<u> </u>	<u>σο μιιι</u>		
	CAN receive buffer register 11CL	RMDF011L	RMDF011							
F0459H	1	GAFLML15H/		✓	✓	✓	✓	✓		
		RMDF011H								
F045AH	CAN receive rule entry register 15BH /	GAFLMH15L/	GAFLMH15/	✓	✓	✓	✓	√		
	CAN receive buffer register 11CH	RMDF111L	RMDF111							
F045BH	j , , , , , , , , , , , , , , , , , , ,	GAFLMH15H/		✓	✓	✓	✓	✓		
		RMDF111H								
F045CH	CAN receive rule entry register 15CL /	GAFLPL15L/	GAFLPL15/	✓	✓	✓	✓	✓		
	CAN receive buffer register 11DL	RMDF211L	RMDF211							
F045DH		GAFLPL15H/		✓	✓	✓	✓	✓		
		RMDF211H								
F045EH	CAN receive rule entry register 15CH /	GAFLPH15L/	GAFLPH15/	✓	✓	✓	✓	✓		
	CAN receive buffer register 11DH	RMDF311L	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)

	Table 3-3 List of extended SFI	\\ \(\frac{1}{2} \)	oi Gioup L	OIKL		Pin coun	•	
Address	Special function register (SFR) name	Sym	nbol	80-pin	64-pin	30-pin		
F0482H	CAN receive buffer register 14AH	RMIDH14L	RMIDH14	- συ-μιπ - √	04-piii √	48-pin ✓	32-pin ✓	- σο-μπ - √
F0483H	CAN receive bullet register 14AT1	RMIDH14H	KWIIDITT4	✓	· ·	· ·	· /	· ✓
F0484H	CAN receive buffer register 14BL	RMTS14L	RMTS14	· /	· /	· ·	· /	· ·
F0485H	CAN receive buller register 14BL	RMTS14L	KWI1314	→	· ·	· ·	· /	√
F0486H	CAN receive buffer register 14BH	RMPTR14L	RMPTR14	· /	· /	· ·	· /	· ✓
F0487H	OAN TOCCIVE BUILT TOGISTEL TABIT	RMPTR14H	TOWN TICTA	✓	·	· ·	·	· ✓
F0488H	CAN receive buffer register 14CL	RMDF014L	RMDF014	<i>√</i>	·	· ·	· ·	√ ·
F0489H	OAN TOOME BUILD TOGISTED 1402	RMDF014H	TOWNER OF THE	✓	·	· ·	·	√ ·
F048AH	CAN receive buffer register 14CH	RMDF114L	RMDF114	✓ ·	<i>✓</i>	√ ·	✓ ·	√ ·
F048BH	CAN receive buller register 14C11	RMDF114H	KWDI 114	✓	· /	· ·	· /	· ✓
F048CH	CAN receive buffer register 14DL	RMDF214L	RMDF214	· ✓	· /	· ·	· /	· ✓
F048DH	CAN receive buller register 14DE	RMDF214H	I KINDI 214	√	· ·	· ·	· ·	· ·
F048EH	CAN receive buffer register 14DH	RMDF314L	RMDF314	· /	✓	✓	✓	√
F048FH	CAN receive buller register 14D11	RMDF314L	KIVIDES 14	✓	✓	✓	✓	√
F0490H	CAN receive buffer register 15AL	RMIDL15L	RMIDL15	√	· /	✓	· ·	√
F0490H	CAN receive buller register 15AL		RIVIIDE15	✓	✓	✓	✓	√
	CAN receive buffer register 15AH	RMIDL15H	RMIDH15	V ✓	✓	✓	✓	√
F0492H F0493H	CAN receive buller register 15AH	RMIDH15L RMIDH15H	RIVIIDH 13	✓	√	✓	√	√
F0493H F0494H	CAN receive buffer register 15Pl	RMTS15L	RMTS15	√	√	✓	✓	√
F0494H F0495H	CAN receive buffer register 15BL	RMTS15L	RIVITSTS	✓	✓	✓	✓	√
	CAN receive huffer register 4FDII	1	DMDTD45	√	✓	✓	✓	√
F0496H	CAN receive buffer register 15BH	RMPTR15L	RMPTR15	✓	√	✓	✓	√
F0497H	0.00	RMPTR15H	DMDEGAE			1		
F0498H	CAN receive buffer register 15CL	RMDF015L	RMDF015	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓
F0499H	CAN receive huffer register 4501	RMDF015H	DMDE445	V ✓	✓	✓	✓	V ✓
F049AH	CAN receive buffer register 15CH	RMDF115L	RMDF115	✓	√	∨	✓	√
F049BH	CAN reasive buffer register 15DI	RMDF115H	DMDE345	✓	· ·	∨	✓	∨
F049CH	CAN receive buffer register 15DL	RMDF215L	RMDF215	✓	✓	✓	✓	V ✓
F049DH	CAN receive huffer register 45DU	RMDF215H	DMDEQ45	1		-		
F049EH	CAN receive buffer register 15DH	RMDF315L	RMDF315	✓	√	√	√	√
F049FH	CAN DAM took to pictor 0	RMDF315H	DDC A CCO	✓ ✓	✓ ✓	√	√	√
F0580H	CAN RAM test register 0	RPGACC0L	RPGACC0			✓	√	√
F0581H	CAN DAM took to pictor 4	RPGACC0H	DDC 4 CC4	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓
F0582H	CAN RAM test register 1	RPGACC1L	RPGACC1		1	1	-	
F0583H	CAN DAM took to pictor 2	RPGACC1H	DDC ACCO	√	✓ ✓	√	√	√
F0584H	CAN RAM test register 2	RPGACC2L	RPGACC2	✓		✓	√	√
F0585H	CAN DAM took to pictor 2	RPGACC2H	DDC ACCO	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓
F0586H	CAN RAM test register 3	RPGACC3L	RPGACC3					
F0587H	CAN DAM tooti-t 4	RPGACC3H	DDC 4CC 4	✓ ✓	✓ ✓	√	√	√ /
F0588H	CAN RAM test register 4	RPGACC4L	RPGACC4	-		√ /	✓	√ /
F0589H	CAN DAM to the second s	RPGACC4H	DD04005	√	√	√	√	√
F058AH	CAN RAM test register 5	RPGACC5L	RPGACC5	✓	√	√	√	√
F058BH	CAN DAM test as sister 2	RPGACC5H	DDC 4 CCC	√	√	√	√	√
F058CH	CAN RAM test register 6	RPGACC6L	RPGACC6	✓	√	✓	√	√
F058DH	CAN DAMAGE TO T	RPGACC6H	DDC4665	√	√	√	√	√
F058EH	CAN RAM test register 7	RPGACC7L	RPGACC7	✓	✓	√	✓	√
F058FH		RPGACC7H	DD0:	√	✓	√	✓	√
F0590H	CAN RAM test register 8	RPGACC8L	RPGACC8	✓	√	√	✓	√
F0591H		RPGACC8H	DD 5 1 2 2	√	√	√	√	√
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)

	Table 3-3 List of extended S		-	Pin count						
Address	Special function register (SFR) name	Sym	bol	80-pin	64-pin	48-pin	32-pin	30-pin		
F0594H	CAN RAM test register 10	RPGACC10L	RPGACC10	· ✓	·	· ✓	·	·		
F0595H	1	RPGACC10H	1	✓	✓	✓	✓	✓		
F0596H	CAN RAM test register 11	RPGACC11L	RPGACC11	✓	✓	✓	✓	✓		
F0597H	1	RPGACC11H		✓	✓	✓	✓	✓		
F0598H	CAN RAM test register 12	RPGACC12L	RPGACC12	✓	√	✓	✓	√		
F0599H	1	RPGACC12H		✓	√	✓	✓	✓		
F059AH	CAN RAM test register 13	RPGACC13L	RPGACC13	√	√	√	√	√		
F059BH	1	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 /	RPGACC16L/	RPGACC16/	√	√	√	√	√		
1 00/1011	CAN receive FIFO access register 0AL	RFIDL0L	RFIDL0							
F05A1H	Gravitosovo i ir e aecese regioter erte	RPGACC16H	1111220	✓	√	√	√	√		
		RFIDL0H								
F05A2H	CAN RAM test register 17 /	RPGACC17L/	RPGACC17/	✓	√	√	√	√		
	CAN receive FIFO access register 0AH	RFIDH0L	RFIDH0							
F05A3H		RPGACC17H		✓	√	✓	✓	✓		
		RFIDH0H								
F05A4H	CAN RAM test register 18 /	RPGACC18L/	RPGACC18/	✓	√	✓	✓	√		
	CAN receive FIFO access register 0BL	RFTS0L	RFTS0							
F05A5H	1	RPGACC18H/		✓	√	✓	✓	✓		
		RFTS0H								
F05A6H	CAN RAM test register 19 /	RPGACC19L/	RPGACC19/	✓	✓	✓	✓	✓		
	CAN receive FIFO access register 0BH	RFPTR0L	RFPTR0							
F05A7H	1	RPGACC19H/	1	✓	✓	✓	✓	✓		
		RFPTR0H								
F05A8H	CAN RAM test register 20 /	RPGACC20L/	RPGACC20/	✓	✓	✓	✓	✓		
	CAN receive FIFO access register 0CL	RFDF00L	RFDF00							
F05A9H	1	RPGACC20H/		✓	✓	✓	✓	✓		
		RFDF00H								
F05AAH	CAN RAM test register 21 /	RPGACC21L/	RPGACC21/	✓	✓	✓	✓	✓		
	CAN receive FIFO access register 0CH	RFDF10L	RFDF10							
F05ABH	1	RPGACC21H/	1	✓	✓	✓	✓	✓		
		RFDF10H								
F05ACH	CAN RAM test register 22 /	RPGACC22L/	RPGACC22/	✓	✓	✓	✓	✓		
	CAN receive FIFO access register 0DL	RFDF20L	RFDF20							
F05ADH		RPGACC22H/		✓	✓	✓	✓	✓		
		RFDF20H								
F05AEH	CAN RAM test register 23 /	RPGACC23L/	RPGACC23/	✓	✓	✓	✓	✓		
	CAN receive FIFO access register 0DH	RFDF30L	RFDF30							
F05AFH		RPGACC23H/		✓	✓	✓	✓	✓		
		RFDF30H								
F05B0H	CAN RAM test register 24 /	RPGACC24L/	RPGACC24/	✓	✓	✓	✓	✓		
	CAN receive FIFO access register 1AL	RFIDL1L	RFIDL1							
F05B1H		RPGACC24H/		✓	✓	✓	✓	✓		
		RFIDL1H								

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

	Table 3-3 List of extended S		Pin count						
Address	Special function register (SFR) name	Sym	bol	80-pin 64-pin 48-pin 32-pin 30-pin 30-pin 80-pin 80					
F05B2H	CAN RAM test register 25 /	RPGACC25L/	RPGACC25/	√ V	04 β	40 piii	<u> </u>	√ √	
TOODZIT	CAN receive FIFO access register 1AH	RFIDH1L	RFIDH1		-				
F05B3H	CANALOGENE A III O GOOGG TOGISTER TANK	RPGACC25H/	TAT IDITI	✓	√	√	√	√	
1 000011		RFIDH1H			-				
F05B4H	CAN RAM test register 26 /	RPGACC26L/	RPGACC26/	√	√	√	√	√	
1 000-111	CAN receive FIFO access register 1BL	RFTS1L	RFTS1		-				
F05B5H	- C/ 11 1 0 0 0 1 1 1 0 0 0 0 0 0 1 0 0 1	RPGACC26H/		✓	√	√	√	√	
. 002011		RFTS1H				·			
F05B6H	CAN RAM test register 27 /	RPGACC27L/	RPGACC27/	√	√	√	√	√	
. 0020	CAN receive FIFO access register 1BH	RFPTR1L	RFPTR1						
F05B7H		RPGACC27H/		✓	√	✓	√	√	
. 005/11		RFPTR1H							
F05B8H	CAN RAM test register 28 /	RPGACC28L/	RPGACC28/	√	√	√	√	√	
. 0020	CAN receive FIFO access register 1CL	RFDF01L	RFDF01						
F05B9H		RPGACC28H/		✓	√	√	√	√	
. 0020		RFDF01H							
F05BAH	CAN RAM test register 29 /	RPGACC29L/	RPGACC29/	√	√	√	√	√	
. 002/	CAN receive FIFO access register 1CH	RFDF11L	RFDF11						
F05BBH	- Criticische Fill C decess regions. Ferr	RPGACC29H/	2	✓	√	√	√	√	
. 0022		RFDF11H							
F05BCH	CAN RAM test register 30 /	RPGACC30L/	RPGACC30/	√	√	✓	√	√	
	CAN receive FIFO access register 1DL	RFDF21L	RFDF21						
F05BDH		RPGACC30H/		✓	√	√	√	√	
. 0022		RFDF21H							
F05BEH	CAN RAM test register 31 /	RPGACC31L/	RPGACC31/	✓	√	√	✓	✓	
	CAN receive FIFO access register 1DH	RFDF31L	RFDF31						
F05BFH	1	RPGACC31H/		✓	✓	✓	✓	✓	
		RFDF31H							
F05C0H	CAN RAM test register 32	RPGACC32L	RPGACC32	✓	✓	✓	✓	✓	
F05C1H	1	RPGACC32H		✓	✓	✓	✓	✓	
F05C2H	CAN RAM test register 33	RPGACC33L	RPGACC33	√	√	✓	√	√	
F05C3H	- Critical and test register es	RPGACC33H	0/1000	✓	√	√	√	√	
F05C4H	CAN RAM test register 34	RPGACC34L	RPGACC34	√	√	✓	√	√	
F05C5H		RPGACC34H		✓	√	√	√	√	
F05C6H	CAN RAM test register 35	RPGACC35L	RPGACC35	√	√	√	√	√	
F05C7H	- Critical and test register es	RPGACC35H	0/1000	✓	√	√	√	√	
F05C8H	CAN RAM test register 36	RPGACC36L	RPGACC36	✓	√	√	√	√	
F05C9H	2	RPGACC36H	7.1. 37.0000	· ·	·	·	· ·	<i>√</i>	
F05CAH	CAN RAM test register 37	RPGACC37L	RPGACC37	· ·	·	· ·	· /	· ✓	
F05CBH	S. I. T. I. III LOST TOGISTOL OF	RPGACC37H	0, 10007	· ·	·	·	· ·	√	
F05CCH	CAN RAM test register 38	RPGACC3711	RPGACC38	✓	√	✓	✓	√	
F05CDH	- State to the tost register 50	RPGACC38H	AT GAGGG	✓	√	√	✓	√	
F05CEH	CAN RAM test register 39	RPGACC39L	RPGACC39	√	√	√	√	√	
	OAN MAIN lest register 39	RPGACC39L RPGACC39H	NF GACC39	✓	√	√	√	√	
F05CFH F05D0H	CAN RAM test register 40		RPGACC40	✓	√	√	✓	√	
	CAN KAIVI lest register 40	RPGACC40L	REGACC40						
F05D1H	CANI DAM toot register 44	RPGACC40H	DDC ACC 44	✓ ✓	✓ ✓	√ /	√	✓	
F05D2H	CAN RAM test register 41	RPGACC41L	RPGACC41	-		√ /	✓	✓	
F05D3H	CAN DAM (set prefet 12	RPGACC41H	DD0 4 0 0 4 0	✓	√	√	✓	√	
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 (3FR) name Symbol RPGACC43H	Table 3-3 List of extended SFRs (2 nd SFR) of Group D of RL78/F14 (22/29) Pin count								
RPGACC43H	Address	Special function register (SFR) name	Sym	bol	80-pin			1	30-pin
F05D8H	F05D6H	CAN RAM test register 43	RPGACC43L	RPGACC43	✓	✓	✓	✓	✓
FOSD9H	F05D7H		RPGACC43H		✓	✓	✓	✓	✓
FOSDAH	F05D8H	CAN RAM test register 44	RPGACC44L	RPGACC44	✓	✓	✓	✓	✓
FOSDBH	F05D9H		RPGACC44H		✓	✓	✓	✓	✓
FOSDBH	F05DAH	CAN RAM test register 45	RPGACC45L	RPGACC45	✓	✓	✓	✓	✓
F05DDH	F05DBH		RPGACC45H		✓	✓	✓	✓	✓
FOSDDH	F05DCH	CAN RAM test register 46	RPGACC46L	RPGACC46	✓	✓	✓	✓	✓
F05EPH	F05DDH]			✓	✓	✓	✓	✓
FOSDEH	F05DEH	CAN RAM test register 47	RPGACC47L	RPGACC47	✓	✓	✓	✓	✓
F05E0H	F05DFH]	RPGACC47H		✓	✓	✓	✓	✓
CAN transmit/receive FIFO access register OAL RPGACC48H / CFIDLOH CFID		CAN RAM test register 48 /		RPGACC48/	✓	✓	✓	✓	✓
CFIDLOH		_	CFIDL0L	CFIDL0					
CFIDLOH	F05E1H	register 0AL	RPGACC48H/		✓	√	✓	✓	✓
CAN transmit/receive FIFO access CFIDHOL RPGACC49H/ CFIDHOH RPGACC50H/ CFIDHOH CFIDHOH									
CAN transmit/receive FIFO access CFIDHOL RPGACC49H/ CFIDHOH RPGACC50H/ CFIDHOH CFIDHOH	F05E2H	CAN RAM test register 49 /	+	RPGACC49/	✓	√	✓	✓	✓
F05E3H		_							
CFIDHOH	F05E3H	register 0AH			✓	√	✓	✓	✓
F05E4H			CFIDH0H						
CAN transmit/receive FIFO access register 0BL RPGACC50H/ CFTS0H RPGACC51L/ CFTS0H RPGACC51L/ CAN RAM test register 51 / CAN RAM test register 51 / CAN transmit/receive FIFO access register 0BH RPGACC51L/ CFPTR0H RPGACC52L/ CAN transmit/receive FIFO access register 0CL RPGACC52L/ CFDF00L RPGACC52L/ CFDF00H RPGACC53L/ CAN transmit/receive FIFO access register 0CH RPGACC53L/ CFDF10L RPGACC53L/ CFDF10H RPGACC53L/ CFDF10H RPGACC53L/ CFDF10H RPGACC53L/ CFDF10H RPGACC53L/ CFDF20L RPGACC53L/ CFDF20L RPGACC54L/ CFDF20L RPGACC54L/ CFDF20L RPGACC54L/ CFDF20L RPGACC54L/ CFDF20L RPGACC54L/ CFDF20L RPGACC55L/ CFDF20L RPGACC55L/ CFDF20L RPGACC55L/ CFDF30L RPGACC55L/ CFDF30L RPGACC55L/ CFDF30L RPGACC55L/ CFDF30L RPGACC56L	F05E4H	CAN RAM test register 50 /		RPGACC50/	√	✓	✓	√	✓
F05E5H register 0BL RPGACC50H/ CFTS0H		_							
CFTS0H	F05E5H	register 0BL			✓	√	✓	✓	✓
F05E6H		3							
CAN transmit/receive FIFO access register 0BH CFPTROL CFPTRO ✓	F05E6H	CAN RAM test register 51 /		RPGACC51/	✓	✓	✓	√	√
F05E7H register 0BH RPGACC51H/ CFPTR0H RPGACC52L/ CFDF00L RPGACC52L/ CFDF00L RPGACC52L/ CFDF00L RPGACC52L/ CFDF00L RPGACC52L/ CFDF00L RPGACC52L/ CFDF00L RPGACC52H/ CFDF00H RPGACC52H/ CFDF00H RPGACC53L/ CAN transmit/receive FIFO access register 0CH RPGACC53L/ CFDF10L RPGACC53H/ CFDF10L RPGACC53H/ CFDF10L RPGACC53H/ CFDF10L RPGACC53H/ CFDF10L RPGACC53H/ CFDF20L RPGACC54L/ CFDF20L RPGACC54L/ CFDF20L RPGACC54L/ CFDF20L RPGACC54L/ CFDF20L RPGACC54H/ CFDF20H RPGACC54H/ CFDF20H RPGACC55H/ CFDF20H RPGACC55H/ CFDF30L RPGACC55H/ CFDF30L RPGACC55H/ CFDF30L RPGACC55H/ CFDF30L RPGACC55H/ CFDF30L RPGACC55H/ CFDF30L RPGACC55H/ CFDF30L RPGACC55H/ CFDF30L RPGACC55H/ CFDF30L RPGACC56H RP		_							
CFPTR0H	F05E7H				✓	√	✓	✓	✓
F05E8H		3							
CAN transmit/receive FIFO access CFDF00L CFDF00	F05E8H	CAN RAM test register 52 /		RPGACC52/	✓	✓	✓	✓	✓
CFDF00H		_	CFDF00L						
F05EAH	F05E9H	register 0CL	RPGACC52H/		✓	✓	✓	✓	✓
F05EAH			CFDF00H						
F05EBH register 0CH RPGACC53H/ CFDF10H V	F05EAH	CAN RAM test register 53 /		RPGACC53/	✓	✓	✓	✓	✓
CFDF10H		CAN transmit/receive FIFO access	CFDF10L	CFDF10					
F05ECH CAN RAM test register 54 / CAN transmit/receive FIFO access register 0DL RPGACC54L/ CFDF20L RPGACC54/ CFDF20 ✓	F05EBH	register 0CH	RPGACC53H/		✓	✓	✓	✓	✓
CAN transmit/receive FIFO access CFDF20L CFDF20			CFDF10H						
F05EDH register 0DL RPGACC54H/ CFDF20H ✓	F05ECH	CAN RAM test register 54 /	RPGACC54L/	RPGACC54/	✓	✓	✓	✓	✓
CFDF20H		CAN transmit/receive FIFO access	CFDF20L	CFDF20					
F05EEH CAN RAM test register 55 / CAN transmit/receive FIFO access RPGACC55L/ CFDF30L RPGACC55/ CFDF30 V	F05EDH	register 0DL	RPGACC54H/		✓	✓	✓	✓	✓
CAN transmit/receive FIFO access CFDF30L CFDF30 CFDF30 F05EFH register 0DH RPGACC55H/ CFDF30H ✓ <td></td> <td></td> <td>CFDF20H</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			CFDF20H						
F05EFH register 0DH RPGACC55H/ CFDF30H ✓	F05EEH	CAN RAM test register 55 /	RPGACC55L/	RPGACC55/	✓	✓	✓	✓	✓
CFDF30H CFDF30H F05F0H CAN RAM test register 56 RPGACC56L RPGACC56 ✓		CAN transmit/receive FIFO access	CFDF30L	CFDF30					
F05F0H CAN RAM test register 56 RPGACC56L RPGACC56 ✓ <td>F05EFH</td> <td>register 0DH</td> <td>RPGACC55H/</td> <td></td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td>	F05EFH	register 0DH	RPGACC55H/		✓	✓	✓	✓	✓
F05F1H RPGACC56H ✓ ✓ ✓ ✓ F05F2H CAN RAM test register 57 RPGACC57L RPGACC57 ✓ ✓ ✓			CFDF30H						
F05F1H RPGACC56H ✓ ✓ ✓ ✓ ✓ F05F2H CAN RAM test register 57 RPGACC57L RPGACC57 ✓	F05F0H	CAN RAM test register 56		RPGACC56	✓	✓	✓	✓	✓
F05F2H CAN RAM test register 57 RPGACC57L RPGACC57 ✓ ✓ ✓ ✓	F05F1H]	RPGACC56H		✓	✓	✓	✓	✓
		CAN RAM test register 57		RPGACC57	✓	✓	✓	✓	✓
1	F05F3H	1	RPGACC57H		✓	✓	✓	✓	✓
F05F4H CAN RAM test register 58 RPGACC58L RPGACC58 ✓ ✓ ✓		CAN RAM test register 58		RPGACC58	✓	✓	✓	✓	✓
F05F5H		1			✓	✓	✓	✓	✓
F05F6H CAN RAM test register 59 RPGACC59L RPGACC59 ✓ ✓ ✓		CAN RAM test register 59		RPGACC59	✓	✓	✓	✓	✓
F05F7H RPGACC59H		1 3							√

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

	Table 3-3 List of extended S		•			Pin coun	t			
Address	Special function register (SFR) name	Sym	ibol	80-pin	80-pin 64-pin 48-pin 32-pin					
F05F8H	CAN RAM test register 60	RPGACC60L	RPGACC60	· ✓	·	· ✓	· ✓	30-pin ✓		
F05F9H	<u> </u>	RPGACC60H	1	✓	✓	✓	✓	✓		
F05FAH	CAN RAM test register 61	RPGACC61L	RPGACC61	✓	✓	✓	✓	✓		
F05FBH	3 · · · · · · · · · · · · · · · · · · ·	RPGACC61H	1	✓	✓	✓	✓	✓		
F05FCH	CAN RAM test register 62	RPGACC62L	RPGACC62	√	√	√	✓	✓		
F05FDH	3 · · · · · · · · · · · · · · · · · · ·	RPGACC62H		√	✓	✓	✓	✓		
F05FEH	CAN RAM test register 63	RPGACC63L	RPGACC63	√	√	√	✓	✓		
F05FFH	3	RPGACC63H		✓	√	√	✓	✓		
F0600H	CAN RAM test register 64 /	RPGACC64L/	RPGACC64/	✓	√	√	✓	✓		
	CAN transmit buffer register 0AL	TMIDLOL	TMIDL0							
F0601H		RPGACC64H/	1	✓	✓	✓	✓	✓		
		TMIDL0H								
F0602H	CAN RAM test register 65 /	RPGACC65L/	RPGACC65/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 0AH	TMIDHOL	TMIDH0							
F0603H]	RPGACC65H/	1	✓	✓	✓	✓	✓		
		TMIDH0H								
F0604H	CAN RAM test register 66	RPGACC66L	RPGACC66	✓	✓	✓	✓	✓		
F0605H	1	RPGACC66H	1	✓	✓	✓	✓	✓		
F0606H	CAN RAM test register 67 /	RPGACC67L/	RPGACC67/	√	√	√	✓	✓		
	CAN transmit buffer register 0BH	TMPTR0L	TMPTR0							
F0607H	1	RPGACC67H/	1	✓	✓	✓	✓	✓		
		TMPTR0H								
F0608H	CAN RAM test register 68 /	RPGACC68L/	RPGACC68/	√	✓	✓	✓	✓		
	CAN transmit buffer register 0CL	TMDF00L	TMDF00							
F0609H	1	RPGACC68H/	1	✓	✓	✓	✓	✓		
		TMDF00H								
F060AH	CAN RAM test register 69 /	RPGACC69L/	RPGACC69/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 0CH	TMDF10L	TMDF10							
F060BH	j	RPGACC69H/	1	✓	✓	✓	✓	✓		
		TMDF10H								
F060CH	CAN RAM test register 70 /	RPGACC70L/	RPGACC70/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 0DL	TMDF20L	TMDF20							
F060DH	1	RPGACC70H/		✓	✓	✓	✓	✓		
		TMDF20H								
F060EH	CAN RAM test register 71 /	RPGACC71L/	RPGACC71/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 0DH	TMDF30L	TMDF30							
F060FH	1	RPGACC71H/		✓	✓	✓	✓	✓		
		TMDF30H								
F0610H	CAN RAM test register 72 /	RPGACC72L/	RPGACC72/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 1AL	TMIDL1L	TMIDL1							
F0611H	7	RPGACC72H/		✓	✓	✓	✓	✓		
		TMIDL1H								
F0612H	CAN RAM test register 73 /	RPGACC73L/	RPGACC73/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 1AH	TMIDH1L	TMIDH1							
F0613H	Ī	RPGACC73H/]	✓	✓	✓	✓	✓		
		TMIDH1H	<u> </u>							
F0614H	CAN RAM test register 74	RPGACC74L	RPGACC74	✓	✓	✓	✓	✓		
F0615H		RPGACC74H	1	✓	✓	✓	✓	✓		

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

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

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

	Table 3-3 List of extended \$	Ì	•	Pin count						
Address	Special function register (SFR) name	Sym	bol	80-pin	64-pin	30-pin				
F0630H	CAN RAM test register 88 /	RPGACC88L/	RPGACC88/	✓	✓	48-pin ✓	32-pin ✓	✓		
	CAN transmit buffer register 3AL	TMIDL3L	TMIDL3							
F0631H	1	RPGACC88H/		✓	✓	✓	✓	✓		
		TMIDL3H								
F0632H	CAN RAM test register 89 /	RPGACC89L/	RPGACC89/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 3AH	TMIDH3L	TMIDH3							
F0633H	1	RPGACC89H/		✓	✓	✓	✓	✓		
		TMIDH3H								
F0634H	CAN RAM test register 90	RPGACC90L	RPGACC90	✓	✓	✓	✓	✓		
F0635H	1	RPGACC90H		✓	✓	✓	✓	✓		
F0636H	CAN RAM test register 91 /	RPGACC91L/	RPGACC91/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 3BH	TMPTR3L	TMPTR3							
F0637H	1	RPGACC91H/		✓	✓	✓	✓	✓		
		TMPTR3H								
F0638H	CAN RAM test register 92 /	RPGACC92L/	RPGACC92/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 3CL	TMDF03L	TMDF03							
F0639H	1	RPGACC92H/		✓	✓	✓	✓	✓		
		TMDF03H								
F063AH	CAN RAM test register 93 /	RPGACC93L/	RPGACC93/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 3CH	TMDF13L	TMDF13							
F063BH]	RPGACC93H/		✓	✓	✓	✓	✓		
		TMDF13H								
F063CH	CAN RAM test register 94 /	RPGACC94L/	RPGACC94/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 3DL	TMDF23L	TMDF23							
F063DH]	RPGACC94H/		✓	✓	✓	✓	✓		
		TMDF23H								
F063EH	CAN RAM test register 95 /	RPGACC95L/	RPGACC95/	✓	✓	✓	✓	✓		
	CAN transmit buffer register 3DH	TMDF33L	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	1	RPGACC100H		✓	✓	✓	✓	✓		
F064AH	CAN RAM test register 101	RPGACC101L	RPGACC101	✓	✓	✓	✓	✓		
F064BH	1	RPGACC101H	1	✓	✓	✓	✓	✓		
F064CH	CAN RAM test register 102	RPGACC102L	RPGACC102	✓	✓	✓	✓	✓		
F064DH	Ţ	RPGACC102H	1	✓	✓	✓	✓	✓		
F064EH	CAN RAM test register 103	RPGACC103L	RPGACC103	✓	✓	✓	✓	✓		
F064FH	1	RPGACC103H	1	✓	✓	√	✓	✓		
F0650H	CAN RAM test register 104	RPGACC104L	RPGACC104	√	√	√	√	✓		
F0651H		RPGACC104H	1 3 100 104	✓	✓	√	✓	✓ ·		
F0652H	CAN RAM test register 105	RPGACC105L	RPGACC105	✓	✓	✓	✓	✓		
F0653H		RPGACC105H	5/155/105	<i>✓</i>	·	· ✓	·	<i>√</i>		

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

	Table 3-3 List of extended \$		-	Pin count					
Address	Special function register (SFR) name	Sym	bol	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	3	RPGACC112H		√	✓	✓	✓	✓	
F0662H	CAN RAM test register 113	RPGACC113L	RPGACC113	√	✓	✓	√	√	
F0663H		RPGACC113H		√	√	√	√	√	
F0664H	CAN RAM test register 114	RPGACC114L	RPGACC114	✓	√	√	√	√	
F0665H	grant na am teat neglister ni n	RPGACC114H	1 07.00	√	√	√	√	√	
F0666H	CAN RAM test register 115	RPGACC115L	RPGACC115	√	√	√	√	√	
F0667H		RPGACC115H	111 0/100110	√	√	√	√	√	
F0668H	CAN RAM test register 116	RPGACC116L	RPGACC116	√	√	√	√	√	
F0669H	OAN NAM test register 110	RPGACC116H	IN GAGGIIO	· ✓	·	· ✓	· ·	<i>√</i>	
F066AH	CAN RAM test register 117	RPGACC117L	RPGACC117	√ ·	√ ·	√ ·	<i>✓</i>	✓ ·	
F066BH		RPGACC117H	111 0/10011/	√	√	√	√	√	
F066CH	CAN RAM test register 118	RPGACC118L	RPGACC118	√	√	√	√	√	
F066DH	grant na ann teach agnatar i na	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	3	RPGACC124H		√	✓	✓	√	✓	
F067AH	CAN RAM test register 125	RPGACC125L	RPGACC125	✓	✓	✓	✓	✓	
F067BH	1	RPGACC125H	1	✓	√	√	✓	✓	
F067CH	CAN RAM test register 126	RPGACC126L	RPGACC126	✓	√	√	✓	✓	
F067DH	1	RPGACC126H	1	✓	√	√	✓	✓	
F067EH	CAN RAM test register 127	RPGACC127L	RPGACC127	✓	√	√	✓	✓	
F067FH	1	RPGACC127H	1	✓	✓	√	✓	✓	
F0680H	CAN0 transmit history buffer access	THLACCOL	THLACC0	√ ·	✓	✓	✓ ·	✓	
F0681H	register	THLACC0H	1	✓ ·	√	√	✓	✓ ·	
F06C1H	LIN wakeup baud rate select register	LWBR0	1	√	√	√	√	✓	
		LWBR1							

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

					-	Pin coun	t	
Address	Special function register (SFR) name	Sy	Symbol		64-pin	64-pin 48-pin 32-pin		
F06C2H	LIN/UART baud rate prescaler 0 register	LBRP00	LBRP0/	80-pin ✓	✓	✓	✓ /	30-pin ✓
. 0002		LBRP10	LBRP1					
F06C3H	LIN/UART baud rate prescaler 1 register	LBRP01		√	√	√	√	√
1 000011	Envolver bada rato presoner i registor	LBRP11	7	-		-		
F06C4H	LIN self-test control register	LSTC0		✓	√	√	√	√
1 000-111	Envisor test control register	LSTC1				-		
F06C5H	UART standby control register	LUSC0		✓	√	√	√	√
1 000011	Office standay control register	LUSC1				-		
F06C8H	LIN/UART mode register	LMD0		√	√	√	√	√
1 000011	Elivoriti mode register	LMD1		•	<u> </u>	•	<u> </u>	,
F06C9H	LIN break field configuration register /	LBFC0		√	√	√	√	√
1 000311	UART configuration register	LBI 00			·	·	·	, ,
	O/IIXT coringatation register	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	RC0		✓	✓	✓	✓
		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		✓	✓	✓	✓	✓
	Ĭ	LDB14						
F06DCH	LIN/UART data buffer 5 register	LDB05		✓	✓	✓	✓	✓
	Ĭ	LDB15						

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

	Table 3-3 List of extended SF		•			Pin coun	t	
Address	Special function register (SFR) name	Syn	nbol	80-pin	64-pin	48-pin	32-pin	30-pin
F06DDH	LIN/UART data buffer 6 register	LDB06		√ V	√	40 piii	<u> </u>	√ √
1 000011	Envertinate paner e register	LDB16						
F06DEH	LIN/UART data buffer 7 register	LDB07		√	√	√	√	√
TOODLIT	Envolver adia banci / register	LDB17				-	-	-
F06DFH	LIN/UART data buffer 8 register	LDB08		√	√	√	√	√
1 005111	Envertinate paner e register	LDB18				·		
F06E0H	UART operation enable register	LUOER0		√	√	√	√	√
. 002011	Of the operation of able register	LUOER1						
F06E1H	UART option register 1	LUOR01		√	√	√	√	√
	State space regions	LUOR11						
F06E4H	UART transmission data register	LUTDR0L	LUTDR0/	✓	√	√	√	✓
		LUTDR1L	LUTDR1					
F06E5H	1	LUTDR0H		✓	✓	✓	✓	✓
		LUTDR1H						
F06E6H	UART receive data register	LURDR0L	LURDR0/	✓	✓	✓	✓	✓
	3	LURDR1L	LURDR1					
F06E7H	1	LURDR0H		✓	√	√	√	√
		LURDR1H						
F06E8H	UART wait transmit data register	LUWTDR0L	LUWTDR0/	✓	✓	✓	✓	✓
	Committee Comm	LUWTDR1L	LUWTDR1					
F06E9H	1	LUWTDR0H		✓	√	√	√	√
. 5525		LUWTDR1H						
F06F0H	Timer RJ counter register 0	TRJ0		√	√	√	√	√
F06F1H	Times no obtainer register e	11.00				·		
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	<u> </u>					

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

Address	Special function register (SFR) name	Comple at	Pin count						
		Symbol	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							

SFRs for Group E products of RL78/F14 3.2

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

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

Code	Data	RAM			Pin o	ount		
Flash	Flash	KAW	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)

		Rs of Grou	<u>p = 0</u>		Pin c	ount	
Address	Special function register (SFR) name	Sy	mbol	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)

A -l -l	Consist function as mister (CER) name	6.			Pin c	ount	
Address	Special function register (SFR) name	Sy	mbol	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	T: 1: 00	TDDOO					
FFF64H	Timer data register 02	TDR02		✓	✓	✓	✓
FFF65H	T's an data so s'atan 00	TDDOOL	TDD00				
FFF66H FFF67H	Timer data register 03	TDR03L	TDR03	✓ ✓	✓ ✓	✓ ✓	✓ ✓
FFF68H	Timer data register 04	TDR03H TDR04		√	√	∨	√
FFF69H	Timer data register 04	TDR04		•	v	•	•
FFF6AH	Timer data register 05	TDR05		✓	√	√	√
FFF6BH	Timer data register 05	TDROS			•	·	,
FFF6CH	Timer data register 06	TDR06		√	√	✓	√
FFF6DH	Timer data register 66	IBROO					
FFF6EH	Timer data register 07	TDR07		√	✓	✓	√
FFF6FH	, Timer data register of						
FFF70H	Timer data register 10	TDR10		✓	✓	✓	√
FFF71H	ŭ						
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)

	Table 3-5 List of Si		•		Pin c	ount	
Address	Special function register (SFR) name	S	ymbol	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	ALARMWN		✓	✓	✓	✓
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	-1	✓	✓	✓	✓
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	7	✓	√	✓	√

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

Address	Special function register (SER) name	6	Cumbal		Pin count					
Address	Special function register (SFR) name	3)	ymbol	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)

Addross	Special function register (SER) name	Symbol		Pin o	count	
Address	Special function register (SFR) name	Symbol	100-pin	80-pin	64-pin	48-pin
F0010H	A/D converter mode register 2	ADM2	✓	✓	✓	✓
F0011H	Conversion result comparison upper limit	ADUL	✓	✓	✓	✓
	setting register	ABOL				
F0012H	Conversion result comparison lower limit	ADLL	✓	✓	✓	✓
	setting register					
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	✓	✓	✓	✓
-002AH	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	· ·	<i>√</i>		
F0046H	Port input mode register 6	PIM6	· ·	<i>·</i> ✓	√	√
F0046F1 F0047H	Port input mode register 7	PIM7	· ·	→	✓	✓
F0047H F004CH	Port input mode register 7 Port input mode register 12	PIM12	✓	✓	✓	✓
F004CH F0051H	Port output mode register 12 Port output mode register 1	POM1	√	∨	✓	✓
F0051H F0056H	Port output mode register 6	POM1	√	∨	∨	✓
F0056H F0057H	Port output mode register 7	POM7	✓	√	∨	✓
	'	POM7 POM12	✓	∨	✓	✓
F005CH	Port mode control register 7	+				1
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	✓	✓	✓	✓

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

A .1 .1	One side (or extinuo estate (OFD)				Pin o	Pin count	
Address	Special function register (SFR) name	Sy	/mbol	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	or or or or or or or or or or or or or o						
F00DCH	SP underflow address setting register	SPUFR		✓	✓	✓	√
F00DDH	or undernow address setting register	OI OI IX					
F00F0H	Peripheral enable register 0	PER0		✓	✓	✓	√
F00F3H	Operation speed mode control register	OSMC		√	√ ·	✓	√
F00FEH	BCD correction result register	BCDADJ		· ✓	<i>✓</i>	· ✓	· ✓
F0100H	Serial status register 00	SSR00L	SSR00	√	√	√	√
F0101H	Ochai status register oo	-		√	<i>✓</i>	· ✓	<i>√</i>
F0102H	Serial status register 01	SSR01L	SSR01	· ✓	<i>✓</i>	· ✓	<i>√</i>
F0103H	Ochar status register of	-		√	<i>✓</i>	· ✓	· ✓
F0103H F0104H	Serial flag clear trigger register 00	SIR00L	SIR00	→	√	✓	✓
F0104I1	Genai nag ciear ingger register 00	SIKOOL		✓	<u> </u>	· ·	· ·
F0106H	Serial flag clear trigger register 01	SIR01L	SIR01	· ✓	<i>✓</i>	· ✓	· ·
F010011	Serial hag clear trigger register or	SIKUIL	JIKUI	✓	√	✓	✓
F0108H	Serial mode register 00	SMR00		· ✓	<u> </u>	1	1
F0109H	Genai mode register 00	Siviltoo		, i	·	·	,
F010911	Serial mode register 01	SMR01		✓	✓	√	√
F010BH	Genai mode register o i	SIVINUT		•	•	•	ľ
F010CH	Serial communication operation setting	SCR00		✓	✓	✓	√
F010DH	register 00	SCROO		, ,	•	•	ľ
F010EH	Serial communication operation setting	SCR01		✓	✓	√	√
F010EH	register 01	SCRUI		, ,	•	•	ľ
		SEOL	SE0	✓	√	√	✓
F0110H F0111H	Serial channel enable status register 0	SE0L	350	✓	√	✓	∨
	Sorial abannal start register 0		SS0	✓	✓	✓	∨
F0112H	Serial channel start register 0	SS0L	_ 330				✓
F0113H	Sorial abannal atan register C	- CTO	CT0	√	√ ./	√ ./	
F0114H	Serial channel stop register 0	ST0L	ST0	√	√	√	√ /
F0115H		<u> </u>		✓	✓	✓	✓
F0116H	Serial clock select register 0	SPS0L	SPS0	✓	✓	✓	✓

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

					Pin count		
Address	Special function register (SFR) name	S	ymbol	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	1	-		✓	✓	✓	✓
F0146H	Serial flag clear trigger register 11	SIR11L	SIR11	✓	✓	✓	✓
F0147H]	-		✓	✓	✓	✓
F0148H	Serial mode register 10	SMR10	•	✓	✓	✓	✓
F0149H	1						
F014AH	Serial mode register 11	SMR11		✓	✓	✓	✓
F014BH	1						
F014CH	Serial communication operation setting	SCR10		✓	✓	✓	✓
F014DH	register 10						
F014EH	Serial communication operation setting	SCR11		√	✓	✓	✓
F014FH	register 11						
F0150H	Serial channel enable status register 1	SE1L	SE1	✓	✓	✓	✓
F0151H	1	-		✓	✓	✓	✓
F0152H	Serial channel start register 1	SS1L	SS1	✓	✓	✓	✓
F0153H]	-		✓	✓	✓	✓
F0154H	Serial channel stop register 1	ST1L	ST1	✓	✓	✓	✓
F0155H	<u> </u>	-		✓	✓	✓	✓
F0156H	Serial clock select register 1	SPS1L	SPS1	✓	✓	✓	✓
F0157H	j	-		✓	✓	✓	✓
F0158H	Serial output register 1	SO1		✓	✓	✓	✓
F0159H]						
F015AH	Serial output enable register 1	SOE1L	SOE1	✓	✓	✓	✓
F015BH	1	-		✓	✓	✓	✓
F0160H	Serial output level register 1	SOL1L	SOL1	✓	✓	✓	✓
F0161H	1	-		✓	✓	✓	✓
F0162H	Serial slave select enable register 1	SSE1L	SSE1	✓	✓	✓	✓
F0163H	1	-		✓	✓	✓	✓
F0180H	Timer counter register 00	TCR00	1	✓	✓	✓	✓
F0181H	1						
F0182H	Timer counter register 01	TCR01		✓	✓	✓	✓
F0183H							
F0184H	Timer counter register 02	TCR02		√	✓	√	√
F0185H							
F0186H	Timer counter register 03	TCR03		√	✓	√	√
F0187H		. 5.100					
F0188H	Timer counter register 04	TCR04		√	✓	√	√
F0189H							

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

					Pin count		
Address	Special function register (SFR) name	S	ymbol	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	1	=		✓	✓	✓	✓
F01B0H	Timer channel enable status register 0	TE0L	TE0	✓	✓	✓	✓
F01B1H]	-		✓	✓	✓	✓
F01B2H	Timer channel start register 0	TS0L	TS0	✓	✓	✓	✓
F01B3H	j	-		✓	✓	✓	✓
F01B4H	Timer channel stop register 0	TT0L	TT0	√	✓	✓	✓
F01B5H	1	-		✓	✓	✓	✓
F01B6H			1				
F01B7H	Timer clock select register 0	TPS0		✓	✓	✓	✓
F01B8H	Timer output register 0	TO0L	TO0	√	✓	✓	✓
F01B9H		-		√	✓	✓	√
F01BAH	Timer output enable register 0	TOE0L	TOE0	√	✓	✓	√
F01BBH	1	-		√	✓	√	√

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

	Table 3-6 List of extended SF		-		Pin count		
Address	Special function register (SFR) name	S	ymbol	100-pin	80-pin	64-pin	48-pin
F01BCH	Timer output level register 0	TOLOL	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	1						
F01CCH	Timer counter register 16	TCR16		✓	✓	✓	✓
F01CDH]						
F01CEH	Timer counter register 17	TCR17		✓	✓	✓	✓
F01CFH]						
F01D0H	Timer mode register 10	TMR10		✓	✓	✓	✓
F01D1H	1						
F01D2H	Timer mode register 11	TMR11		✓	✓	✓	√
F01D3H	1						
F01D4H	Timer mode register 12	TMR12		✓	✓	✓	✓
F01D5H	1						
F01D6H	Timer mode register 13	TMR13		✓	✓	✓	✓
F01D7H	1						
F01D8H	Timer mode register 14	TMR14		✓	✓	✓	✓
F01D9H	1						
F01DAH	Timer mode register 15	TMR15		✓	✓	✓	✓
F01DBH	1						
F01DCH	Timer mode register 16	TMR16		✓	✓	✓	✓
F01DDH	1						
F01DEH	Timer mode register 17	TMR17		✓	✓	✓	✓
F01DFH	1						
F01E0H	Timer status register 10	TSR10L	TSR10	✓	✓	✓	✓
F01E1H	1	-		✓	✓	✓	✓
F01E2H	Timer status register 11	TSR11L	TSR11	✓	✓	✓	✓
F01E3H	1	-		✓	✓	✓	✓
F01E4H	Timer status register 12	TSR12L	TSR12	✓	✓	✓	✓
F01E5H	1	-		✓	✓	✓	✓
F01E6H	Timer status register 13	TSR13L	TSR13	✓	✓	✓	✓
F01E7H	1	-		✓	✓	✓	✓
F01E8H	Timer status register 14	TSR14L	TSR14	✓	✓	✓	✓
F01E9H	1	-		✓	✓	✓	✓
F01EAH	Timer status register 15	TSR15L	TSR15	✓	✓	✓	✓
F01EBH	1	-		✓	✓	✓	✓
F01ECH	Timer status register 16	TSR16L	TSR16	✓	✓	✓	✓
F01EDH	1 <u> </u>	-		✓	✓	√	√

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

					Pin count			
Address	Special function register (SFR) name	S	ymbol	100-pin	80-pin	64-pin	48-pin	
F01EEH	Timer status register 17	TSR17L	TSR17	✓	√	√	✓	
F01EFH	1	-		√	✓	✓	✓	
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	1	-		✓	✓	✓	✓	
F01F6H	Timer clock select register 1	TPS1	-	✓	✓	✓	✓	
F01F7H	1							
F01F8H	Timer output register 1	TO1L	TO1	✓	✓	✓	✓	
F01F9H	1	-		✓	✓	✓	✓	
F01FAH	Timer output enable register 1	TOE1L	TOE1	✓	✓	✓	✓	
F01FBH	1	-		✓	✓	✓	✓	
F01FCH	Timer output level register 1	TOL1L	TOL1	✓	✓	✓	✓	
F01FDH	1	-	7	✓	✓	✓	✓	
F01FEH	Timer output mode register 1	TOM1L	TOM1	√	✓	✓	✓	
F01FFH	1	-		✓	✓	✓	✓	
F0200H	Error address storage register	ERADR	 	✓	✓	✓	✓	
F0201H	1							
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	ECCDWRV		√	✓	✓	✓	
F0207H	1							
F0220H	Port output slew rate select register	PSRSEL		√	✓	✓	√	
F0222H	SNOOZE status output control register 0	PSNZCNT)	√	✓	✓	✓	
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	1 ' ´ ´ Ŭ							
F022AH	PWM output delay control register 1	PWMDLY1		✓	✓	✓	✓	
F022BH	1 ' ´ ´ Ŭ							
F022CH	PWM output delay control register 2	PWMDLY2		√	✓	✓	✓	
F022DH	1							
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)

	Table 3-6 List of extended SFR	S (2" SFR) of Grou	P E OT KL/8/I			
Address	Special function register (SFR) name	Symbol	100		ount	T
			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	3 3					
F027AH	Timer RD general register B0	TRDGRB0	√	√	√	√
F027BH	, Times 112 general regions. 20					
F0280H	Timer RD control register1	TRDCR1	√	√	✓	√
F0281H	Timer RD I/O control registerA1	TRDIORA1	<i>√</i>	<i>-</i> ✓	· ·	· ·
F0282H	Timer RD I/O control registerC1	TRDIORC1	√	<i>→</i>	· ·	· ·
F0282H	Timer RD status register 1	TRDSR1	· ·	→	→	· ·
F0284H	Timer RD status register 1 Timer RD interrupt enable register 1	TRDIER1	→	√	√	✓
	·		√	√	√	✓
F0285H	Timer RD PWM function output level control register 1	TRDPOCR1			v	V
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)

	Table 3-6 List of extended SFR	S (Z" SFR)	or Group E	OT KL/8/I			
Address	Special function register (SFR) name	Syr	nbol	100-pin	80-pin	ount 64-pin	48-pin
F02D3H	High-speed DTC transfer number reload	HDTRLD0		/ v	- σο-ριπ - √	- 04-μ Π	40-βiii √
	register 0	-					
F02D4H	High-speed DTC source address register 0	HDTSAR0		✓	✓	✓	✓
F02D5H							
F02D6H	High-speed DTC destination address register	HDTDAR0		✓	✓	✓	✓
F02D7H	0						
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	HDTDAR1		✓	✓	✓	✓
F02DDH	1						
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	1						
F02F9H	CRC operation mode control register	CRCMD		✓	✓	✓	✓
F02FAH	CRC data register	CRCD		✓	✓	✓	✓
F02FBH	1						
F0300H	CAN0 bit configuration register L	C0CFGLL	C0CFGL	✓	✓	✓	✓
F0301H	1	C0CFGLH		✓	✓	✓	✓
F0302H	CAN0 bit configuration register H	C0CFGHL	C0CFGH	✓	✓	✓	✓
F0303H	1	C0CFGHH		✓	✓	✓	✓
F0304H	CAN0 control register L	C0CTRLL	C0CTRL	✓	✓	✓	✓
F0305H	1	C0CTRLH		✓	✓	✓	✓
F0306H	CAN0 control register H	C0CTRHL	C0CTRH	✓	✓	✓	✓
F0307H		C0CTRHH		✓	✓	✓	✓
F0308H	CAN0 status register L	COSTSLL	COSTSL	✓	✓	✓	✓
F0309H		COSTSLH	1	✓	✓	✓	✓
F030AH	CAN0 status register H	COSTSHL	COSTSH	✓	✓	✓	✓
F030BH		COSTSHH	1	✓	✓	✓	✓
F030CH	CAN0 error flag register L	C0ERFLLL	C0ERFLL	✓	✓	✓	✓
F030DH		C0ERFLLH		✓	✓	✓	✓
F030EH	CAN0 error flag register H	C0ERFLHL	C0ERFLH	✓	✓	✓	✓
F030FH	<u></u>	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		✓	✓	✓	✓

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

Special function register (SFR) name					count		
opecial function register (of it) fiame	Sym	nbol	100-pin	80-pin	64-pin	48-pin	
CAN global control register H	GCTRHL	GCTRH	· ✓	· ✓	·	· ✓	
	GCTRHH		✓	✓	✓	✓	
CAN global status register	GSTSL	GSTS	✓	✓	✓	✓	
	GSTSH	1	✓	✓	✓	✓	
CAN global error flag register	GERFLL	1	✓	✓	✓	✓	
CAN timestamp register	GTSC		✓	✓	✓	✓	
CAN receive rule number configuration	GAFLCFGL	GAFLCFG	✓	✓	✓	✓	
register	GAFLCFGH		✓	✓	✓	✓	
CAN receive buffer number configuration	RMNBL	RMNB	✓	✓	✓	✓	
register	_	1	✓	✓	✓	✓	
	RMND0L	RMND0	✓	✓	✓	✓	
· · · ·			✓	✓	✓	✓	
	 	RFCC0	√	✓	√	✓	
		1	✓	✓	√	✓	
CAN receive FIFO control register 1		RFCC1				√	
or a viscours in a serial or regions.		1 55.			-	√	
CAN receive FIFO status register 0		RESTS0			-	√	
Of it i local to i iii o dialag register e		1 000				√	
CAN receive FIFO status register 1	1	RESTS1				√	
Oran receive rail & status register r		1 0.0.				√	
CAN receive FIFO pointer control register 0		REPOTRO				· ·	
OAN receive i ii O pointer control register o		KITCIKO				· ·	
CAN receive EIEO pointer control register 1		DEDCTD1				· ·	
CAN receive i'ii' O pointer control register i		REFUIRI				· ·	
CANO transmit/receive EIEO control register		CECCLO				√	
<u> </u>		CPCCLU			-	√	
		CECCHO			-	√	
<u> </u>		Crccno				√	
	1	CESTSO			-	√	
CANO transmitteceive i ii O status register o		CF3130				√	
CANO transmit/reasive EIEO pointer central	1	CEDCTRO				√	
1		CFFCIRO				√	
3	+					√	
						V	
_	CFINISTS		•	•	•	•	
,	DEIGTO		1		-/	√	
						√	
	CHSTS		•	•		•	
	TMCO		1		1	√	
•	1					√	
						√	
						√	
•						✓	
						✓ ✓	
CAN0 transmit buffer status register 2	TMSTS2		√	√	√	√	
CAND the manuals by the manuals of the control of t	TNACTOO						
CAN0 transmit buffer status register 3 CAN0 transmit buffer transmit request status	TMSTS3 TMTRSTSL	TMTRSTS	✓ ✓	✓ ✓	✓ ✓	✓ ✓	
	CAN global status register CAN global error flag register CAN timestamp register CAN receive rule number configuration register CAN receive buffer number configuration register CAN receive buffer receive complete flag register CAN receive FIFO control register 0 CAN receive FIFO status register 1 CAN receive FIFO status register 1 CAN receive FIFO pointer control register 1 CAN receive FIFO pointer control register 1 CAN receive FIFO pointer control register 1 CAN receive FIFO pointer control register 1 CAN receive FIFO pointer control register 1 CANO transmit/receive FIFO control register 0 CANO transmit/receive FIFO status register 0 CANO transmit/receive FIFO message lost status register 0 Receive FIFO message lost status register CANO transmit/receive FIFO receive interrupt status register CANO transmit buffer control register 0 CANO transmit buffer control register 1 CANO transmit buffer control register 2 CANO transmit buffer status register 0 CANO transmit buffer status register 1	CAN global status register CAN global error flag register CAN timestamp register CAN receive rule number configuration register CAN receive buffer number configuration register CAN receive buffer number configuration register CAN receive buffer receive complete flag RMNDOL RECOL RECOL RECOL RECOL RECOL RECOL RECOL RESTSOL REST	GCTRHH CAN global status register CAN global error flag register CAN timestamp register CAN timestamp register CAN receive rule number configuration register CAN receive buffer number configuration register CAN receive buffer number configuration register CAN receive buffer receive complete flag register CAN receive FIFO control register 0 CAN receive FIFO control register 1 CAN receive FIFO status register 0 CAN receive FIFO status register 1 CAN receive FIFO status register 1 CAN receive FIFO pointer control register 0 RFSTS0L CAN receive FIFO status register 1 CAN receive FIFO pointer control register 0 RFSTS1L RFSTS1L CAN receive FIFO pointer control register 0 RFPCTR0L CAN receive FIFO pointer control register 1 CAN receive FIFO pointer control register 1 CAN receive FIFO pointer control register 1 CAN receive FIFO pointer control register 1 CAN receive FIFO pointer control register 1 CAN receive FIFO pointer control register 1 CAN receive FIFO pointer control register 1 CAN receive FIFO pointer control register 1 CANO transmit/receive FIFO control register 0 CFCCLOL	GCTRHH CAN global status register GSTSL GSTSL GSTSH CAN global error flag register GERFL CAN timestamp register GAFLCFGL GAFLCFGL GAFLCFGL GAFLCFGL GAFLCFGL GAFLCFGL GAFLCFGL GAFLCFGL CAN receive rule number configuration register CAN receive buffer number configuration register CAN receive buffer receive complete flag register CAN receive buffer receive complete flag RMNDOL RMNDOL RMNDOL RMNDOL CAN receive FIFO control register 0 RFCCOL RFCCOL RFCCOH CAN receive FIFO status register 1 RFCC1L RFCC1L RFCC1L RFCC1H CAN receive FIFO status register 1 RFSTSOL RFSTSO	CAN global status register CAN global error flag register CAN global error flag register CAN timestamp register CAN receive rule number configuration register CAN receive buffer number configuration register CAN receive buffer number configuration register CAN receive buffer number configuration register CAN receive buffer receive complete flag RMNBL RMNBL RMNB CAN receive buffer receive complete flag RMNDOH CAN receive FIFO control register 0 RFCCOL RFCCOH RFCCOH RFCCOH CAN receive FIFO status register 1 CAN receive FIFO status register 1 CAN receive FIFO status register 0 RFSTSOL RFSTSOL RFSTSOL RFSTSOL RFSTSOL RFSTSOL CAN receive FIFO pointer control register 1 RFSTS1L CAN receive FIFO pointer control register 0 RFPCTROL CAN receive FIFO control register 1 CAN receive FIFO pointer control register 0 RFPCTROL CAN transmit/receive FIFO control register 1 CANO transmit/receive FIFO control register 1 CANO transmit/receive FIFO control register 0 CFCCLOH CFCCLOH CANO transmit/receive FIFO message lost status register 0 RRSTSS CFSTSOL	CAN global status register	

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

					Pin o	count	
Address	Special function register (SFR) name	Sym	ibol	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	1	TMIECH	1	✓	✓	✓	✓
F037CH	CAN0 transmit history buffer control register	THLCC0L	THLCC0	✓	✓	✓	✓
F037DH	j , , , , , , , , , , , , , , , , , , ,	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	Of it global transmit interrupt status register	GTINTSTSH	011111010	√ ·	√	√	√ ·
F038AH	CAN global RAM window control register	GRWCRL	GRWCR	√	· ✓	· ✓	·
F038BH	CAN global RAIN WINDOW CONTrol register	GRWCRH	GRWCR	→	√	√	✓
	CAN alshal toot configuration register		GTSTCFG	✓	✓	√	√
F038CH	CAN global test configuration register	GTSTCFGL	GISICFG				
F038DH		GTSTCFGH		√	√	√	√
F038EH	CAN global test control register	GTSTCTRL		√	√	√	√
F0394H	CAN global test protection unlock register	GLOCKK		✓	✓	√	✓
F0395H			T = 1 = 1 = 1				
F03A0H	CAN receive rule entry register 0AL /	GAFLIDL0L/	GAFLIDL0/	✓	✓	✓	✓
	CAN receive buffer register 0AL	RMIDL0L	RMIDL0				
F03A1H		GAFLIDL0H/		✓	✓	✓	✓
		RMIDL0H					
F03A2H	CAN receive rule entry register 0AH /	GAFLIDH0L/	GAFLIDH0/	✓	✓	✓	✓
	CAN receive buffer register 0AH	RMIDH0L	RMIDH0				
F03A3H		GAFLIDH0H/		✓	✓	✓	✓
		RMIDH0H					
F03A4H	CAN receive rule entry register 0BL /	GAFLML0L/	GAFLML0/	✓	✓	✓	✓
	CAN receive buffer register 0BL	RMTS0L	RMTS0				
F03A5H		GAFLML0H/		✓	✓	✓	✓
		RMTS0H					
F03A6H	CAN receive rule entry register 0BH /	GAFLMH0L/	GAFLMH0/	✓	✓	✓	✓
	CAN receive buffer register 0BH	RMPTR0L	RMPTR0				
F03A7H		GAFLMH0H/		✓	✓	✓	✓
		RMPTR0H					
F03A8H	CAN receive rule entry register 0CL /	GAFLPL0L/	GAFLPL0/	✓	✓	✓	✓
	CAN receive buffer register 0CL	RMDF00L	RMDF00				
F03A9H		GAFLPL0H/		✓	✓	✓	✓
		RMDF00H					
F03AAH	CAN receive rule entry register 0CH /	GAFLPH0L/	GAFLPH0/	✓	✓	✓	✓
	CAN receive buffer register 0CH	RMDF10L	RMDF10				
F03ABH		GAFLPH0H/		✓	✓	✓	✓
		RMDF10H					
F03ACH	CAN receive rule entry register 1AL /	GAFLIDL1L/	GAFLIDL1/	✓	✓	✓	✓
	CAN receive buffer register 0DL	RMDF20L	RMDF20				
F03ADH		GAFLIDL1H/		✓	✓	✓	✓
		RMDF20H					

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

	0 116 (1 16 (050)				Pin c	ount	
Address	Special function register (SFR) name	Sym	ibol	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		√	✓	√	✓

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

		_			Pin o	count	
Address	Special function register (SFR) name	Sym	bol	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		✓	✓	✓	✓

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

		_			Pin o	count		
Address	Special function register (SFR) name	Sym	bol	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)

					Pin o	count	·	
Address	Special function register (SFR) name	Sym	bol	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	G. K. 1900/10 Zuliol Teglodol G.Z. 1	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)

					Pin c	count	
Address	Special function register (SFR) name	Sym	ibol	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		√	✓	✓	√

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

					Pin c	count	
Address	Special function register (SFR) name	Sym	ibol	100-pin	80-pin	64-pin	48-pin
F0426H	CAN receive rule entry register 11AH / CAN receive buffer register 8BH	GAFLIDH11L/ RMPTR8L	GAFLIDH11/ RMPTR8	√	√	√	V
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		✓	✓	✓	√

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

					Pin c	count	
Address	Special function register (SFR) name	Sym	ibol	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	Ů	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)

	0 116 (1 16 (250)				Pin count			
Address	Special function register (SFR) name	Sym	bol	100-pin	80-pin	64-pin	48-pin	
F0456H	CAN receive rule entry register 15AH /	GAFLIDH15L/	GAFLIDH15/	✓	✓	✓	✓	
	CAN receive buffer register 11BH	RMPTR11L	RMPTR11					
F0457H		GAFLIDH15H/		✓	✓	✓	✓	
		RMPTR11H						
F0458H	CAN receive rule entry register 15BL /	GAFLML15L/	GAFLML15/	✓	✓	✓	✓	
	CAN receive buffer register 11CL	RMDF011L	RMDF011					
F0459H		GAFLML15H/		✓	✓	✓	✓	
		RMDF011H						
F045AH	CAN receive rule entry register 15BH /	GAFLMH15L/	GAFLMH15/	✓	✓	✓	✓	
	CAN receive buffer register 11CH	RMDF111L	RMDF111					
F045BH		GAFLMH15H/		✓	✓	✓	✓	
		RMDF111H						
F045CH	CAN receive rule entry register 15CL /	GAFLPL15L/	GAFLPL15/	✓	✓	✓	✓	
	CAN receive buffer register 11DL	RMDF211L	RMDF211					
F045DH		GAFLPL15H/		✓	✓	✓	✓	
		RMDF211H						
F045EH	CAN receive rule entry register 15CH /	GAFLPH15L/	GAFLPH15/	✓	✓	✓	✓	
E0.45E1.1	CAN receive buffer register 11DH	RMDF311L	RMDF311					
F045FH		GAFLPH15H/		✓	√	✓	✓	
E0.40011	CAN receive buffer as sister 40Al	RMDF311H	DMIDL 40	√	✓	√	√	
F0460H	CAN receive buffer register 12AL	RMIDL12L	RMIDL12					
F0461H	OAN as a size beffer as size 40AH	RMIDL12H	DMIDLIAG	✓ ✓	✓ ✓	√	√	
F0462H	CAN receive buffer register 12AH	RMIDH12L	RMIDH12			√	√	
F0463H	0.44	RMIDH12H	DMTO40	√	✓ ✓	√	√	
F0464H	CAN receive buffer register 12BL	RMTS12L	RMTS12	✓ ✓	✓ ✓	√	✓ ✓	
F0465H	0.44	RMTS12H	DMDTD40					
F0466H	CAN receive buffer register 12BH	RMPTR12L	RMPTR12	√	√	√	√	
F0467H	0.44	RMPTR12H	DMDF040	√	√	√	√	
F0468H	CAN receive buffer register 12CL	RMDF012L	RMDF012	√	√	√	√	
F0469H		RMDF012H	51155116	√	√	√	√	
F046AH	CAN receive buffer register 12CH	RMDF112L	RMDF112	√	√	√	√	
F046BH		RMDF112H	51155010	√	√	√	√	
F046CH	CAN receive buffer register 12DL	RMDF212L	RMDF212	√	√	√	√	
F046DH		RMDF212H	51155010	√	√	√	√	
F046EH	CAN receive buffer register 12DH	RMDF312L	RMDF312	√	√	√	√	
F046FH		RMDF312H	51454.45	√	√	√	√	
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	5115	√	√	√	√	
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		✓	✓	✓	✓	

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

		· ·	•		.78/F14 (19/29) Pin count				
Address	Special function register (SFR) name	Sym	nbol	100 nin			40 min		
F047011	CAN receive hoffer register 42DI	DMDE040	DMDEGAG	100-pin ✓	80-pin ✓	64-pin ✓	48-pin ✓		
F047CH F047DH	CAN receive buffer register 13DL	RMDF213L RMDF213H	RMDF213	✓	√	√	✓		
F047DH F047EH	CAN receive buffer register 13DH	RMDF313L	RMDF313	√	√	√	√		
F047EH	CAN receive buller register 13DH	RMDF313H	RIVIDES 13	✓	√	√	√		
F047F11	CAN receive buffer register 14AL	RMIDL14L	RMIDL14	√	√	√	→		
F0480H	CAN receive buller register 14AL	RMIDL14H	KIVIIDE 14	✓	√	✓	✓		
F048111	CAN receive buffer register 14AH	RMIDH14L	RMIDH14	√	√	√	√		
F0483H	CAN receive buller register 14AT1	RMIDH14H	1 KWIIDITT4	· /	<u> </u>	· ✓	√		
F0484H	CAN receive buffer register 14BL	RMTS14L	RMTS14	<i>√</i>	<i>✓</i>	· ✓	<i>√</i>		
F0485H	OAN Teceive build register 14BE	RMTS14H	I	<i>✓</i>	<i>✓</i>	· ✓	<i>√</i>		
F0486H	CAN receive buffer register 14BH	RMPTR14L	RMPTR14	✓ ·	✓	√ ·	√ ·		
F0487H	O/MYTECOTYC Barrer Teglister 14-Bit	RMPTR14H	10000	✓ ·	✓	✓	✓		
F0488H	CAN receive buffer register 14CL	RMDF014L	RMDF014	<i>·</i> ✓	<i>✓</i>	· ✓	<i>√</i>		
F0489H	OAN Teceive build register 140L	RMDF014H	TOOL OT	<i>✓</i>	<i>✓</i>	· ✓	<i>√</i>		
F048AH	CAN receive buffer register 14CH	RMDF114L	RMDF114	✓ ·	√	√ ·	√ ·		
F048BH	OAN Teceive build register 14011	RMDF114H	TOWNER THE	<i>✓</i>	<i>✓</i>	· ✓	<i>√</i>		
F048CH	CAN receive buffer register 14DL	RMDF214L	RMDF214	✓ ·	✓	√ ·	✓		
F048DH	Ontitiodal Sunar register 1452	RMDF214H	TOMBI Z14	✓ ·	√	✓	✓		
F048EH	CAN receive buffer register 14DH	RMDF314L	RMDF314	<i>√</i>	✓ ·	· ✓	√ ·		
F048FH	OAN Teceive build register 14511	RMDF314H	TOOL ST4	<i>✓</i>	✓ ·	· ✓	√ ·		
F0490H	CAN receive buffer register 15AL	RMIDL15L	RMIDL15	<i>✓</i>	✓ ·	· ✓	✓ ·		
F0491H	CAN receive buller register 13AL	RMIDL15H	INMIDE	· ✓	<u> </u>	· ✓	<i>→</i>		
F0491H	CAN receive buffer register 15AH	RMIDH15L	RMIDH15	· ·	<i>✓</i>	· ✓	<i>✓</i>		
F0492H	CAN receive buller register 15A11	RMIDH15H	KIMIDITIS	✓	√	√	√		
F0494H	CAN receive buffer register 15BL	RMTS15L	RMTS15	· ·	<u> </u>	· ✓	<i>→</i>		
F0495H	OAN TECCIVE BUILT TEGISTET TOBE	RMTS15H	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<i>✓</i>	✓ ·	· ✓	<i>√</i>		
F0496H	CAN receive buffer register 15BH	RMPTR15L	RMPTR15	<i>·</i> ✓	<i>✓</i>	· ✓	<i>√</i>		
F0497H	O/MY receive buller register 102/1	RMPTR15H	1 1 1 1 1 1 1 1	✓ ·	✓	√ ·	✓		
F0498H	CAN receive buffer register 15CL	RMDF015L	RMDF015	✓ ·	√	✓	✓		
F0499H	O/MYTECOTYC Barrer Teglister 1002	RMDF015H	TUNDIO	✓ ·	√	✓	✓		
F049AH	CAN receive buffer register 15CH	RMDF115L	RMDF115	√	√	√	√		
F049BH	On the content of the	RMDF115H	- 111151 110	✓	√	√	√		
F049CH	CAN receive buffer register 15DL	RMDF215L	RMDF215	√	√	√	√		
F049DH	On the content of the	RMDF215H	- 1111121210	✓	√	√	√		
F049EH	CAN receive buffer register 15DH	RMDF315L	RMDF315	√	✓	√	√		
F049FH		RMDF315H		✓	✓	✓	√		
F0580H	CAN RAM test register 0	RPGACC0L	RPGACC0	√	√	√	√		
F0581H		RPGACC0H	1	✓	√	√	√		
F0582H	CAN RAM test register 1	RPGACC1L	RPGACC1	✓ ·	√	✓	✓		
F0583H		RPGACC1H	1 5557	✓ ·	√	✓	✓		
F0584H	CAN RAM test register 2	RPGACC2L	RPGACC2	✓ ·	√	✓	✓		
F0585H	5	RPGACC2H	111 0,1002	<i>✓</i>	√ ·	· ✓	✓ ·		
F0586H	CAN RAM test register 3	RPGACC3L	RPGACC3	· ✓	✓ ·	· ✓	√ ·		
F0587H	S	RPGACC3H	1.1. 0.1000	✓ ·	✓	· ✓	√ ·		
F0588H	CAN RAM test register 4	RPGACC4L	RPGACC4	· ·	<u> </u>	· ✓	√		
F0589H	C T. G. an Cost Toglotol 4	RPGACC4L	- 1.1. 5/1004	· ✓	√	· ✓	√		
F058AH	CAN RAM test register 5	RPGACC411	RPGACC5	✓	√	✓	√		
F058BH	O. W. I VAIW COST TO GISTON	RPGACC5L	IN SACCS	✓	✓	✓	√		
F058CH	CAN RAM test register 6	RPGACC5I1	RPGACC6	√	√	√	√		
1 000011	On the technical register of	RPGACC6H	1 1 5,000	✓	√	✓	√		

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

	0 116 11 11 11 11			-	Pin	count	unt		
Address	Special function register (SFR) name	Sym	nbol	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	1	RPGACC8H		✓	✓	✓	✓		
F0592H	CAN RAM test register 9	RPGACC9L	RPGACC9	✓	✓	✓	✓		
F0593H	1	RPGACC9H		✓	✓	✓	✓		
F0594H	CAN RAM test register 10	RPGACC10L	RPGACC10	✓	✓	✓	✓		
F0595H	1	RPGACC10H	1	✓	✓	✓	✓		
F0596H	CAN RAM test register 11	RPGACC11L	RPGACC11	✓	✓	✓	✓		
F0597H	1	RPGACC11H	1	✓	✓	✓	✓		
F0598H	CAN RAM test register 12	RPGACC12L	RPGACC12	✓	✓	✓	✓		
F0599H	1	RPGACC12H	1	✓	✓	✓	✓		
F059AH	CAN RAM test register 13	RPGACC13L	RPGACC13	✓	✓	✓	✓		
F059BH		RPGACC13H	1	√	✓	✓	✓		
F059CH	CAN RAM test register 14	RPGACC14L	RPGACC14	√	√	✓	√		
F059DH	- Critical and took regions.	RPGACC14H	1 07.00	√	✓	√	√		
F059EH	CAN RAM test register 15	RPGACC15L	RPGACC15	√	√	√	√		
F059FH	SANTONIN LEST TEGISLET TO	RPGACC15H	111 6/16616	√	✓	√	√		
F05A0H	CAN RAM test register 16 /	RPGACC16L/	RPGACC16/	<i>✓</i>	<i>-</i> ✓	· /	· ·		
1 00/1011	CAN receive FIFO access register 0AL	RFIDL0L	RFIDL0	·	•				
F05A1H	OAN TOCCIVE I'M O access register GAL	RPGACC16H	I II IBLO	√	√	√	√		
TOJATTI		RFIDL0H		,	•	,			
F05A2H	CAN RAM test register 17 /	RPGACC17L/	RPGACC17/	√	√	√	√		
I UJAZII	CAN receive FIFO access register 0AH	RFIDH0L	RFIDH0	•	·	,	,		
F05A3H	OAN receive i ii o access register oarr	RPGACC17H	I I I I I I I	√	√	√	√		
1 00/1011		RFIDH0H		·	•				
F05A4H	CAN RAM test register 18 /	RPGACC18L/	RPGACC18/	√	✓	√	√		
100/411	CAN receive FIFO access register 0BL	RFTS0L	RFTS0	·	•				
F05A5H		RPGACC18H/	1	✓	✓	√	√		
1 00/1011		RFTS0H					-		
F05A6H	CAN RAM test register 19 /	RPGACC19L/	RPGACC19/	√	✓	√	√		
. 00/.01.	CAN receive FIFO access register 0BH	RFPTR0L	RFPTR0						
F05A7H	grant reserve that a decease regions (22).	RPGACC19H/	1	✓	√	√	√		
		RFPTR0H							
F05A8H	CAN RAM test register 20 /	RPGACC20L/	RPGACC20/	√	✓	✓	✓		
	CAN receive FIFO access register 0CL	RFDF00L	RFDF00						
F05A9H		RPGACC20H/	1	√	✓	✓	✓		
		RFDF00H							
F05AAH	CAN RAM test register 21 /	RPGACC21L/	RPGACC21/	√	✓	✓	✓		
	CAN receive FIFO access register 0CH	RFDF10L	RFDF10						
F05ABH		RPGACC21H/	1	✓	✓	✓	✓		
		RFDF10H							
F05ACH	CAN RAM test register 22 /	RPGACC22L/	RPGACC22/	✓	✓	✓	✓		
	CAN receive FIFO access register 0DL	RFDF20L	RFDF20						
F05ADH	1	RPGACC22H/	1	✓	✓	✓	✓		
		RFDF20H							
F05AEH	CAN RAM test register 23 /	RPGACC23L/	RPGACC23/	✓	✓	✓	✓		
	CAN receive FIFO access register 0DH	RFDF30L	RFDF30						
F05AFH	1	RPGACC23H/	1	✓	✓	✓	✓		
		RFDF30H							

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

	Table 3-6 List of extended SF		•	I ILL TOTAL			
Address	Special function register (SFR) name	Sym	bol	100-pin	80-pin	ount 64-pin	48-pin
F05B0H	CAN RAM test register 24 /	RPGACC24L/	RPGACC24/	✓	✓	✓	✓
	CAN receive FIFO access register 1AL	RFIDL1L	RFIDL1				
F05B1H		RPGACC24H/		✓	✓	✓	✓
		RFIDL1H					
F05B2H	CAN RAM test register 25 /	RPGACC25L/	RPGACC25/	✓	✓	✓	✓
	CAN receive FIFO access register 1AH	RFIDH1L	RFIDH1				
F05B3H]	RPGACC25H/		✓	✓	✓	✓
		RFIDH1H					
F05B4H	CAN RAM test register 26 /	RPGACC26L/	RPGACC26/	✓	✓	✓	✓
	CAN receive FIFO access register 1BL	RFTS1L	RFTS1				
F05B5H	1	RPGACC26H/		✓	✓	✓	✓
		RFTS1H					
F05B6H	CAN RAM test register 27 /	RPGACC27L/	RPGACC27/	✓	✓	✓	✓
	CAN receive FIFO access register 1BH	RFPTR1L	RFPTR1				
F05B7H]	RPGACC27H/		✓	✓	✓	✓
		RFPTR1H					
F05B8H	CAN RAM test register 28 /	RPGACC28L/	RPGACC28/	✓	✓	✓	✓
	CAN receive FIFO access register 1CL	RFDF01L	RFDF01				
F05B9H]	RPGACC28H/		✓	✓	✓	✓
		RFDF01H					
F05BAH	CAN RAM test register 29 /	RPGACC29L/	RPGACC29/	✓	✓	✓	✓
	CAN receive FIFO access register 1CH	RFDF11L	RFDF11				
F05BBH	1	RPGACC29H/	1	✓	✓	✓	✓
		RFDF11H					
F05BCH	CAN RAM test register 30 /	RPGACC30L/	RPGACC30/	✓	✓	✓	✓
	CAN receive FIFO access register 1DL	RFDF21L	RFDF21				
F05BDH]	RPGACC30H/		✓	✓	✓	✓
		RFDF21H					
F05BEH	CAN RAM test register 31 /	RPGACC31L/	RPGACC31/	✓	✓	✓	✓
	CAN receive FIFO access register 1DH	RFDF31L	RFDF31				
F05BFH]	RPGACC31H/		✓	✓	✓	✓
		RFDF31H					
F05C0H	CAN RAM test register 32	RPGACC32L	RPGACC32	✓	✓	✓	✓
F05C1H	1	RPGACC32H		✓	✓	✓	✓
F05C2H	CAN RAM test register 33	RPGACC33L	RPGACC33	✓	✓	✓	✓
F05C3H	1	RPGACC33H	1	✓	✓	✓	✓
F05C4H	CAN RAM test register 34	RPGACC34L	RPGACC34	✓	✓	✓	✓
F05C5H	Ī	RPGACC34H	1	✓	✓	✓	✓
F05C6H	CAN RAM test register 35	RPGACC35L	RPGACC35	✓	✓	✓	✓
F05C7H	1	RPGACC35H	1	✓	✓	✓	✓
F05C8H	CAN RAM test register 36	RPGACC36L	RPGACC36	✓	✓	✓	✓
F05C9H	1	RPGACC36H	1	√	√	✓	√
F05CAH	CAN RAM test register 37	RPGACC37L	RPGACC37	√	√	√	√
F05CBH		RPGACC37H	1 3	✓ ·	✓	✓	✓ ·
F05CCH	CAN RAM test register 38	RPGACC38L	RPGACC38	✓ ·	√ ·	✓	<i>✓</i>
F05CDH	C. I. C. I. W. I. COL. TO GIOLO! OU	RPGACC38H	0, 10000	· ✓	· ✓	· ✓	· ·
F05CEH	CAN RAM test register 39	RPGACC39L	RPGACC39	√	✓	√	✓
F05CFH	O, it it its it is	RPGACC39L	IN CACCOS	√	→	· ·	✓
F05D0H	CAN RAM test register 40	RPGACC39H RPGACC40L	RPGACC40	✓	✓	✓	✓
	OAN IVAIVI LEST TEGISTET 40		IN GACC40	✓	✓	✓	✓
F05D1H	<u> </u>	RPGACC40H	<u>I</u>	v		V	

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

	Table 3-6 List of extended SFR		i Group E or	IXL/O/I	•	ount	
Address	Special function register (SFR) name	Sym	ibol	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	67.66.12	√	✓	√	√
F05D6H	CAN RAM test register 43	RPGACC43L	RPGACC43	√	✓	√	√
F05D7H	- Critical and took regions. The	RPGACC43H	111 6/166 16	√	√	√	√
F05D8H	CAN RAM test register 44	RPGACC44L	RPGACC44	√	√	√	√
F05D9H	- Critical intestrograms in	RPGACC44H	111 6/16611	✓	√	√	√
F05DAH	CAN RAM test register 45	RPGACC45L	RPGACC45	√	✓	√	√
F05DBH	Of it To it to strogister 40	RPGACC45H	111 0/10040	✓ ·	√	✓	√
F05DCH	CAN RAM test register 46	RPGACC46L	RPGACC46	· ✓	· ✓	· ·	· ✓
F05DDH	CAN NAM lest register 40	RPGACC46H	KI GACC40	· ·	· ·	· ·	· ✓
F05DDH F05DEH	CAN RAM test register 47	RPGACC46H	RPGACC47	√	✓	✓	✓
	CAN RAIVI lest register 47		RPGACC47	✓	✓	✓	✓
F05DFH	CAN DAM test segister 40 /	RPGACC47H	RPGACC48/	∨	√	✓	✓
F05E0H	CAN transmitted for FIFO	RPGACC48L/		•	•	•	Y
FOFFALL	CAN transmit/receive FIFO access register	CFIDL0L	CFIDL0	✓	√	√	√
F05E1H	0AL	RPGACC48H/		V	*	*	·
FOFFOLI	CAN BANK A 10 /	CFIDL0H	DD040040/		√		
F05E2H	CAN RAM test register 49 /	RPGACC49L/	RPGACC49/	✓	~	✓	✓
	CAN transmit/receive FIFO access register	CFIDH0L	CFIDH0				
F05E3H	0AH	RPGACC49H/		✓	✓	✓	✓
F055 411	CAN DAME	CFIDH0H	DD040050/	,			
F05E4H	CAN RAM test register 50 /	RPGACC50L/	RPGACC50/	✓	√	✓	√
	CAN transmit/receive FIFO access register	CFTS0L	CFTS0				
F05E5H	0BL	RPGACC50H/		✓	✓	✓	✓
FOFFOLI	CAN DAME	CFTS0H	DD040054/	,			
F05E6H	CAN RAM test register 51 /	RPGACC51L/	RPGACC51/	✓	√	✓	√
FOFFTU	CAN transmit/receive FIFO access register	CFPTR0L	CFPTR0				
F05E7H	0BH	RPGACC51H/		✓	✓	√	√
FOFFOLI	0.00 0.00	CFPTR0H	DD040050/				
F05E8H	CAN RAM test register 52 /	RPGACC52L/	RPGACC52/	✓	✓	✓	✓
FOFFOLI	CAN transmit/receive FIFO access register	CFDF00L	CFDF00				
F05E9H	0CL	RPGACC52H/		✓	✓	✓	√
FOFFALL	CAN DAMA	CFDF00H	DD040050/				
F05EAH	CAN RAM test register 53 /	RPGACC53L/	RPGACC53/	✓	√	✓	√
	CAN transmit/receive FIFO access register	CFDF10L	CFDF10				,
F05EBH	0CH	RPGACC53H/		✓	✓	✓	✓
FOFFOLI	CAN DAME	CFDF10H	DD040054/	,			
F05ECH	CAN RAM test register 54 /	RPGACC54L/	RPGACC54/	✓	✓	✓	✓
FOSERIA	CAN transmit/receive FIFO access register	CFDF20L	CFDF20				
F05EDH	0DL	RPGACC54H/		✓	✓	✓	✓
F055511	0.M.B.M	CFDF20H	DD0400751				
F05EEH	CAN RAM test register 55 /	RPGACC55L/	RPGACC55/	✓	✓	✓	✓
F05F=::	CAN transmit/receive FIFO access register	CFDF30L	CFDF30				
F05EFH	0DH	RPGACC55H/		✓	✓	✓	✓
	0.000	CFDF30H	DD04555				
F05F0H	CAN RAM test register 56	RPGACC56L	RPGACC56	√	√	✓	√
F05F1H		RPGACC56H		√	✓	✓	√
F05F2H	CAN RAM test register 57	RPGACC57L	RPGACC57	✓	✓	✓	✓
F05F3H		RPGACC57H	<u> </u>	✓	✓	✓	✓

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

A.1.	On a del formati	_			Pin o	count	·
Address	Special function register (SFR) name	Sym	ibol	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	1	RPGACC59H		✓	✓	✓	✓
F05F8H	CAN RAM test register 60	RPGACC60L	RPGACC60	✓	✓	✓	✓
F05F9H	1	RPGACC60H		✓	✓	✓	✓
F05FAH	CAN RAM test register 61	RPGACC61L	RPGACC61	✓	✓	✓	✓
F05FBH	1	RPGACC61H	1	✓	✓	✓	✓
F05FCH	CAN RAM test register 62	RPGACC62L	RPGACC62	√	✓	✓	✓
F05FDH		RPGACC62H	1	✓	✓	✓	✓
F05FEH	CAN RAM test register 63	RPGACC63L	RPGACC63	√	✓	√	√
F05FFH	- Critirio un test register de	RPGACC63H	11. 6/10000	√	✓	√	√
F0600H	CAN RAM test register 64 /	RPGACC64L/	RPGACC64/	<i>'</i>	· ·	· /	· ·
1 000011	CAN transmit buffer register 0AL	TMIDL0L	TMIDL0	,	·		
F0601H	OAN transmit build register oal	RPGACC64H/	TWIDEO	√	√	√	√
1 000 111		TMIDL0H		,	·		
F0602H	CAN RAM test register 65 /	RPGACC65L/	RPGACC65/	√	✓	√	√
1 000211	CAN transmit buffer register 0AH	TMIDH0L	TMIDH0	,	,		•
F0603H	CAN transmit buller register barr	RPGACC65H/	TIVIIDITO	√	√	√	√
гибизп		TMIDH0H		•	V	•	•
F0604H	CAN RAM test register 66	RPGACC66L	RPGACC66	√	√	√	√
	CAN NAM lest register 60	-	REGACCOO	✓	✓	✓	✓
F0605H	CAN RAM test register 67 /	RPGACC66H RPGACC67L/	RPGACC67/	✓	√	✓	√
F0606H	-	TMPTROL	TMPTR0	•	v	'	•
F0607H	CAN transmit buffer register 0BH		TIVIFIKU	✓	✓	√	✓
FU6U/H		RPGACC67H/ TMPTR0H		V	•	•	•
F0608H	CAN RAM test register 68 /	RPGACC68L/	RPGACC68/	√	√	√	√
гиоиоп	CAN transmit buffer register 0CL	TMDF00L	TMDF00	•	V	•	•
F0609H	CAN transmit buller register occ	RPGACC68H/	TIVIDIFOO	√	√	√	√
1000911		TMDF00H		•	•		•
F060AH	CAN RAM test register 69 /	RPGACC69L/	RPGACC69/	√	√	√	√
FUOUAH	CAN transmit buffer register 0CH	TMDF10L	TMDF10	•	V	,	•
F060BH	CAN transmit buller register och	RPGACC69H/	TIVIDETO	√	√	√	√
гиоивп		TMDF10H		•	V	,	•
F060CH	CAN RAM test register 70 /	RPGACC70L/	RPGACC70/	√	√	1	√
FUOUCH	CAN transmit buffer register 0DL	TMDF20L	TMDF20	•	V	,	•
FOCODII	CAN transmit buller register obc	RPGACC70H/	TIVIDEZU	√	✓	√	√
F060DH				V	•	•	•
FOCOFIL	CAN RAM test register 71 /	TMDF20H RPGACC71L/	RPGACC71/	√	√	√	√
F060EH	_			•	v	'	•
FOCOFIL	CAN transmit buffer register 0DH	TMDF30L RPGACC71H/	TMDF30	✓	√	√	√
F060FH				V	•	•	•
F064011	CAN DAM toot register 70 /	TMDF30H	DDC A CCZC/	./	./	./	
F0610H	CAN RAM test register 72 /	RPGACC72L/	RPGACC72/	✓	✓	✓	✓
F064411	CAN transmit buffer register 1AL	TMIDL1L	TMIDL1	./	./	./	
F0611H		RPGACC72H/		✓	✓	✓	✓
F064011	CAN DAM toot register 72 /	TMIDL1H	DDC A CCZC/	./	./	./	
F0612H	CAN transmit buffer register 1 A H	RPGACC73L/	RPGACC73/	√	✓	✓	✓
E004011	CAN transmit buffer register 1AH	TMIDH1L	TMIDH1	-	√	√	
F0613H		RPGACC73H/		√	~	'	✓
		TMIDH1H	<u> </u>			l .]

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

	Table 3-6 List of extended SF				•	count		
Address	Special function register (SFR) name	Sym	bol	100-pin	80-pin	64-pin	48-pin	
F0614H	CAN RAM test register 74	RPGACC74L	RPGACC74	√ √	√ √	0+ β· √		
F0615H	ON WYO WINDOW TO GISTOR THE	RPGACC74H	111 6/10074	√ ·	√ ·	√	✓ ·	
F0616H	CAN RAM test register 75 /	RPGACC75L/	RPGACC75/	√ ·	√ ·	√	✓ ·	
1 00 1011	CAN transmit buffer register 1BH	TMPTR1L	TMPTR1	,				
F0617H	O'A'V transmit buner register 1511	RPGACC75H/	11011 1101	√	✓	√	√	
1 001711		TMPTR1H						
F0618H	CAN RAM test register 76 /	RPGACC76L/	RPGACC76/	√	✓	√	√	
	CAN transmit buffer register 1CL	TMDF01L	TMDF01					
F0619H		RPGACC76H/	-	✓	✓	✓	√	
		TMDF01H						
F061AH	CAN RAM test register 77 /	RPGACC77L/	RPGACC77/	✓	✓	✓	✓	
	CAN transmit buffer register 1CH	TMDF11L	TMDF11					
F061BH	1	RPGACC77H/		✓	✓	✓	✓	
		TMDF11H						
F061CH	CAN RAM test register 78 /	RPGACC78L/	RPGACC78/	✓	✓	✓	✓	
	CAN transmit buffer register 1DL	TMDF21L	TMDF21					
F061DH	1	RPGACC78H/	1	✓	✓	✓	✓	
		TMDF21H						
F061EH	CAN RAM test register 79 /	RPGACC79L/	RPGACC79/	✓	✓	✓	✓	
	CAN transmit buffer register 1DH	TMDF31L	TMDF31					
F061FH	1	RPGACC79H/		✓	✓	✓	✓	
		TMDF31H						
F0620H	CAN RAM test register 80 /	RPGACC80L/	RPGACC80/	✓	✓	✓	✓	
	CAN transmit buffer register 2AL	TMIDL2L	TMIDL2					
F0621H		RPGACC80H/		✓	✓	✓	✓	
		TMIDL2H						
F0622H	CAN RAM test register 81 /	RPGACC81L/	RPGACC81/	✓	✓	✓	✓	
	CAN transmit buffer register 2AH	TMIDH2L	TMIDH2					
F0623H		RPGACC81H/		✓	✓	✓	✓	
		TMIDH2H						
F0624H	CAN RAM test register 82	RPGACC82L	RPGACC82	✓	✓	✓	✓	
F0625H		RPGACC82H		✓	✓	✓	✓	
F0626H	CAN RAM test register 83 /	RPGACC83L/	RPGACC83/	✓	✓	✓	✓	
	CAN transmit buffer register 2BH	TMPTR2L	TMPTR2					
F0627H		RPGACC83H/		✓	✓	✓	✓	
		TMPTR2H						
F0628H	CAN RAM test register 84 /	RPGACC84L/	RPGACC84/	✓	✓	✓	✓	
	CAN transmit buffer register 2CL	TMDF02L	TMDF02					
F0629H		RPGACC84H/		✓	✓	✓	✓	
		TMDF02H						
F062AH	CAN RAM test register 85 /	RPGACC85L/	RPGACC85/	✓	✓	✓	✓	
	CAN transmit buffer register 2CH	TMDF12L	TMDF12				ļ	
F062BH		RPGACC85H/		✓	✓	✓	✓	
		TMDF12H					1	
F062CH	CAN RAM test register 86 /	RPGACC86L/	RPGACC86/	✓	✓	✓	✓	
	CAN transmit buffer register 2DL	TMDF22L	TMDF22					
F062DH		RPGACC86H/		✓	✓	✓	✓	
		TMDF22H						

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

	Table 3-6 List of extended SF	<u> </u>	•		Pin count			
Address	Special function register (SFR) name	Sym	bol	100-pin	80-pin	64-pin	48-pin	
F062EH	CAN RAM test register 87 /	RPGACC87L/	RPGACC87/	✓	✓	✓	✓	
	CAN transmit buffer register 2DH	TMDF32L	TMDF32					
F062FH]	RPGACC87H/		√	✓	✓	✓	
		TMDF32H						
F0630H	CAN RAM test register 88 /	RPGACC88L/	RPGACC88/	✓	✓	✓	√	
	CAN transmit buffer register 3AL	TMIDL3L	TMIDL3					
F0631H	j	RPGACC88H/		✓	✓	✓	✓	
		TMIDL3H						
F0632H	CAN RAM test register 89 /	RPGACC89L/	RPGACC89/	✓	✓	✓	✓	
	CAN transmit buffer register 3AH	TMIDH3L	TMIDH3					
F0633H	j	RPGACC89H/		✓	✓	✓	✓	
		TMIDH3H						
F0634H	CAN RAM test register 90	RPGACC90L	RPGACC90	✓	✓	✓	✓	
F0635H		RPGACC90H		✓	✓	✓	✓	
F0636H	CAN RAM test register 91 /	RPGACC91L/	RPGACC91/	√	√	√	√	
	CAN transmit buffer register 3BH	TMPTR3L	TMPTR3					
F0637H		RPGACC91H/	1	√	√	✓	√	
		TMPTR3H						
F0638H	CAN RAM test register 92 /	RPGACC92L/	RPGACC92/	✓	✓	✓	√	
	CAN transmit buffer register 3CL	TMDF03L	TMDF03					
F0639H		RPGACC92H/	1	√	✓	√	√	
1 000011		TMDF03H			·	·		
F063AH	CAN RAM test register 93 /	RPGACC93L/	RPGACC93/	√	✓	√	√	
	CAN transmit buffer register 3CH	TMDF13L	TMDF13					
F063BH		RPGACC93H/	1	√	✓	√	√	
. 0002		TMDF13H						
F063CH	CAN RAM test register 94 /	RPGACC94L/	RPGACC94/	✓	✓	✓	√	
	CAN transmit buffer register 3DL	TMDF23L	TMDF23					
F063DH		RPGACC94H/	1	√	✓	✓	√	
		TMDF23H						
F063EH	CAN RAM test register 95 /	RPGACC95L/	RPGACC95/	√	✓	√	√	
. 0002	CAN transmit buffer register 3DH	TMDF33L	TMDF33					
F063FH		RPGACC95H/	1	√	✓	✓	√	
		TMDF33H						
F0640H	CAN RAM test register 96	RPGACC96L	RPGACC96	✓	✓	✓	✓	
F0641H		RPGACC96H		√	✓	√	√	
F0642H	CAN RAM test register 97	RPGACC97L	RPGACC97	✓	√	✓	√ ·	
F0643H		RPGACC97H	5555,	✓ ·	√	√	√ ·	
F0644H	CAN RAM test register 98	RPGACC98L	RPGACC98	✓ ·	✓	√	√ ·	
F0645H	S. W. T. W. Cost Togistor 50	RPGACC98H	0,.0000	· ✓	· ✓	· ·	✓ ·	
F0646H	CAN RAM test register 99	RPGACC99L	RPGACC99	· ✓	· ✓	· ·	✓ ·	
F0647H	S. W. T. G. W. LOST TO GISTON SO	RPGACC99L	N. JACCSS	→	· ·	✓	√	
F0648H	CAN RAM test register 100	RPGACC99H RPGACC100L	RPGACC100	✓	✓	✓	√	
F0649H	OAN IANI lest register 100	RPGACC100L	NI GACCIOO	✓	✓	∨	√	
	CAN BAM toot register 101		PPCACC404	∨ ✓	∨	✓	√	
F064AH	CAN RAM test register 101	RPGACC101L	RPGACC101	✓ ✓			✓ ✓	
F064BH	CAN DAM took to gists - 100	RPGACC101H	DDC 4 00400	✓ ✓	✓ ✓	✓ ✓		
F064CH	CAN RAM test register 102	RPGACC102L	RPGACC102				√	
F064DH	0.11.5.11.1.12.	RPGACC102H	DD040040	√	√	√	√	
F064EH	CAN RAM test register 103	RPGACC103L	RPGACC103	√	√	√	√	
F064FH		RPGACC103H		✓	✓	✓	✓	

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

	Table 3-6 List of extended SF		•		Pin c		
Address	Special function register (SFR) name	Sym	bol	100-pin	80-pin	64-pin	48-pin
F0650H	CAN RAM test register 104	RPGACC104L	RPGACC104	√	· ✓	· ✓	✓
F0651H	j , , , , , , , , , , , , , , , , , , ,	RPGACC104H		✓	✓	✓	✓
F0652H	CAN RAM test register 105	RPGACC105L	RPGACC105	✓	✓	✓	✓
F0653H]	RPGACC105H		✓	✓	✓	✓
F0654H	CAN RAM test register 106	RPGACC106L	RPGACC106	✓	✓	✓	✓
F0655H	j , , , , , , , , , , , , , , , , , , ,	RPGACC106H	1	✓	✓	✓	✓
F0656H	CAN RAM test register 107	RPGACC107L	RPGACC107	✓	✓	✓	✓
F0657H	j , , , , , , , , , , , , , , , , , , ,	RPGACC107H	1	✓	✓	✓	✓
F0658H	CAN RAM test register 108	RPGACC108L	RPGACC108	✓	✓	✓	✓
F0659H	j , , , , , , , , , , , , , , , , , , ,	RPGACC108H	1	✓	✓	✓	✓
F065AH	CAN RAM test register 109	RPGACC109L	RPGACC109	✓	✓	✓	✓
F065BH	j , , , , , , , , , , , , , , , , , , ,	RPGACC109H		✓	✓	✓	✓
F065CH	CAN RAM test register 110	RPGACC110L	RPGACC110	✓	✓	✓	✓
F065DH	j , , , , , , , , , , , , , , , , , , ,	RPGACC110H		✓	✓	✓	✓
F065EH	CAN RAM test register 111	RPGACC111L	RPGACC111	✓	✓	✓	✓
F065FH]	RPGACC111H		✓	✓	✓	✓
F0660H	CAN RAM test register 112	RPGACC112L	RPGACC112	✓	✓	✓	✓
F0661H	j , , , , , , , , , , , , , , , , , , ,	RPGACC112H	1	✓	✓	✓	✓
F0662H	CAN RAM test register 113	RPGACC113L	RPGACC113	✓	✓	✓	√
F0663H	3	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	3	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	3	RPGACC121H		✓	✓	✓	√
F0674H	CAN RAM test register 122	RPGACC122L	RPGACC122	✓	✓	✓	√
F0675H	3	RPGACC122H		✓	✓	✓	√
F0676H	CAN RAM test register 123	RPGACC123L	RPGACC123	✓	✓	✓	✓
F0677H	1	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	7 3.103120	<i>√</i>	· ✓	· ✓	· ·
F067EH	CAN RAM test register 127	RPGACC127L	RPGACC127	✓ ·	· ✓	· ✓	· ·
F067EH	5. 4.4 10 avi tost register 127	RPGACC127H	A. JAJJ127	→	✓	✓	✓
F0680H	CAN0 transmit history buffer access	THLACCOL	THLACC0	→	✓	√	✓
F0680H	register	THLACCOL THLACCOH	TILAGO	→	✓	→	✓

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

					Pin count			
Address	Special function register (SFR) name	Sy	mbol	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/	√	✓	✓	√	
. 0002	Envertir bada rate procedor e regioter	LBRP10	LBRP1	√	√	√	√	
F06C3H	LIN/UART baud rate prescaler 1 register	LBRP01		✓	√	√	√	
1 000011	Envertir bada rate procedor i regioter	LBRP11		✓	√	✓	√	
F06C4H	LIN self-test control register	LSTC0		√	✓	✓	√ ·	
	Lift doil tool dollard register	LSTC1		√	√	✓	√	
F06C5H	UART standby control register	LUSC0		√	√	✓	√	
	Critic stands, some register	LUSC1		√	√	✓	√	
F06C8H	LIN/UART mode register	LMD0		√	√	✓	√	
		LMD1		√	√	✓	√	
F06C9H	LIN break field configuration register /	LBFC0		√	√	√	√	
1 000011	UART configuration register							
	o in the coming and an energy content	LBFC1		✓	✓	✓	✓	
F06CAH	LIN/UART space configuration register	LSC0		✓	✓	✓	✓	
		LSC1		✓	✓	✓	✓	
F06CBH	LIN wakeup configuration register	LWUP0		✓	✓	✓	✓	
	3, 4, 5	LWUP1		✓	✓	✓	✓	
F06CCH	LIN interrupt enable register	LIE0		✓	✓	✓	✓	
		LIE1		✓	✓	✓	✓	
F06CDH	LIN/UART error detection enable register	LEDE0		✓	✓	✓	✓	
	3	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		√	✓	✓	✓	
	g	LST1		√	√	✓	√	
F06D3H	LIN/UART error status register	LEST0		√	✓	✓	✓	
	3	LEST1		✓	✓	✓	✓	
F06D4H	LIN/UART data field configuration register	LDFC0		√	✓	✓	✓	
	3	LDFC1		✓	✓	✓	✓	
F06D5H	LIN/UART ID buffer register	LIDB0		✓	✓	✓	✓	
	3.11	LIDB1		√	✓	✓	√	
F06D6H	LIN checksum buffer register	LCBR0		√	✓	✓	✓	
	3	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		√	√	√	√	
							1	
F06DBH	LIN/UART data buffer 4 register	LDB04		✓	✓	✓	✓	

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

					Pin count		
Address	Special function register (SFR) name	Syn	nbol	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	1	LUTDR0H		✓	✓	✓	✓
		LUTDR1H		✓	✓	✓	✓
F06E6H	UART receive data register	LURDR0L	LURDR0/	✓	✓	✓	✓
		LURDR1L	LURDR1	✓	✓	✓	✓
F06E7H	1	LURDR0H		✓	✓	✓	✓
		LURDR1H		✓	✓	✓	✓
F06E8H	UART wait transmit data register	LUWTDR0L	LUWTDR0/	✓	✓	✓	✓
	Ĭ	LUWTDR1L	LUWTDR1	✓	✓	✓	✓
F06E9H	1	LUWTDR0H		✓	✓	✓	✓
		LUWTDR1H		✓	✓	✓	✓
F06F0H	Timer RJ counter register 0	TRJ0		✓	✓	✓	✓
F06F1H	1						
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		· ✓	<i>✓</i>	· ✓	✓
F0793H	Event output destination select register 19	ELSELR19		✓	✓	→	√
F0793H	Event output destination select register 19 Event output destination select register 20	ELSELR20		→	✓	✓	√
F0794H F0795H	Event output destination select register 20 Event output destination select register 21	ELSELR20		✓	√	∨	√

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

۸ طاطعه ۵ م	On a late (see a late of (OFP)	Comple at	Pin count					
Address	Special function register (SFR) name	Symbol	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

		Description	
Rev.	Date	Page	Summary
Rev.1.00	2016.01.12	1 st E	dition

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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(Note 2) "Renesas Electronics product(s)" means any product developed or manufactured by or for Renesas Electronics.



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