

MG82FG5A				MG82FG5B				MG82FG5C				MG82FG5D				MG82G5E				MG82F6D17				MG82F6D32/MG82F6D64							
#	Source Name	Request Bits	Bit Location	#	Source Name	Request Bits	Bit Location	#	Source Name	Request Bits	Bit Location	#	Source Name	Request Bits	Bit Location	#	Source Name	Request Bits	Bit Location	#	Source Name	Request Bits	Bit Location	#	Source Name	Request Bits	Bit Location				
0	External Interrupt 0, nINT0	IE0	TCON.1	0	External Interrupt 0, nINT0	IE0	TCON.1	0	External Interrupt 0, nINT0	IE0	TCON.1	0	External Interrupt 0, nINT0	IE0	TCON.1	0	External Interrupt 0, nINT0	IE0	TCON.1	0	External Interrupt 0, nINT0	IE0	TCON.1	0	External Interrupt 0, nINT0	IE0	TCON.1	0	External Interrupt 0, nINT0	IE0	TCON.1
1	Timer 0	TF0	TCON.5	1	Timer 0	TF0	TCON.5	1	Timer 0	TF0	TCON.5	1	Timer 0	TF0	TCON.5	1	Timer 0	TF0	TCON.5	1	Timer 0	TF0	TCON.5	1	Timer 0	TF0	TCON.5	1	Timer 0	TF0	TCON.5
2	External Interrupt 1, nINT1	IE1	TCON.3	2	External Interrupt 1, nINT1	IE1	TCON.3	2	External Interrupt 1, nINT1	IE1	TCON.3	2	External Interrupt 1, nINT1	IE1	TCON.3	2	External Interrupt 1, nINT1	IE1	TCON.3	2	External Interrupt 1, nINT1	IE1	TCON.3	2	External Interrupt 1, nINT1	IE1	TCON.3	2	External Interrupt 1, nINT1	IE1	TCON.3
3	Timer 1	TF1	TCON.7	3	Timer 1	TF1	TCON.7	3	Timer 1	TF1	TCON.7	3	Timer 1	TF1	TCON.7	3	Timer 1	TF1	TCON.7	3	Timer 1	TF1	TCON.7	3	Timer 1	TF1	TCON.7	3	Timer 1	TF1	TCON.7
4	Serial Port 0	RI0, TI0	S0CON.0 S0CON.1	4	Serial Port 0	RI0, TI0	S0CON.0 S0CON.1	4	Serial Port 0	RI0, TI0	S0CON.0 S0CON.1	4	Serial Port 0	RI0, TI0	S0CON.0 S0CON.1	4	Serial Port 0	RI0, TI0	S0CON.0 S0CON.1	4	Serial Port 0	RI0, TI0	S0CON.0 S0CON.1	4	Serial Port 0	RI0, TI0	S0CON.0 S0CON.1	4	Serial Port 0	RI0, TI0	S0CON.0 S0CON.1
5	Timer 2	TF2, EXF2	T2CON.7 T2CON.6	5	Timer 2	TF2, EXF2	T2CON.7 T2CON.6	5	Timer 2	TF2, EXF2	T2CON.7 T2CON.6	5	Timer 2	TF2, EXF2, (TF2L)	T2CON.7 T2CON.6 T2CON.5	5	Timer 2	TF2, EXF2, (TF2L)	T2CON.7 T2CON.6 T2CON.5	5	Timer 2	TF2, EXF2, (TF2L)	T2CON.7 T2CON.6 T2CON.5	5	Timer 2	TF2, EXF2, (TF2L)	T2CON.7 T2CON.6 T2CON.5	5	Timer 2	TF2, EXF2, (TF2L)	T2CON.7 T2CON.6 T2CON.5
6	External Interrupt 2, nINT2	IE2	XICON.1	6	External Interrupt 2, nINT2	IE2	XICON.1	6	External Interrupt 2, nINT2	IE2	XICON.1	6	External Interrupt 2, nINT2	IE2	XICON.1	6	External Interrupt 2, nINT2	IE2	XICON.1	6	External Interrupt 2, nINT2	IE2	XICON.1	6	External Interrupt 2, nINT2	IE2	XICON.1	6	External Interrupt 2, nINT2	IE2	XICON.1
7	External Interrupt 3, nINT3	IE3	XICON.5	7	External Interrupt 3, nINT3	IE3	XICON.5	7	External Interrupt 3, nINT3	IE3	XICON.5	7	SPI	SPIF	SPSTAT.7	7	External Interrupt 3, nINT3	IE3	XICON.5	7	SPI	SPIF	SPSTAT.7	7	SPI	SPIF	SPSTAT.7	7	SPI	SPIF	SPSTAT.7
8	SPI	SPIF	SPSTAT.7	8	SPI	SPIF	SPSTAT.7	8	SPI	SPIF	SPSTAT.7	8	ADC	ADCI	ADCON0.4	8	SPI	SPIF	SPSTAT.7	8	ADC	ADCI, ADCWI, SMPF	ADCON0.4 ADCON0.6 ADCFG0.2	8	ADC	ADCI, ADCWI, SMPF	ADCON0.4 ADCON0.6 ADCFG0.2				
9	ADC	ADCI	ADCON0.4	9	ADC	ADCI	ADCON0.4	9	ADC	ADCI	ADCON0.4	9	PCA0	CF, CCFn (n=0~5)	CCON.7 CCON.5~0	9	ADC	ADCI	ADCON0.4	9	PCA0	CF, CCFn (n=0~5)	CCON.7 CCON.5~0	9	PCA0	CF, CCFn (n=0~5), CCFn (n=6~7)	CCON.7 CCON.5~0 PCAPWMn.3				
10	PCA0	CF, CCFn (n=0~5)	CCON.7 CCON.5~0	10	PCA0	CF, CCFn (n=0~5)	CCON.7 CCON.5~0	10	PCA0	CF, CCFn (n=0~5)	CCON.7 CCON.5~0	10	System Flag	WDTF, BOF0, BOF1, RTCF, STAF, STOF, BM0F, BM1F, (TI0)	PCON1.0 PCON1.1 PCON1.2 PCON1.4 AUXR2.7 AUXR2.6 AUXR0.2 AUXR0.3 S0CON.1	10	PCA0	CF, CCFn (n=0~5)	CCON.7 CCON.5~0	10	System Flag	WDTF, BOF0, BOF1, RTCF, STAF, STOF, BM0F, BM1F, (TI0)	PCON1.0 PCON1.1 PCON1.2 PCON1.4 AUXR2.7 AUXR2.6 AUXR0.2 AUXR0.3 S0CON.1	10	System Flag	WDTF, BOF0, BOF1, RTCF, STAF, STOF, BM0F, BM1F, (TI0)	PCON1.0 PCON1.1 PCON1.2 PCON1.3 PCON1.4 PCON1.5 AUXR2.7 AUXR2.6 AUXR0.2 AUXR0.3 S0CON.1				
11	System Flag	WDTF, BOF1, BOF0	PCON1.0 PCON1.1 PCON1.2	11	System Flag	WDTF, BOF0, BOF1, RTCF, MCDF, STAF, STOF, (TI0)	PCON1.0 PCON1.1 PCON1.2 PCON1.4 PCON1.5 AUXR3.7 AUXR3.6 S0CON.1	11	System Flag	WDTF, BOF0, BOF1, RTCF, MCDF, STAF, STOF, (TI0)	PCON1.0 PCON1.1 PCON1.2 PCON1.4 PCON1.5 AUXR3.7 AUXR3.6 S0CON.1	11	Keypad Interrupt	KBIF	KBCON.0	11	System Flag	WDTF, BOF0, BOF1, RTCF, MCDF, STAF, STOF, BM0F, BM1F, (TI0)	PCON1.0 PCON1.1 PCON1.2 PCON1.4 PCON1.5 AUXR2.7 AUXR2.6 AUXR0.2 AUXR0.3 S0CON.1	11	Keypad Interrupt	KBIF	KBCON.0	11	Keypad Interrupt	KBIF	KBCON.0				
12	Serial Port 1	RI1, TI1	S1CON.0 S1CON.1	12	Serial Port 1	RI1, TI1	S1CON.0 S1CON.1	12	Serial Port 1	RI1, TI1	S1CON.0 S1CON.1	12	TWI0/I2C0	SI	SICON.3	12	Serial Port 1	RI1, TI1	S1CON.0 S1CON.1	12	TWI0/I2C0	SI	SICON.3	12	Serial Port 1	RI1, TI1	S1CON.0 S1CON.1				
13	Keypad Interrupt	KBIF	KBCON.0	13	Keypad Interrupt	KBIF	KBCON.0	13	Keypad Interrupt	KBIF	KBCON.0	13	Analog Comparator 0	AC0F	AC0CON.4	13	Keypad Interrupt	KBIF	KBCON.0	13	--	--	--	13	Analog Comparator 0	AC0F	AC0CON.4				
14	TWI0/I2C0	SI	SICON.3	14	TWI0/I2C0	SI	SICON.3	14	TWI0/I2C0	SI	SICON.3	14	TWI0/I2C0	SI	SICON.3	14	Serial Port 1	RI1, TI1	S1CON.0 S1CON.1	14	Serial Port 1	RI1, TI1	S1CON.0 S1CON.1	14	Serial Port 1	RI1, TI1	S1CON.0 S1CON.1				
15	Timer 3	TF3, EXF3	T3CON.7 T3CON.6	15	TWI1	SI	S1CON.3	15	Analog Comparator 0	AC0F	AC0CON.4	15	Analog Comparator 0	AC0F	AC0CON.4	15	--	--	--	15	External Interrupt 3, nINT3	IE3	XICON.5	15	External Interrupt 3, nINT3	IE3	XICON.5				
				16	Timer 3	TF3, EXF3, (TF3L)	T3CON.7 T3CON.6 T3CON.5	16	Timer 3	TF3, EXF3, (TF3L)	T3CON.7 T3CON.6 T3CON.5	16	Timer 3	TF3, EXF3, (TF3L)	T3CON.7 T3CON.6 T3CON.5	16	Timer 3	TF3, EXF3, (TF3L)	T3CON.7 T3CON.6 T3CON.5	16	Timer 3	TF3, EXF3, (TF3L)	T3CON.7 T3CON.6 T3CON.5	16	Timer 3	TF3, EXF3, (TF3L)	T3CON.7 T3CON.6 T3CON.5				
				17	Analog Comparator 1	AC1F	AC1CON.4	17	Analog Comparator 1	AC1F	AC1CON.4	17	Analog Comparator 1	AC1F	AC1CON.4	17	--	--	--	17	Analog Comparator 1	AC1F	AC1CON.4	17	Analog Comparator 1	AC1F	AC1CON.4				
				18	Serial Port 2	RI2, TI2	S2CON.0 S2CON.1	18	Serial Port 2	RI2, TI2	S2CON.0 S2CON.1	18	DMA	DCF0, TF5, TF6	DMACR0.0 T5CON.7 T6CON.7	18	DMA	DCF0, TF5, TF6	DMACR0.0 T5CON.7 T6CON.7	18	DMA	DCF0, TF5, TF6	DMACR0.0 T5CON.7 T6CON.7	18	DMA	DCF0, TF5, TF6	DMACR0.0 T5CON.7 T6CON.7				
				19	Timer 4	TF4, EXF4, (TF4L)	T4CON.7 T4CON.6 T4CON.5	19	Timer 4	TF4, EXF4, (TF4L)	T4CON.7 T4CON.6 T4CON.5	19	Analog Comparator 2	AC2F	AC2CON.4	19	Analog Comparator 2	AC2F	AC2CON.4	19	Analog Comparator 2	AC2F	AC2CON.4	19	Analog Comparator 2	AC2F	AC2CON.4				
				20	Serial Port 3	RI3, TI3	S3CON.0 S3CON.1	20	Serial Port 3	RI3, TI3	S3CON.0 S3CON.1	20	Serial Port 2	RI2, TI2	S2CON.0 S2CON.1	20	Serial Port 2	RI2, TI2	S2CON.0 S2CON.1	20	Serial Port 2	RI2, TI2	S2CON.0 S2CON.1	20	Serial Port 2	RI2, TI2	S2CON.0 S2CON.1				
				21	PCA1	C1F, C1CFn (n=0~5)	C1CON.7 C1CON.5~0	21	PCA1	C1F, C1CFn (n=0~5)	C1CON.7 C1CON.5~0	21	Timer 4	TF4, EXF4, (TF4L)	T4CON.7 T4CON.6 T4CON.5	21	Timer 4	TF4, EXF4, (TF4L)	T4CON.7 T4CON.6 T4CON.5	21	Timer 4	TF4, EXF4, (TF4L)	T4CON.7 T4CON.6 T4CON.5	21	Timer 4	TF4, EXF4, (TF4L)	T4CON.7 T4CON.6 T4CON.5				
				22	TWI1	SI	SI1CON.3	22	TWI1	SI	SI1CON.3	22	Serial Port 3	RI3, TI3	S3CON.0 S3CON.1	22	Serial Port 3	RI3, TI3	S3CON.0 S3CON.1	22	Serial Port 3	RI3, TI3	S3CON.0 S3CON.1	22	Serial Port 3	RI3, TI3	S3CON.0 S3CON.1				

	All series have the same value
	Interrupt number Group1
	Interrupt number Group2
	Independent Interrup number
Red	Bit Location different, need to watch on SFR Setting

	Space for line up
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23	Analog Comparator 2	AC2F	AC2CON.4
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23	TW11/I2C1	SI1	SI1CON.3
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