PIC33EP128GP502 Interrupt Vectors

The table below specifies the interrupt vectors for these 16-bit devices.

IRQ#	Primary Name	Alternate Name	Vector Function
N/A	_OscillatorFail	N/A	Oscillator Fail Trap vector
N/A	_AddressError	N/A	Address error Trap vector
N/A	_HardTrapError	N/A	Generic Hard Trap vector
N/A	_StackError	N/A	Stack Error Trap Vector
N/A	_MathError	N/A	Math Error Trap vector
N/A	_DMACError	N/A	DMAC Error Trap vector
N/A	_SoftTrapError	N/A	Generic Soft Trap vector
N/A	_ReservedTrap7	N/A	Resereved
0	_INT0Interrupt	N/A	External Interrupt 0
1	_IC1Interrupt	N/A	Input Compare 1
2	_OC1Interrupt	N/A	Output Compare 1
3	_T1Interrupt	N/A	Timer 1
4	_DMA0Interrupt	N/A	DMA Channel 0
5	_IC2Interrupt	N/A	Input Capture 2
6	_OC2Interrupt	N/A	Output Compare 2
7	_T2Interrupt	N/A	Timer 2
8	_T3Interrupt	N/A	Timer 3
9	_SPI1ErrInterrupt	N/A	SPI1 error
10	_SPI1Interrupt	N/A	SPI1 transfer done
11	_U1RXInterrupt	N/A	UART1 Receiver
12	_U1TXInterrupt	N/A	UART1 Transmitter
13	_AD1Interrupt	N/A	ADC1 Convert Done

14	_DMA1Interrupt	N/A	DMA Channel 1
16	_SI2C1Interrupt	N/A	I2C1 Slave Events
17	_MI2C1Interrupt	N/A	I2C1 Master Events
18	_CM1Interrupt	N/A	Analog Comparator Combined Interrupt
19	_CNInterrupt	N/A	Change Notification Interrupt
20	_INT1Interrupt	N/A	External Interrupt 1
24	_DMA2Interrupt	N/A	DMA Channel 2
25	_OC3Interrupt	N/A	Output Compare 3
26	_OC4Interrupt	N/A	Output Compare 4
27	_T4Interrupt	N/A	Timer 4
28	_T5Interrupt	N/A	Timer 5
29	_INT2Interrupt	N/A	External Interrupt 2
30	_U2RXInterrupt	N/A	UART2 Receiver
31	_U2TXInterrupt	N/A	UART2 Transmitter
32	_SPI2ErrInterrupt	N/A	SPI2 error
33	_SPI2Interrupt	N/A	SPI2 transfer done
34	_C1RxRdyInterrupt	N/A	ECAN1 Receive Data Ready
35	_C1Interrupt	N/A	ECAN1 Event
36	_DMA3Interrupt	N/A	DMA Channel 3
37	_IC3Interrupt	N/A	Input Capture 3
38	_IC4Interrupt	N/A	Input Capture 4
49	_SI2C2Interrupt	N/A	I2C2 Slave Events
50	_MI2C2Interrupt	N/A	I2C2 Master Events
65	_U1ErrInterrupt	N/A	UART1 Error
66	_U2ErrInterrupt	N/A	UART2 Error
67	_CRCInterrupt	N/A	CRC Generator Intrrupt

70	_C1TxReqInterrupt	N/A	ECAN1 Transmit Data Request
77	_CTMUInterrupt	N/A	CTMU Interrupt
142	_ICDInterrupt	N/A	ICD Application
143	_JTAGInterrupt	N/A	JTAG Programming
145	_PTGSTEPInterrupt	N/A	PTG STEP EVENT
146	_PTGWDTInterrupt	N/A	PTG Watchdog Time Out
147	_PTG0Interrupt	N/A	PTG Interrupt 0
148	_PTG1Interrupt	N/A	PTG Interrupt 1
149	_PTG2Interrupt	N/A	PTG Interrupt 2
150	_PTG3Interrupt	N/A	PTG Interrupt 3