

〈표 1.5.1〉 ATmega128의 리셋 및 인터럽트 벡터

벡터 번호 (우선순위)	벡터 번지	인터럽트 소스	인터럽트 발생 조건
0	0x0000	리셋	External Pin, Power-on Reset, Brown-out Reset, Watchdog Reset, and JTAG AVR Reset
1	0x0002	INT0	External Interrupt Request 0
2	0x0004	INT1	External Interrupt Request 1
3	0x0006	INT2	External Interrupt Request 2
4	0x0008	INT3	External Interrupt Request 3
5	0x000A	INT4	External Interrupt Request 4
6	0x000C	INT5	External Interrupt Request 5
7	0x000E	INT6	External Interrupt Request 6
8	0x0010	INT7	External Interrupt Request 7
9	0x0012	TIMER2 COMP	Timer/Counter2 Compare Match
10	0x0014	TIMER2 OVF	Timer/Counter2 Overflow
11	0x0016	TIMER1 CAPT	Timer/Counter1 Capture Event
12	0x0018	TIMER1 COMPA	Timer/Counter1 Compare Match A
13	0x001A	TIMER1 COMPB	Timer/Counter1 Compare Match B
14	0x001C	TIMER1 OVF	Timer/Counter1 Overflow
15	0x001E	TIMER0 COMP	Timer/Counter0 Compare Match
16	0x0020	TIMER0 OVF	Timer/Counter0 Overflow
17	0x0022	SPI	SPI Serial Transfer Complete
18	0x0024	USART0 RXC	USART0 Rx Complete
19	0x0026	USART0 UDRE	USART0 Data Register Empty
20	0x0028	USART0 TXC	USART0 Tx Complete
21	0x002A	ADC	ADC Conversion Complete
22	0x002C	EE READY	EEPROM Ready *
23	0x002E	ANALOG COMP	Analog Comparator
24	0x0030	TIMER1 COMPC	Timer/Counter1 Compare Match C
25	0x0032	TIMER3 CAPT	Timer/Counter3 Capture Event
26	0x0034	TIMER3 COMPA	Timer/Counter3 Compare Match A
27	0x0036	TIMER3 COMPB	Timer/Counter3 Compare Match B
28	0x0038	TIMER3 COMPC	Timer/Counter3 Compare Match C
29	0x003A	TIMER3 OVF	Timer/Counter3 Overflow
30	0x003C	USART1 RXC	USART1 Rx Complete
31	0x003E	USART1 UDRE	USART1 Data Register Empty
32	0x0040	USART1 TXC	USART1 Tx Complete
33	0x0042	TWI	Two-wire Serial Interface
34	0x0044	SPM READY	Store Program Memory Ready *

- 1) ATmega103 호환모드에서는 인터럽트 벡터 24~34가 사용되지 않음.
 2) *표시는 인터럽트 플래그 비트를 가지고 있지 않는 종류의 인터럽트임.