Interrupts and Interrupt Vector

- 28 Interrupt sources
- Programmable starting address vector

LGT8F88P / 168P / 328P The interruption is basically the same resources, the main difference is: LGT8F88P The interrupt vector is 1 Instruction Word (16 Bit), and LGT8F168P / 328P The interrupt vector is 2 Instructions.

LGT8F88P Interrupt vector list

LGT8F88P Interrupt vector list:

Numbering	Vector address	Interrupt source signals	Interrupt Source Description
1	0x0000	RESET	External reset, power-on reset, a watchdog reset, SWD Debug reset, low voltage reset
2	0x0001	INT0	External Interrupt Request 0
3	0x0002	INT1	External Interrupt Request 1
4	0x0003	PCI0	Interrupt pin level 0
5	0x0004	PCI1	Interrupt pin level 1
6	0x0005	PCI2	Interrupt pin level 2
7	0x0006	WDT	Watchdog overflow interrupt
8	0x0007	TC2 COMPA	Timer 2 Compare match A Interrupt
9	0x0008	TC2 COMPB	Timer 2 Compare match B Interrupt
10	0x0009	TC2 OVF	Timer 2 Overflow
11	0x000A	TC1 CAPT	Timer 1 Input Capture interrupt
12	0x000B	TC1 COMPA	Timer 1 Compare match A Interrupt
13	0x000C	TC1 COMPB	Timer 1 Compare match B Interrupt
14	0x000D	TC1 OVF	Timer 1 Overflow
15	0x000E	TC0 COMPA	Timer 0 Compare match A Interrupt
16	0x000F	TC0 COMPB	Timer 0 Compare match B Interrupt
17	0x0010	TC0 OVF	Timer 0 Overflow
18	0x0011	SPI STC	SPI Serial transfer end interrupt
19	0x0012	USART RXC	USART RX Complete
20	0x0013	USART UDRE	USART Data Register Empty
twenty one	0x0014	USART TXC	USART End of Transmit Interrupt
twenty two	0x0015	ADC	ADC Conversion end interrupt
twenty three	0x0016	EE_RDY	EEPROM Ready interrupt
twenty four	0x0017	ANA_COMP	Analog comparator 0 Interrupt
25	0x0018	TWI	Two-wire serial interface interrupt
26	0x0019	ANA_COMP1	Analog comparator 1 Interrupt
27	0x001A	-	Retention
28	0x001B	PCI3	Interrupt pin level 3
29	0x001C	PCI4	Interrupt pin level 4
30	0x001D	TC3_INT	Timer 3 Interrupt