

STM32 IRQ

Categories **PC1**

System Core

- SDRAM
- CORTEX_M7
- DMA
- QSPI
- WWDG
- GPIO**
- ADC
- USART
- SYNTH
- SWD
- VSPI/SPI2

Analogs

Timers

Connectivity

Multimedia

Security

Computing

Middleware and Software Packs

Trace and Debug

Power and Thermal

Configuration

Group By Peripherals

Search Signals

Search (Ctrl+F) Show only Modified Pins

Pin	Group	Pin Core	Direction	Level	Output	Inv. pull	Level	Input	Inv. pull	Level	Output	Inv. pull	Level	Input	Inv. pull	Level
PE0	in	in	Line	Output	No pull	Low	in	in	No pull	Low	Line	No pull	Low	in	No pull	Low
PE1	in	in	Line	Output	No pull	Low	in	in	No pull	Low	Line	No pull	Low	in	No pull	Low
PE2	in	in	Line	External	No pull	High	in	in	No pull	High	Line	No pull	High	in	No pull	High
PE3	in	in	Line	Output	No pull	Low	in	in	No pull	Low	Line	No pull	Low	in	No pull	Low
PE4	in	in	Line	Output	No pull	Low	in	in	No pull	Low	Line	No pull	Low	in	No pull	Low
PE5	in	in	Line	External	No pull	High	in	in	No pull	High	Line	No pull	High	in	No pull	High
PE6	in	in	Line	Output	No pull	Low	in	in	No pull	Low	Line	No pull	Low	in	No pull	Low
PE7	in	in	Line	External	No pull	High	in	in	No pull	High	Line	No pull	High	in	No pull	High

PC1 Configuration

GPIO mode External Interrupt Mode with Falling edge trigger detection

GPIO Pull-up/Pull-down Not setting (Default)

User Label BT1

Project & Configuration **PC1**

Categories **PC1**

System Core

- SDRAM
- CORTEX_M7
- DMA
- QSPI
- WWDG
- GPIO**
- ADC
- USART
- SYNTH
- SWD
- VSPI/SPI2

Analogs

Timers

Connectivity

Multimedia

Security

Computing

Middleware and Software Packs

Trace and Debug

Power and Thermal

Clock Configuration

Software Packs

Project Manager

HALC Mode and Configuration

Configuration

IRQs Code generation

Priority Group Sort by Peripheral Priority and Sub Priority Sort by interrupt names

Search Show available interrupts Force DMA channel Interrupts

IRQ	Handler	Description Priority	Sub Priority
Non-maskable interrupt	HAL_NVIC_NMI_IRQHandler	0	0
Hard fault interrupt	HAL_NVIC_HFx_IRQHandler	0	0
Memory management fault	HAL_NVIC_MemoryManagementFault_IRQHandler	0	0
Pre-fetch fault, memory access fault	HAL_NVIC_PrefetchFault_IRQHandler	0	0
undefined instruction or illegal state	HAL_NVIC_InstructionFault_IRQHandler	0	0
System service call via SVC instruction	HAL_NVIC_SVC_IRQHandler	0	0
Debug monitor	HAL_NVIC_DMB_IRQHandler	0	0
Possible request for system service	HAL_NVIC_SystemService_IRQHandler	0	0
Time base, System tick timer	HAL_NVIC_SystemTick_IRQHandler	0	0
PVD and AWD interrupt through EXTI line 16	HAL_NVIC_PVD_IRQHandler	0	0
Flash global interrupt	HAL_NVIC_FLASH_IRQHandler	0	0
RCC global interrupt	HAL_NVIC_RCC_IRQHandler	0	0
ADC1 and ADC2 global interrupt	HAL_NVIC_ADC_IRQHandler	0	0
EXTI line[15:1] interrupt	HAL_NVIC_EXTI_IRQHandler	0	0
USART1 interrupt	HAL_NVIC_USART1_IRQHandler	0	0
EXTI line[10:1] interrupt	HAL_NVIC_EXTI_IRQHandler	0	0
Bluetooth interrupt	HAL_NVIC_BT_IRQHandler	0	0
Ethernet wake-up interrupt through EXTI line 86	HAL_NVIC_Ethernet_IRQHandler	0	0
FPU global interrupt	HAL_NVIC_FPU_IRQHandler	0	0
USB On The Go FS End Point 1 Out global interrupt	HAL_NVIC_USBFS_EP1_IRQHandler	0	0
USB On The Go FS global interrupt	HAL_NVIC_USBFS_IRQHandler	0	0
RS232H global interrupt	HAL_NVIC_RS232H_IRQHandler	0	0

/* USER CODE BEGIN 4 */

```
void HAL_GPIO_EXTI_Callback(uint16_t GPIO_Pin)
{
}
```

```
// ici code pour l'Irq
HAL_GPIO_TogglePin(LD99_GPIO_Port, LD99_Pin);
}
/* USER CODE END 4 */
```