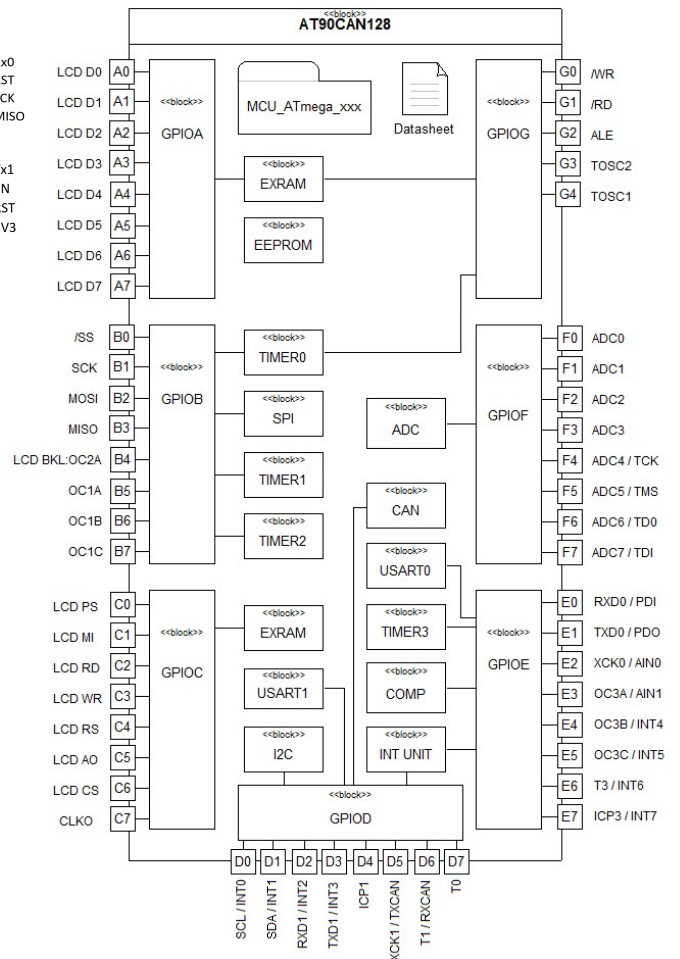
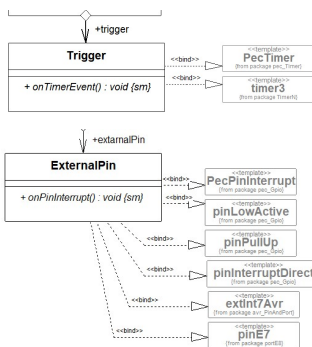


**Interruptquellen / interrupt sources:**

- 1 RESET, WDT, BROWN OUT
- 2 INT0, ISR(INT0\_vect)
- 3 INT1, ISR(INT1\_vect)
- 4 INT2, ISR(INT2\_vect)
- 5 INT3, ISR(INT3\_vect)
- 6 INT4, ISR(INT4\_vect)
- 7 INT5, ISR(INT5\_vect)
- 8 INT6, ISR(INT6\_vect)
- 9 INT7, ISR(INT7\_vect)
- 10 TIMER2, ISR(TIMER2\_COMP\_vect)
- 11 TIMER2, ISR(TIMER2\_OVF\_vect)
- 12 TIMER1, ISR(TIMER1\_CAPT\_vect)
- 13 TIMER1, ISR(TIMER1\_COMPA\_vect)
- 14 TIMER1, ISR(TIMER1\_COMPB\_vect)
- 15 TIMER1, ISR(TIMER1\_COMPC\_vect)
- 16 TIMER1, ISR(TIMER1\_OVF\_vect)
- 17 TIMER0, ISR(TIMER0\_COMP\_vect)
- 18 TIMER0, ISR(TIMER0\_OVF\_vect)
- 19 CAN, ISR(CANIT\_vect)
- 20 CAN, ISR(OVRIT\_vect)
- 21 SPI, ISR(SPI\_STC\_vect)
- 22 USART0, ISR(USART0\_RX\_vect)
- 23 USART0, ISR(USART0\_UDRE\_vect)
- 24 USART0, ISR(USART0\_TX\_vect)
- 25 ACOMP, ISR(ANALOG\_COMP\_vect)
- 26 ADC, ISR(ADC\_vect)
- 27 EEP, ISR(EE\_READY\_vect)
- 28 TIMER3, ISR(TIMER3\_CAPT\_vect)
- 29 TIMER3, ISR(TIMER3\_COMPA\_vect)
- 30 TIMER3, ISR(TIMER3\_COMPB\_vect)
- 31 TIMER3, ISR(TIMER3\_COMPC\_vect)
- 32 TIMER3, ISR(TIMER3\_OVF\_vect)
- 33 USART1, ISR(USART1\_RX\_vect)
- 34 USART1, ISR(USART1\_UDRE\_vect)
- 35 USART1, ISR(USART1\_TX\_vect)
- 36 TWI/I2C, ISR(TWI\_vect)
- 37 SPM, ISR(SPM\_READY\_vect)

**Beispiele / examples:**



# Kurzübersicht / short overview UML / C++ PEC Portable Embedded Framework (Beispiele / Examples)

class: myAVR\_XXL\_Example

```

void Controller::onStart () {
153 // boot sequence after start sysTick
154 terminal.writeString("\nSTART myAVR XXL");
155 display.clear();
156 display.setPos(8,8);
157 display.write("Hello myAVR XXLLight");
158 display.line(8,16,100,8);
159
}
                
```

