

I2C can be controlled via:

- optical link (active low: light = logical low)
- USB (usb-i2c bridge)
- PMOD connector (fpga development board)

I/O voltage from 0.5 - 5.5V

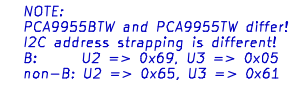
Power is always supplied from USB connector.

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Power Budget [mA]:
 PCA9617 max. 3.0, typ 1.7
 74LVC07 max. 0.01 typ 0.0
 MCP2221A max. 15.0 typ 13.0
 PCA9955B max. 19.0 typ 15.0 (* 2)
 LEDs (10k REXT) 5.7375*30
 I2C pullups max. 6.9, typ 6.25
 HFBR25x max. 10, typ 6.2 (*2)
 HFBR15x max. 43, typ. 37.3 (*2)

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