D5 = OmA (Button) D5 = OmA (2 LEDs) Reset = ? FET_P Q1 U2 100nF HM-11 . change to 300ohms 4mA for Yellow, Red change to 240ohms @2.5mA per LED ×14 PI02 RESET_N LED D1 U4 ×13 PI03 ATMEGA328_28MLF 180 TPS61097A-33 VATUART_RTS
VATUART_CTS
VATUART_CTS PIO1_LED 19 PCO_(A0) PC2_(A2) O_{SW1}O 180 11 PB1_(9) NO PWM × 6 NC × 7 NC × 8 NC × 10 NC LED PB6/XTAL_(N.A) 10 PB0_(8) PIOO_KEY W_PUSH_LED UART_Rx PD7_(7) UART_Tx PD6_(6) -O_{SW2}O-PD4_(4) NO PWM PB7/XTAL_(N.A) 20 PC1_(A1) SW_PUSH_LEC 23 PC4/SDA_(C4) R9 330 24 PC5/SCL_(C5) LED D3 PB2_(10) can PWM 3.5mA for LEDs Vred_or_green = 2v @5mA If I=3.5mA: R=V/I=1.3/3.5mA= 375ohms 25 PC6/RESET_(N.A) 15 PB5/SCK_(13) 13 PB3/MOSI_(11) R11 330 BT1 LED D5 14 PB4/MISO_(12) HIMPER BATTERY 1 2 D6 JP1 PD5_(5) can PWM L3GD20H LED ____1k 5 CS RESV PC3_(A3) -0_{SW3}0-I2C_Test_Conn PD2/INTO_(2) × 6 INT2 R13 270 SW_PUSH_LED PD3/INT1_(3) SCL 3 GND • 11 RESV \(\frac{1}{2} \) \(\frac{1}{ 10 RESV 9 RESV D_EN can PWM FTDI_BREAKOUT U3 GND/Cap SDO S CTS 3.3v RXD 4 Tx0 TXD RxI × 6 DTR MOSI 10 +3.3v TXD MISO Rx RXD BT+ SCK GND GND 6 10k CARD-EDGE_CONN_FRONT CARD-EDGE_CONN_BACK Sheet: / File: GyroBLE2.sch Title: Size: A4 Date: 20 jul 2015 Rev: KiCad E.D.A. eeschema (2013-10-07 BZR 4378)-stable ld: 1/1

XTAL2 = OmA (ON/OFF switch)