



tBeagle VDD_5V 3P3V VDD_5V VDD_3P3V CLICK0 CLICK1 VOUT VOUT P2_09 P2_11 P1_28 P1_26 I2C1.SCL P2 11 I2C2.SDA I2C1.SDA P2_07 P2_05 UART4.TX UART4.RX UART0.TX UART0.RX P1_08 P1_12 P1_10 P1_06 P2 29 P2 25 P2 27 P2 31 P1_08 SPI1.CLK SPI0.CLK P1 12 P1 10 P1 06 SPI0.MOSI SPI1.MOSI SPI0.MISO SPI0.CS SPI1.MISO SPI1.CS AIN5(3.3V)GPIO86 P2_35 GPIO26 P1_34 GPIO45 P2_33 P1_02 P2 35 AIN6(3.3V)GPIO87 P1_02 P2_03 GPIO23 P1_04 GPIO89 P1_04 P2_33 P1_36 P1_36 P2 01 P2_01 BU77FR PWM1A P1 22 P1 16 GND GND BLUE LE **SYS Pocket** P2_26 RESET# Beagle P2<u>12</u> P2_12 PWR.BTN P1_01 **GPIO** P1_20 P2_19 P2_24 P2_22 P2_18 P2_10 BAT.VIN P2 19 P2 24 P2 22 P2 18 P2_16 P2_16 BAT.TEMP GPIO27 GPIO44 VDD_5V GPIO46 GPIO47 USB1 P2 18 P2 10 P2 06 P2 04 P2 02 P2 08 P2 20 P2 17 P1 03 P1 05 P1 07 P1 09 P1 11 GPIO52 GPIO57 DRVVBUS P1_05 P1_07 P1_09 P1_11 P1_13 P2_10 P2_06 P2_04 P2_02 P2_08 P2_20 P2_17 **VBUS** COLOR BUTTON USB1.VIN GPIO58 RESET_BUTTON USB1.D-USB1.D+ GPIO59 GPIO60 **Button** VDD_3P3V P1 13 P1 15 USB1.ID GND GPIO64 GPIO65 DD_1P8V VDD_3P3V **ANALOG PRU** P1_33 P2_32 P2_30 P1_31 P2_34 P2_28 P1 33 P2 32 P2 30 P1 31 P2 34 P2 28 P1 29 P1 35 P1_18 P1_17 P1_19 GREEN LED AIN.VREF+ PRU0.1 P1 17 P1 19 AIN.VREF-AIN0(1.8V) PRU0.2 PRU0.3 R2 1k ENTIOMETER RESET BUTTON P1_19 P1_21 P1_23 P1_25 P1_27 P2_36 PRU0.4 PRU0.5 AIN1(1.8V) Change Default AIN2(1.8V) Pinmux to GPIO RIGHT BUTTON AIN3(1.8V) PRU0.6 PUSH AIN4(1.8V) PRU0.7 AIN7(1.8V) PRU1.10 PUSH_BUTTON POCKETBEAGLE GND GND GND nicals VDD 5V Ō R5 VBUS USB1 DM **/** DM DP USB1_DP 0.1 GND GND SHIELD 292303-1 GND GND CGND

