## WIFI Kit 32 V2 Pinout Diagram Pins with this arrow are used by on-board OLED, they must not be used GND for other purpose unless you know what you are doing! Power Control Notes: \* GPIO input only and Touch Pin \* ADC preamplifier GPIOs are 3.3V tolerant only! GPIO Port pin Analog Pin GND ¬∕- DAC 3V3 Vext Serial SPI I2C RST Physical Pin Power ADC2 4 TPUCH4 GPI013 On-board CLX3 GPI01 UO\_TXD **Detection** hardware Pin TOUCH5 ADC2\_5 **GPI012** CLX2 GPI03 UO\_RXD TOUCH6 ADC2 6 GPI014 **GPI015** ADC2\_3 HSPI\_CSO Touch3 OLED\_SCL **GPI027** TOUCH7 ADC2\_7 CS GPI02 ADC2\_2 HSPI WP Touch2 DAC1 ADC2 9 **GPI026** CLK1 GPI00 ADC2\_1 Button Touch1 GPI025 ADC2\_8 LED DAC2 HSPI\_HD GPI04 ADC2 0 **OLED SDA** Touch0 GPI033\* XTAL32 Touch8 ADC1 5 OLED\_RST GPI016 U2\_RXD ADC1 4 GPI032\* XTAL32 Touch9 **GPI017** U2\_TXD **GPI035**\* ADC1 7 GPI05 V\_SPI\_CSO ADC1\_6 **GPI034**\* 34 - V\_SPI\_CLK SCK **GPI018 GPI039**\* Sensvn ADC1 3\* **GPI023** V\_SPI\_D MOSI ADC1 2\* GPI038\* 0 CapVN 19 **MISO GPI019** V\_SPI\_Q UO CTS ADC1 1\* **GPI037\*** CapVP V\_SPI\_WP SCL **GPI022** UO\_RTS 0 - GPI036\* - Sensevp -- V\_SPI\_HD - Vext control GPI021 SDA