**RTK**

RTK **(TX)** -------------------------------------------------------------------------- **(P9\_11)** (**RX**) Uart4

RTK **(GND)** ----------------------------------------------------------------------- **(P9\_45)** (**GND**)

RTK **(GND)** ----------------------------------------------------------------------- **(P9\_46)** (**GND**)

RTK **(5V\_I)** ----------------------------------------------------------------------- **(P9\_07)** (**+5V SYS**)

**LORA E61**

E61 (**RX**) -------------------------------------------------------------------------- **(P8\_37)** (**TX**) Uart5

E61 (**TX**) -------------------------------------------------------------------------- **(P8\_38)** (**RX**) Uart5

E61\_**M0** ------------------------------------------------------------------------ **(P8\_13)** GPIO23

E61\_**M1** ------------------------------------------------------------------------- **(P8\_14)** GPIO26

E61\_**AUX** ------------------------------------------------------------------------ **(P8\_17)** GPIO27

E61\_**GND** ------------------------------------------------------------------------ **(P8\_02)** **GND**

E61 **(VCC)** ------------------------------------------------------------------------- **(P9\_08)** (**+5V SYS**)

**LORA E70**

E70 (**RX**) (**23**) ------------------------------------------------------------------------ **(P9\_21)** (**TX**) Uart2

E70 (**TX**) (**24**) ------------------------------------------------------------------------- **(P9\_22)** (**RX**) Uart2

E70\_**M0** (**17**) ----------------------------------------------------------------------- **(P9\_17)** GPIO4

E70\_**M1** (**18**) ------------------------------------------------------------------------ **(P9\_18)** GPIO5

E70\_**AUX** (**25**) -------------------------------------------------------------------- **(P8\_18)** GPIO65

E70**\_VCC (3rd in line of 12-18 from 18)** ------------------------------------- USB\_To\_UART (VCC) connected USB

E70\_**GND** (1st in line of 12-18 from 18) --------------------------------------- **(P9\_01)** **GND**

**LEDs**

**MQTT** INDICATION\_LED -------------------------------------------------------------- **(P8\_08)** **GPIO67**

**RTK** INDICATION\_LED ----------------------------------------------------------------- **(P8\_11)** **GPIO45**

**E\_61** INITIALIZAION\_LED ------------------------------------------------------------- **(P8\_19)** **GPIO22**

**E\_61** INDICATION\_LED ---------------------------------------------------------------- **(P8\_12)** **GPIO44**

**E\_70** INITIALIZAION\_LED ------------------------------------------------------------- **(P8\_26) GPIO61**

**E\_70** INDICATION\_LED ---------------------------------------------------------------- **(P8\_07)** **GPIO66**

**P9 P8**

