

Operation Principle

Multi-function GPS Portable Navigation Device-PA05

1. BlueTooth
 - a. BC04 ROM
 - b. Communication interface: UART
 - c. Frequency: 2.402-2.480GHz ISM band
 - d. 26MHz crystal
 - e. Power supply:3.3V
 - f. Built-in high-performance 2.4GHz chip antennas.
2. GPS
 - a. 32-channel GPS baseband with hardware match filter
 - b. Operating Frequency: 1575.42MHz
 - c. 16.367667MHz/+/-0.5PPM crystal
 - d. Power supply:3.3V
 - e. Built-in passive ceramic antenna
3. FM Transmit
 - a. 88.1MHz to 107.9MHz full band tuning in
 - b. 50/100/200 kHz step sizes
 - c. 50/75us pre-emphasis
 - d. I2C interface
 - e. Power supply:3.3V
4. AVIN
 - a. CVBS video signal input
 - b. 27MHz/+/-30PPM crystal
 - c. I2C interface
 - d. Power supply:3.3V