

FCC ID: RS6BT-4A-CK-CKS

Model:BT-4A

OPERATION THEORY

- 1. Charging:** DC I/P from DC Jack through D3 to charge Battery and diode D2 will be ON.
- 2. Switch:** Press SW1 to ON/OFF headset and paring.
Press SW2 & SW3 to volume down & up.
- 3. Receiver:** The Antena receives the Audio signal from the cellphone process the signal and send it to MC145483 by the PINS of PCMCLK, PCMIN, PCMSYNC, & PCMOOUT.
- 4. Transmited:** The MC145483 gets the signal from the MIC. And transfer it to digital by analog-to-digital converter. After this process send the signal to BLUTOOTH MODULE by PCMCLK, PCMIN, PCMSYNS, PCMOOUT and transmit to cellphone via antena.

Model: BT-CK

OPERATION THEORY

- 1. STEP DOWN:** U2 is a step down curcuit process the I/P voltage to 5V.
U1 is a voltage regulator the output Vcc is 8V.
- 2. SIGNAL PROCESSOR:** U8 is a pre-Amplifier to process the Audio signal and the send it to U4(audio amplifier) to driver the speaker.
The volume is adjustable by VR1.