

## Operation description

DC12 & 24V from car power supply for EUT and through DC/DC chip lower the output voltage DC 5V for iPhone\iPod charging, another side through LDO isolate and output power voltage with 3.3V for FM Transmitter circuit ; Audio signal is produced from FM Transmitter chip by internal IC dimensional sound of modulate circuit, phase-locked loop and a high frequency oscillating circuit. Press the button and through MCU to set the frequency.

1. Working voltage: DC 12V-24V
2. Output frequency : 88.1MHz~107.9MHz
3. The sound channel is separated degree: 42dB
4. Frequency Response : 25 ~ 15000Hz
5. THD :  $\leq 0.1\%$  ( F=75KHz , f=1KHz )
6. S/N :  $\geq 60\text{dB}$  ( 1KHz 100% )
7. Audio IN: ipod connectors、 3.5jack Working temperature: -15°C-50°C