# The Operating Guider of SP100(TA25) Remote Control

#### **DESCRIPTION:**

This device is to transmit code, When click one button, a group of codes are modulated to be 433.92MHz frequency ASK radio, then send out by built-in PCB antenna.

#### IC WORKING MANNER OF REMOTE CONTROL





FIG1 Encode IC eV1527 FIG2 Remote Control

As shown in FIG: Keys (K0, K1, K2, K3) link corresponding buttons of remote control (FIG2), when press one button, the button swtiches DC power on, then encode IC outputs a group of built-in fixed codes (same 20-digit address codes and different data 4-digit codes) via RF transmitting circuit to emanate. When release the button, DC power swtich off, RF transmitting circuit stops sending.

The use method of remote control's all buttons is same.

### **Electrical Characteristic**:

DC Supply Voltage (VDD)	12 volt
Maximum Transmitting Power	$\leq 10 \mathrm{mW}$
Operating Current:	$\leq 10 \text{mA}$
Standby Current	0mA
Operating Frequency	433.92MHz

### **Operating Coditions:**

Storage Temperature Range	-40°C (−104°F) ~+100°C (−212°F)
Operating Temperature Range:	$-20^{\circ}C(-68^{\circ}F) \sim +85^{\circ}C(+185^{\circ}F)$
Operating Humidity Range	25% ~95%

## **SP100 Button's Definitions**

- First button: Define: LOCK, press once, arm the system; car finding
- Second button 🛞 Define: UNLOCK, press once, unlock and disarm
- Third button: 🖤 Arm the system without chirp (mute mode).
- Forth button:  $\triangle$  Trunk Release. Press once, release the trunk.