



GENERAL DESCRIPTION

The SM5025A/B is an infrared remote control encoder LSI utilizing CMOS technology.

The transmission code consists of "leader pulse", "16 bit customer code", and "16 bit data code". Using Micro-processors for decoder, various applications can be realized.

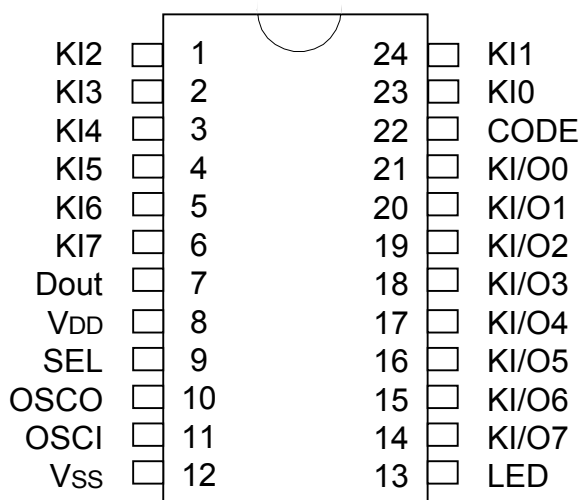
APPLICATIONS

1. Audio Remote Control
2. Video Remote Control
3. Consumer Product Remote Control

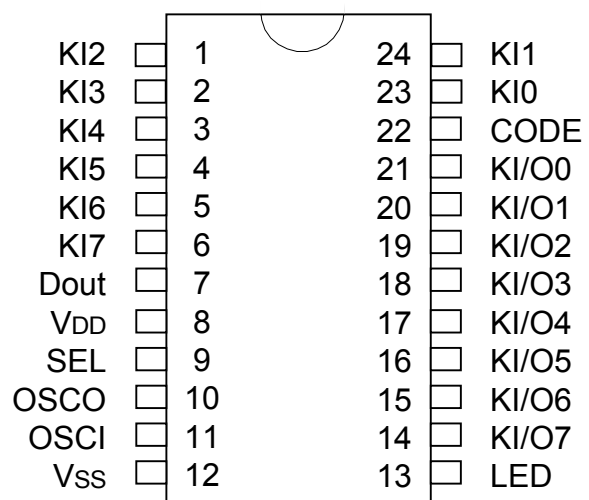
FEATURE

- * Low voltage operation $V_{DD} = 2.0$ to $3.3V$
- * Low power consumption $I_{DD} < 1 \mu A$ at standby mode
- * 64 function keys and 3 double action keys
- * 128 + 6 function codes are available. (Using SEL terminal)
- * 65536 customer codes can be selected. (Using external R, Diode-SM5025A or internal MASK ROM-SM5025IRB)
- * 24pin SOP or DIP

PIN ASSIGNMENTS



24 PIN DIP IN 300MIL



24 PIN SOP IN 300MIL