

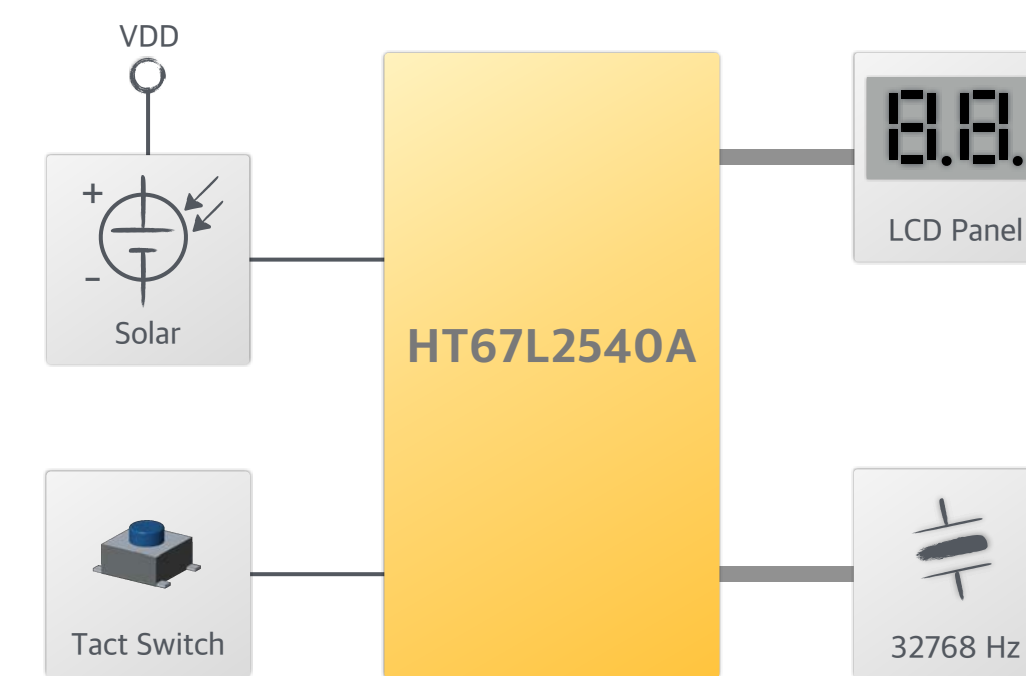
# Solar-powered LCD Display

## HT67L2540A

### Characteristics

- Low power/high accuracy LIRC and LXT, standby current consumption:  $<1\mu\text{A}@3\text{V}$
- LIRC/LXT (32.768kHz) operating current :  $<4\mu\text{A} @3\text{V}$
- 4 frequency level MIRC: 64/128/256/512kHz, applicable to power saving products
- Low power SAR ADC, conversion current:  $<60\mu\text{A}@3\text{V}$ , ADC=100kHz
- $\pm 2^\circ\text{C}$  temperature sensor for temperature detection
- H/W LCD driver, up to 96 pixels

### Block Diagram



### Applications

Billboards, low power calculators and green energy LCD monitoring systems

