



# LVDS Transmitter



Terrain Family : THine

LVDS Transmitter

## General Description

Tablet, Notebook PC      PC가

LVDS      가      IC가

THine      Terrain

1080p/WUXGA

THC63LVDM87      827      28bits

CMOS/TTL      LVDS

THine      mixed-signal

## Features

- Single Pixel Link LVDS Transmitter
  - Part Number : THC63LVDM87
  - Resolution : up to 1280x800 (WXGA)
  - Color Depth : 24bit color
  - Package : 5 x 5mm 49pin VFBGA
  - Power Consumption : 43mW\_typical@1.8V
- Dual Pixel Link LVDS Transmitter
  - Part Number : THC63LVDM827
  - Resolution : up to 1920x1200 (WUXGA)
  - Color Depth : 24bit color
  - Package : 7 x 7mm 72pin VFBGA
  - Power Consumption : 83mW\_typical@1.8V

## Applications

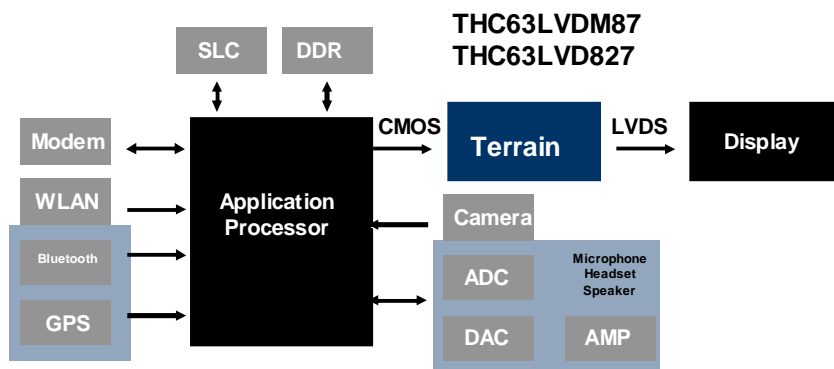
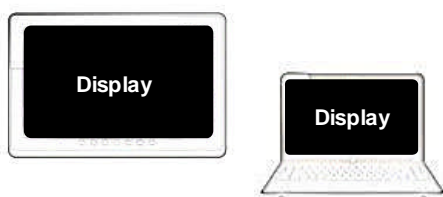
Tablet PC  
 Notebook PC  
 Digital single-lens reflex (SLR) camera

•LVDS swing is reducible by RS mode to reduce EMI and power consumption.

# LVDS interface IC for mobile display

## Block Diagram

Tablet & Notebook PC



Digital single-lens reflex camera

