



Gigabit Video Interface - CXB1457R -

Key benefits

- 1chip transmitter for serial transmission of 24-bit colour EGA / VGA / WVGA / SVGA picture
- On-chip PLL synthesizer
- On-chip different cable driver
- CMOS logic interface
- Low power consumption

Applications

- Car navigation system
- In-car entertainment system

Description

The CXB1457R is a transmitter chip for data transmission based on GVIF (Gigabit Video Interface) technology. This IC supports 24-bit colour data transmission with EGA / VGA / WVGA / SVGA resolution.

The CXB1457R GVIF transmitter is applied to the digital RGB signal transmitter for car navigation system etc. with the CXB1458R GVIF receiver.

Block Diagram

