

IP Phone/IP Video Phone Reference Designs

- IPVP6446 IP Video Phone Reference Design
- ADT LC IP Phone Reference Design

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IPVP6446 IP Video Phone Reference Design

Ittiam's IP Video Phone (IPVP) reference design offers high quality full-duplex voice and voice communication over broadband networks for 2 or more participants. It is targeted at video phones and conferencing applications that require either a stand alone solution or one integrated into a larger system, e.g. IP set-top-boxes / home gateways. IPVP6446, based on Texas Instruments TMD320DM6446™ is designed to simplify product development by offering a collection of hardware and software elements, form factor board, BSP and standards compatible video phone software media engine that can help OEMs/ODMs quickly bring high performance appliances to the emerging video telephony market.

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ADT LC IP Phone Reference Design

The low cost IP Phone (LC IPP) Reference Design is a complete, fully tested, IP Phone design that enables OEMs to build an IP Phone. The LC IPP has been jointly designed and developed by Texas Instruments (TI) and Adaptive Digital Technologies, Inc. (Adaptive Digital). The Adaptive Digital Software is a complete SIP phone application, including call control, protocol stack (SIP, TCP/UDP/IP, RTP, STUN), G.711, G.729AB, acoustic echo control, tone handling and AGC.

The TNETV2502 IP Phone Reference Design allows suppliers to move to a single processor DSP based solution for under £60 with no licence fees or royalties for the base configuration. Customisation is available from Adaptive Digital to support manufacturers specific needs such as Line Echo Cancellation, Call Hold, Call Forwarding, Three Way Calling, etc.

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