APIX® 2

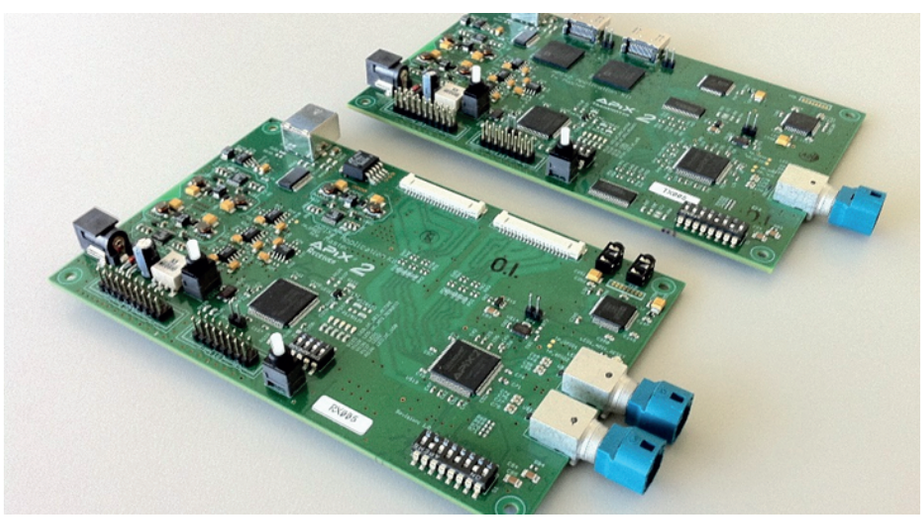
CONNECTIVITY FOR AUTOMOTIVE LIGHT AND VISION

INAP375T, INAP375R

APIX2 Demonstration Kit

FEATURES

- HD 720p video resolution
- Two independent video streams
- Full duplex data communication
- CRC protected data transfer (AShell)
- Ethernet support
- Daisy chaining support
- Power over APIX



APPLICATIONS

- Central Information Displays
- Instrument Clusters
- Rear-Seat Infotainment Systems
- Head-Up Displays
- Lane Departure Warning
- Occupancy Detection
- Sign Recognition Camera
- Blind Spot Detection
- Round View Systems
- Rear View Camera

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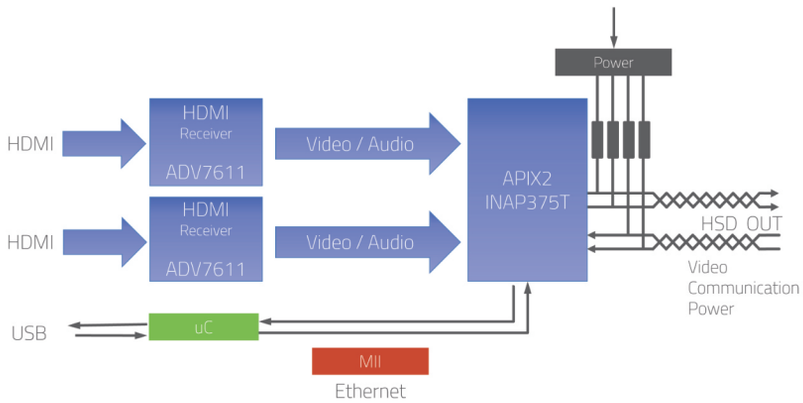
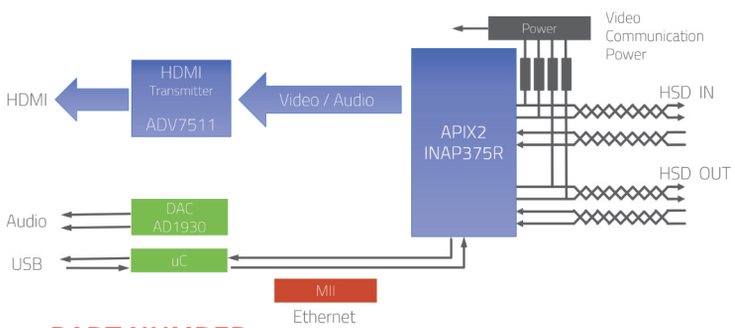
TRANSMITTER BOARD

- Video Resolution: up to 720p and 1600 × 600 Automotive Display
- Video Interfaces: 2 × HDMI/DVI
- USB interface to PC
- HSD Connector



PART NUMBER: APIX2_ADK_TX



PART NUMBER:
APIX2_ADK_RX_HDMI
APIX2_ADK_RX (2 x LVDS OUTPUT)

RECEIVER BOARD

- Video Resolutions: up to 720p and 1600 × 600 Automotive Display
- Video Interfaces: 1 × HDMI or optional
- 2 × open LDI/LVDS
- USB Interface to PC
- HSD Connector
- Daisy Chain Support
- Prepared for Power over APIX Link (PoA)

ETHERNET BOARD

- Extender with 100Mbit Port switch and 2 RJ45 Ethernet Connectors
  PART NUMBER: APIX2_ADK_ETH

I/O EXTENDER BOARD

- Extender with PIN Headers for full access to INAP375x devices
  PART NUMBER:
  APIX2_ADK_TX_EXT
  APIX2_ADK_RX_EXT

SET CONTENT

- Transmitter or Receiver Board
- Power Supply, 5 m STP cable (HSD)
- 2 m USB cable
- Schematics, Layout, Documentation
- APICO Software

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