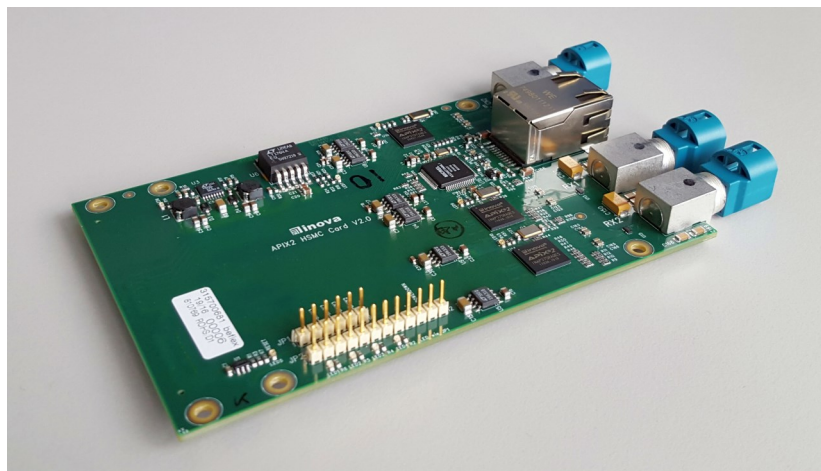


APIX2 High Speed Mezzanine Card for Intel Cyclone V FPGA Boards

FEATURES

- Two INAP375RAQ APIX2 receivers for up to 4 remote camera video stream inputs
- INAP375TAQ APIX2 transmitter to output merged 720p HD video to remote display
- APIX2 serial links at 3 Gbps in automotive environment
- 100 Mbit/s full duplex Ethernet data communication over APIX2 links
- RJ45 connector and 100 Mbit/s Ethernet switch for additional IP camera integration
- HSMC I/F to Intel Cyclone V dev kit
- Link configuration and video processing on Cyclone V FPGA
- Power over APIX for remote cameras



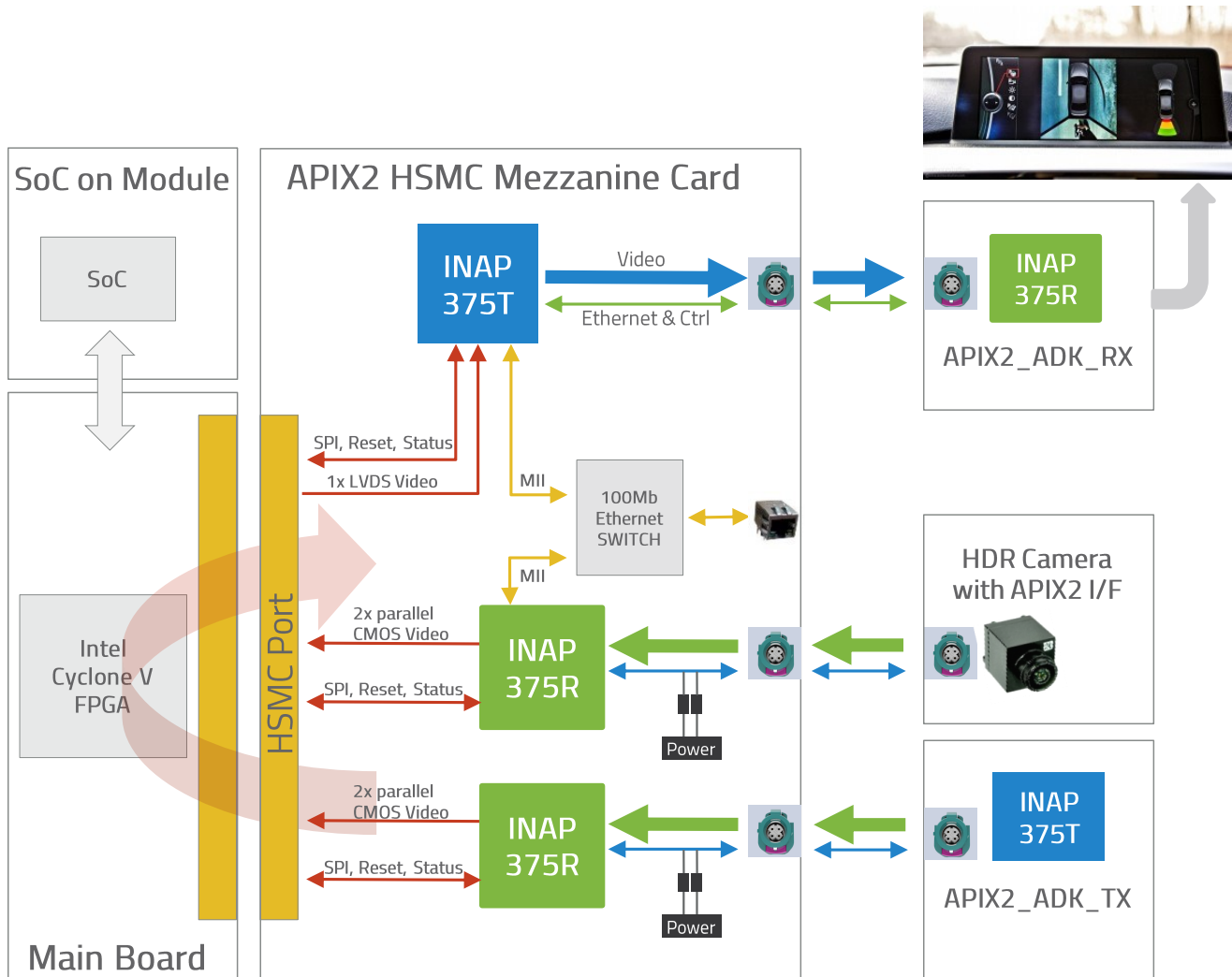
APPLICATIONS

- Automotive Cameras
- Advanced Driver Assistance Systems (ADAS)
- Infotainment Systems
- Central Information Displays
- Head Units
- Sign Recognition Camera
- Round View Systems
- Lane departure warning systems
- Mirror Replacement



FAST DATA TRANSMISSION FOR INFOTAINMENT AND ADVANCED DRIVER ASSISTANCE SYSTEM

SPEED UP YOUR DATA.



Application Example

TOOLS

- INAP375R development kit
Part Number: APIX2_ADK_RX
- INAP375T development kit
Part Number: APIX2_ADK_TX
- HDR Camera with APIX2 I/F
For reference please contact Inova

ORDERING INFORMATION

- APIX2 HSMC Mezzanine Card
Part Number: ADK_HSMC

DOWNLOAD

- <http://inova-semiconductors.de/en/products/tools/hsmc.html>

FAST DATA TRANSMISSION FOR INFOTAINMENT AND ADVANCED DRIVER ASSISTANCE SYSTEM