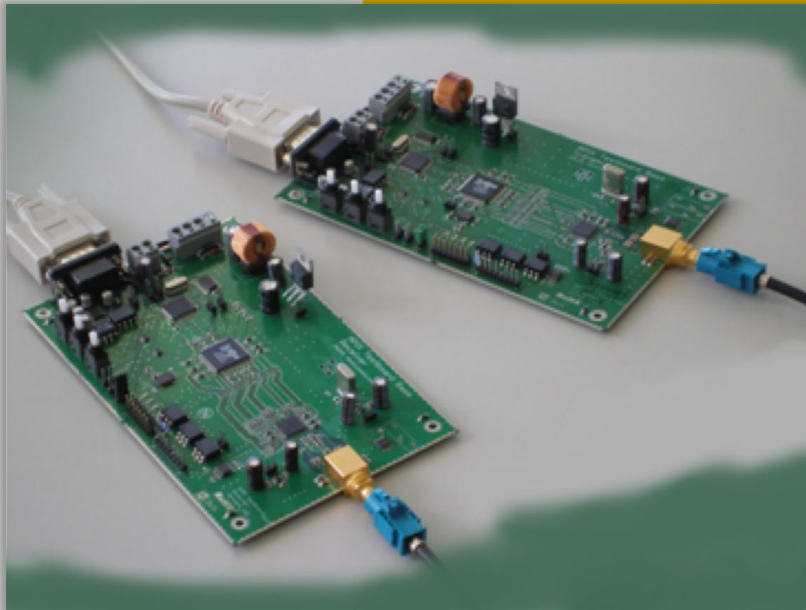




# APIX® Automotive Evaluation Kit



## APIX Evaluation Kit for harsh Automotive compliant environment.

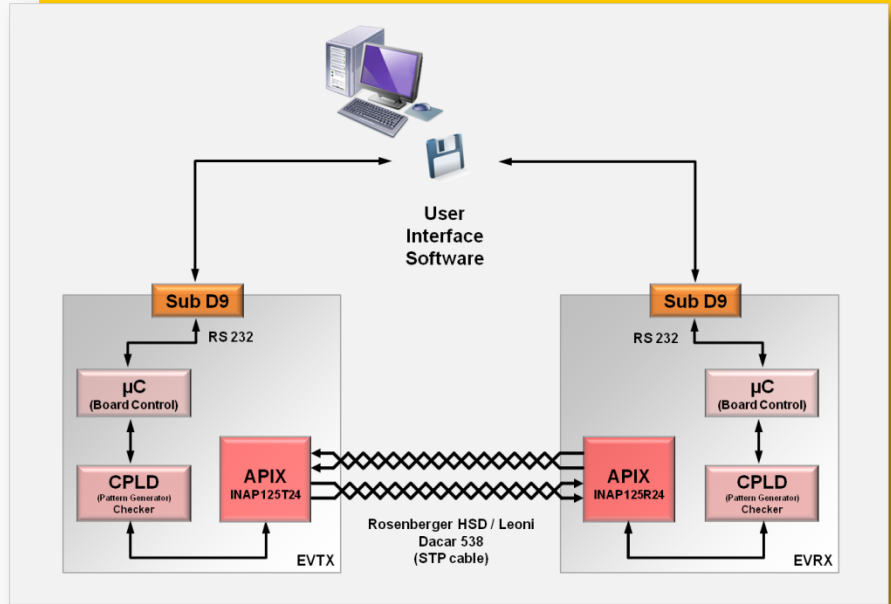
- Convenient control of all APIX configuration vectors
- Graphical User Interface for control of all Software features of APIX and the Kit
- Access to all board functions via RS232
- Real-time video data test pattern generation and verification
- Real-time side-band data test pattern generation and verification
- Automatic bit error testing to verify and optimize physical layer settings
- Control of the physical layer settings such as amplitude and pre-emphasis
- Access to the APIX parallel pixel interface via ribbon cable connectors
- APIX configuration via EEPROM
- EEPROM programming support via PC and  $\mu$ C
- Automotive standardized HSD cables/connectors



## Technical Details

### Feature Set of Boards

- 4 pin Automotive HSD connector for Video and Full Duplex Communication Channel
- RS232 interface for APIX and board control from PC
- Video Resolutions up to SVGA
- Multipurpose pushbuttons and control LEDs
- EMI compliant base design
- Single Power Supply +5V
- 160 mm x 99 mm



## APIX Applications

- Central Information Displays
- Automotive Dashboards
- Rear-Seat Infotainment Systems
- Head-Up Displays
- Lane Departure Warning Camera
- Occupancy Detection
- Sign Recognition Camera
- Blind Spot Detection
- Round view systems
- Rear View Camera

## Set content:

- Transmitter and Receiver Board
- Power supply (wall plug)
- Software on CD
- 5m HSD cable (Rosenberger/Leoni)
- Schematics & Layout Documentation

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