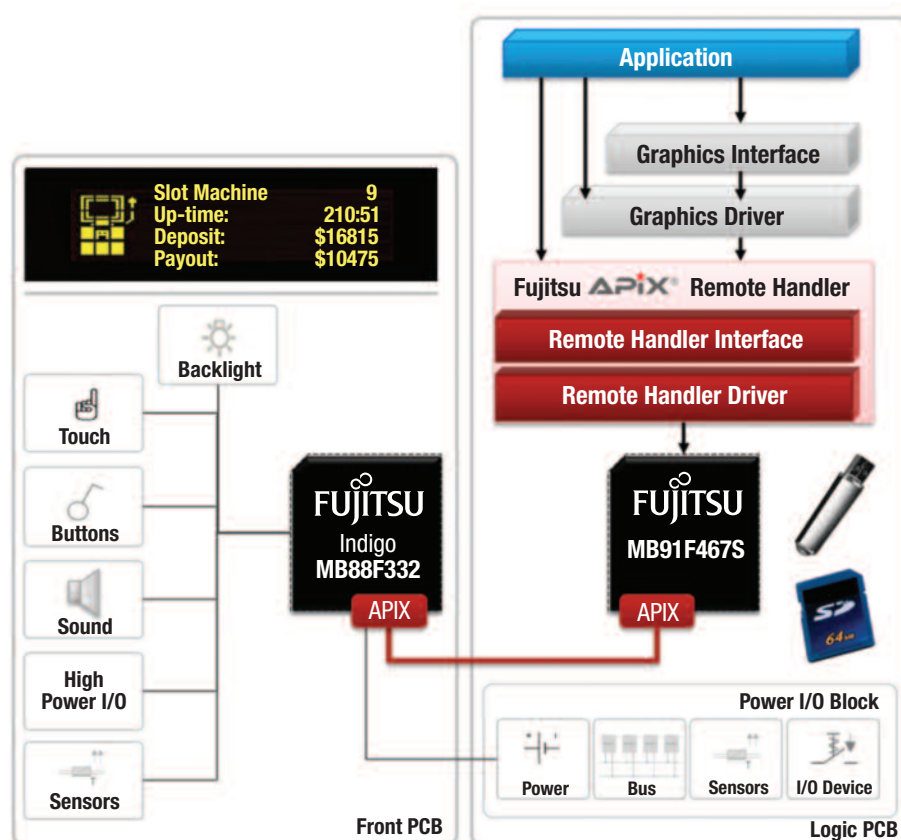FUJITSU

Fujitsu APIX® Remote Handler - Light Remote access via the high-speed Pixel Link (APIX®)

APIX System Block diagram

Features

- APIX® Remote Handler includes a complete Driver and Interface
- The function set provided by the Remote Handler interface, enables conventional peripheral drivers to wrap local register accesses to remote communication accesses
- Support of read and write transfers to and from remote memory locations
- Read and write accesses in blocks as well as single byte, half-word and word data widths are supported
- Transfers are supported in synchronous communication mode
- Remote event handling to react to interrupts from remote peripherals
- Bulk read and write accesses is supported (DMA included)
- A configuration concept is used for interface and driver to provide a way to flexibly adjust system settings
- Support of error-handling
- Softune Workbench samples are available for immediate and smooth start-up

Description

Fujitsu has equipped its 32-bit FR MCU within the MB91460S series, with the APIX® serial interface. The APIX® interface is uniquely designed by Inova Semiconductors and is licensed in order to add an innovative serial interface for driver displays to Fujitsu's product portfolio.
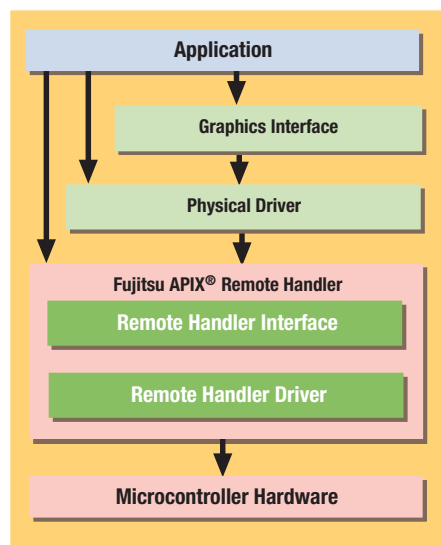
Fujitsu additionally equipped the APIX® interface with unique and powerful hardware acceleration for the secure handling and control of the remote peripheral hardware.

The bi-directional communication allows high speed uni-directional pixel data downstream and a bi-directional data stream for remote peripheral control.

Fujitsu now offers the perfectly cast-on APIX® remote handler software, which enables the customer to use the Fujitsu APIX® hardware acceleration to its full extent. Without any further software development, an immediate ramp-up and fast start-up with this next-generation interface is possible.

APIX®

www.inova-semiconductors.de

Fujitsu APIX - Remote Handler Software

Order Name	Description
SW-ARH-DRV-LT-91460-E01E	APIX® Remote Handler – Light – MB91460S Evaluation Licence
SW-ARH-DRV-LT-91460-E01T	APIX® Remote Handler – Light – MB91460S Prototype-Licence for SW-development
SW-ARH-DRV-LT-91460-E01S	APIX® Remote Handler – Light – MB91460S Series-Production-Licence

Applications

■ Industrial
- Automation
- Vending
- Digital signage
- White goods, medical
- Gaming
- Scales
- Inspection cameras

Software Package Content

Fujitsu APIX® Remote Handler (Light) software

■ APIX® Remote Handler interface
■ APIX® Remote Handler driver
■ Documentation (API and functional description)
■ Softune Workbench samples to demonstrate features and usage

Supported Devices

32-bit FR MCUs within MB91460S series

Availability

Available now

Ordering Information

Fujitsu APIX® Remote Handler (Light) Software