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リアテック信号処理

LYRIO-VIM Adapter Board

GENERAL DESCRIPTION

The LYRIO-VIM™ Adapter board is used to interface the LYRIO mezzanine leaders on the newly designed QuadC6x to legacy mezzanine standard VIM-2. It serves also to interconnect Lyrtech GPIO modules. The GPIO can also be used as a custom digital input/output connector.

The use of the VIM and GPIO-60 is mutually exclusive on each node.

FEATURES

Connected to the two (2) LYRIO Mezzanine Connectors of the Lyrtech QuadC6x, it gives :

- Two (2) VIM-2 Sites
- Two (2) Lyrtech's GPIO-60 Connectors

SPECIFICATIONS

VIM-2 Interface

- Supports two VIM-2 Modules
- Each node has its own FIFO Bus mapped
- Nodes Asynchronous Bus and McBSP are multiplexed with the GPIO connectors
- Each node has all their McBSP signals mapped on the LYRIO connector

GPIO Interface

- Each GPIO-60 is multiplexed with the VIM asynchronous bus.

OPTIONS

VIM-2 Mezzanine

- Lyrtech's modules
 - ADACMasterI
 - Quad AES/EBU
 - Digital I/O
- Others
 - Others VIM-2 I/O modules

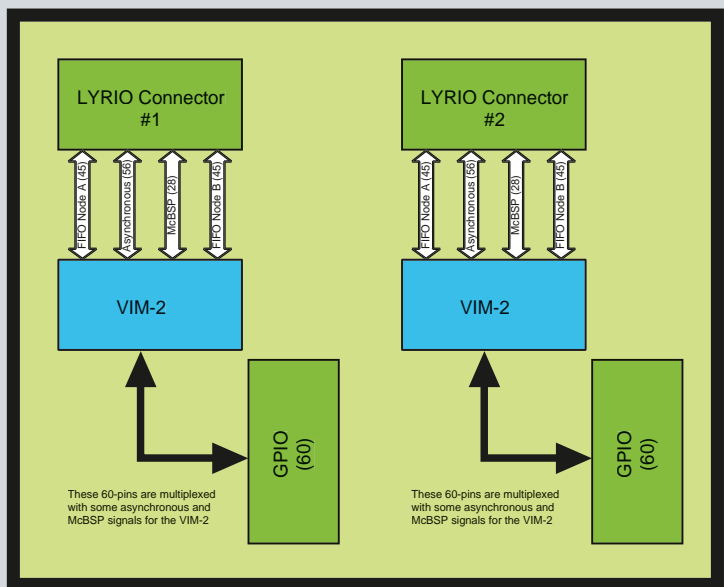
GPIO-60

- Lyrtech's modules
 - GPIOVideo
 - GPIO-AES/EBU
- Others

POTENTIAL APPLICATIONS

- Wireless, base station prototyping
- Telecommunication/telephony
- Multimedia product using voice/data/fax processing
- Videoconferencing, Video processing
- Industrial control

BLOCK DIAGRAM



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ABOUT US

Lyrtech has established a 20 years leadership expertise in designing systems based on Digital Signal Processing (DSP) technology. This technology is used in wireless and VoIP telecommunications, audio and video signal processing, industrial, automotive, defense and aerospace electronic systems as well as electro-optics.

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