

IQMDDA

ASI Distribution Amplifier

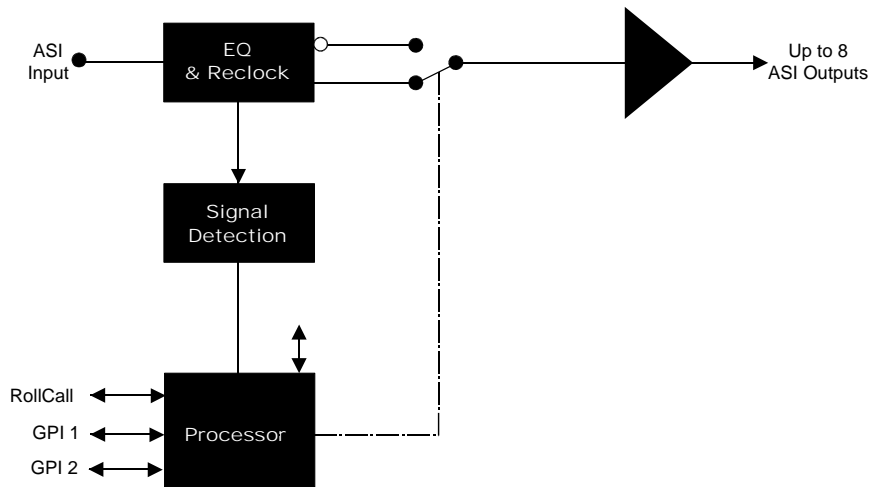
The IQMDDA is an ASI distribution amplifier, which provides up to 8 equalized and reclocked outputs.

Does this module suit your application?

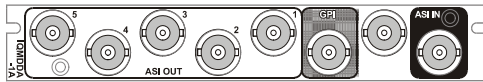
- ASI Distribution amplifier with up to 8 outputs
- Equalized and transformer coupled input
- Selectable true or inverted data polarity
- Reclocked and transformer coupled outputs
- RollCall remote control
- Monitoring of data presence
- 2 Configurable GPI ports

Why should you choose this module?

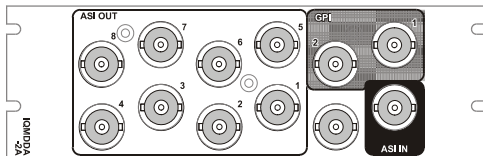
- ASI Distribution amplifier with up to 8 outputs
- Selectable true or inverted data polarity, useful when polarity sensitive ASI data has passed through SDI equipment
- 2 GPI ports which may be configured to switch data polarity or report input loss
- RollCall remote control & logging



Order codes for IQH3A/1A enclosures

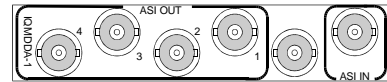


IQMDDA-1A ASI Distribution Amplifier. 5 outputs. Transformer coupled.

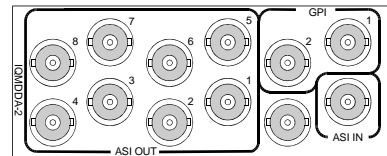


IQMDDA-2A ASI Distribution Amplifier. 8 outputs. Transformer coupled.

Order codes for other enclosures



IQMDDA-1 ASI Distribution Amplifier. 4 outputs. Transformer coupled.



IQMDDA-2 ASI Distribution Amplifier. 8 outputs. Transformer coupled.

For more details on enclosure types please refer to the Frames/Enclosures section

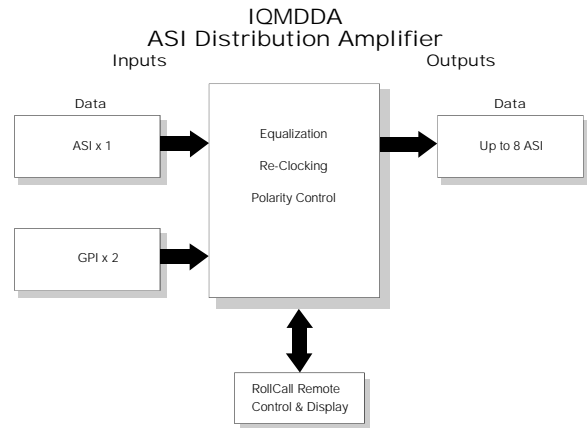
IQMDDA

ASI Distribution Amplifier

Inputs & Outputs

Signal Inputs

Data ASI (270 MBit/s)
Standards..... DVB-ASI, ETR290
GPI 1 (Double width only) Configurable as:
1) Data polarity switch input - Closing contact
2) Loss of data warning
GPI 2 Configurable as:
1) Data polarity switch input - Closing contact
2) Loss of data warning



Signal Outputs

Serial Data..... Up to 8 ASI (270 MBit/s)
Standards..... DVB-ASI, ETR290

Card Edge & RollCall Controls

Card Edge Controls (also available via RollCall)

Data Invert..... On/Off

Indicators

Power OK..... Green LED
Signal Presence..... Yellow LED
Signal Inverted Yellow LED

Signal not Inverted Yellow LED

Functions Available via RollCall™ Only

Log data presence..... On/Off
GPI Configuration Input/ Output
GPI Sense Inverted/ Non-inverted
Labeling of Input Up to 8 ASCII characters

Specifications

Serial Input Return Loss..... Better than -15 dB to 270 MHz
Maximum Input Cable Length
>100 m (PSF1/2 or equiv. cable)
Signal Output Level 800 mV ±10%

Output Return Loss Better than -15 dB to 270 MHz
Output Jitter < 0.2 UI

Power Consumption

Module Power Consumption 6.6 W max