

“In today’s fast-paced, market, Digital television is a new way to broadcast the future. Digital Set Top Boxes have become a key component allowing people to access many services offered by the cable operator”

MULTIPLEXER+SCRAMBLER+QAM MODULATOR

AD 2708/S/Q Multiplexer + Scrambler + QAM Modulator

.AD-2708/SQ Multiplexer + Scrambler + QAM Modulator

AD-2708/SQ Re-multiplexer + Scrambler + QAM Modulator support from 2 to 8 channels of MPEG-2 TS encoding signal. The outputs can support a mix signal channel with multi-program TS. The input and output interface adopt standard ASI for DVB. The AD-2708/SQ Re-multiplexer + Scrambler can be used in HFC net, MMDS or 8GHz microwave system, and even connected with SDH. Not only the digital TV signals, but also signals of digital data broadcast and Internet etc. can be multiplexed according to the DVB standard. QAM Modulator converts input data streams into Radio Frequency (RF) signals. It supports 8 MHz and 6 MHz bandwidth. The converted RF signal is mixed with other relevant analog signals or QAM signals for

Features

- Multiplex 2 to 8 channels input (ASI) SPTS or MPTS, multilevel multiplexing is available.
- Input data bit rate: 216Mbps (max)/channel.
- Output bit rate: 2Mbps~120Mbps(tunable), valid bit rate is up to 120Mbps
- PID filtering and PID re-setting, operator could add or delete the programs as they want, and mapping the PID of selected program automatically. Support user- defined program's PID and directly input through channel.
- Ethernet interface, it could carry out the parameters setup and supervision from remote via network management unit.
- Statistic multiplexing
- High accuracy PCR correction
- Insert network parameters and change program name
- MPTS automatic analysis
- Statistic input/output program bit rate
- Null packet automatic stuffing and output bit rate invariableness
- 188 and 204 packet auto-identify
- Output TS packet is optional (188 and 204)
- E3/DS3/SPI interface (optional)
- Failure alarming
- LCD display to carry out system status supervision and system parameters settings
- Power off memory

WE IDENTIFY THE BEST
TECHNOLOGIES TO FIT YOUR
GOALS AND BUDGET.
WE THEN ENSURE THOSE
TECHNOLOGIES CONTINUE TO
WORK WELL INTO THE FUTURE.

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Technical specification

Standard

DVB standard

Data input interface

Input interface: 8 channels DVB -ASI BNC
interface 75Ω
TS standard: ISO13818-1

Data output interface

Output interface: DVB ASI BNC interface 75Ω
Output valid bit rate: 2Mbps~120Mbps
E3/DS3 interface (optional)
Bit rate: E3 34.368Mbps
Ds3 44.736Mbps

Network interface

Interface: Ethernet RJ-45

Physical characteristics

Dimension: 44.5mm (1U)*483mm*(19")*400mm
Weight: 4kg

Power supply

AC100-220V+10 - 50/60Hz -20W

Working Temperature

Operation: 0 – 40C°
Storage: -20 - 80 C°



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Digital