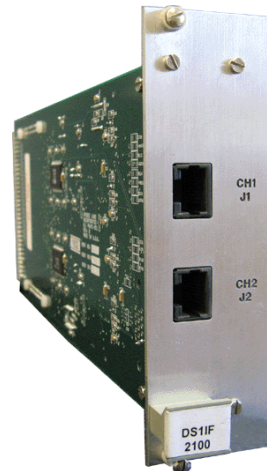




2100 DS1IF MODULE



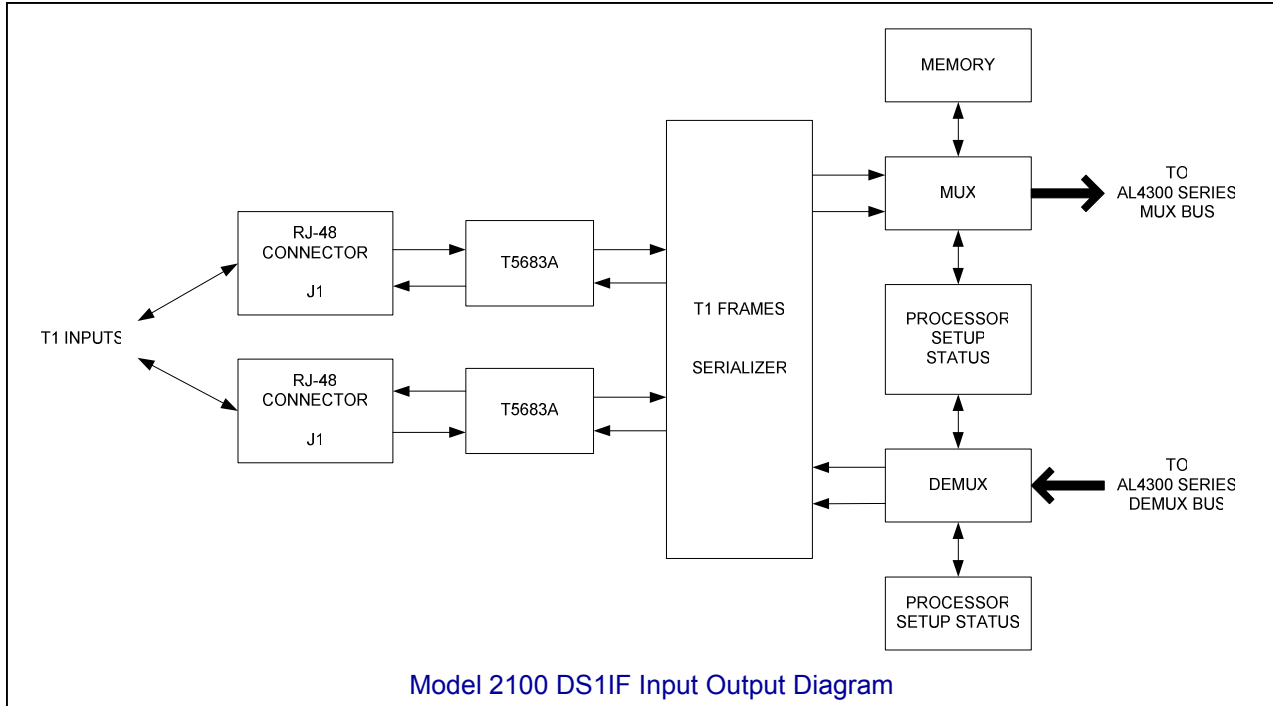
FEATURES

- 2 Independent duplex T1 channels**
- D4, ESF and other formats supported**
- 1.544 Mbps operation rate at 1 or 10 ms sample interval**
- Standard RJ-48 connector**
- Programmable channel ID tags**
- 2-Slot Module**

OVERVIEW

The DS1IF plug-in module is a full-duplex T1 interface solution. It accepts T1 data, buffers it and formats it into Source Packet data units that are available over the Mux Bus back plane for inclusion into the AL4300 series composite output stream. It can also reconstruct the T1 stream from the demultiplexed data stream. The DS1IF module does this in a fashion that produces synchronous serial output with the data time-aligned with other serial output channels. Multiple DS1IF modules may reside in an AL4300 series unit, each implementing two independent full-duplex channels.

The DS1IF plug-in module is a two slot-wide AL4300 series compatible card. Two RJ-48 input connectors allow for two independent simplex or duplex T1 data channels. No operator intervention is required to operate the DS1IF after the initial setup of the Channel ID tag and mode, using the front panel or remote control interface.



SPECIFICATIONS

Number of Channels

-4 independent (2 input, 2 output)

Serial Input

-T1 (all framing types)
 -RJ-48 connector with standard pinout

Channel ID

-11 bit programmable value