

Q: How are the HILEVEL drivers and receivers connected?

The Pin Electronics "Front End"

The diagram below illustrates the internal connections between the drivers, receivers and programmable loads on ETS800 series pin electronics cards. The nomenclatures are:

DRIVER

V_H - Driver Logic Hi
 V_L - Driver Logic Lo
 Disable - TriState driver
 STIM Data - DUT Stimulus

RECEIVER

Receive Data - DUT output
 V_{THhi} - High Compare Threshold
 V_{THlo} - Low Compare Threshold

PROGRAMMABLE LOAD

I_{OH} - "Hi" load current
 I_{OL} - "Lo" load current
 V_{COMM} - Commutation Voltage

