DVI & HDMI Test Adapter Set

These set are used by the test for DVI/HDMI, and the following thing is contained in it.

⚠️ **CAUTION.** To avoid personal injury, be careful to the tip of the pin.
Support a board while you connect it to the device.

- **DVI TPA-R test adapter set:** 013-A014-50
  - DVI TPA-R TDR: 2 ea
  - DVI TPA-R DI: 1 ea
  - DVI TPA-R SE: 1 ea

- **HDMI TPA-P test adapter set:** 013-A013-50
  - HDMI TPA-P TDR: 1 ea
  - HDMI TPA-P DI: 1 ea
  - HDMI TPA-P SE: 1 ea

- **HDMI TPA-R test adapter set:** 013-A012-50
  - HDMI TPA-R TDR: 2 ea
  - HDMI TPA-R DI: 1 ea
  - HDMI TPA-R SE: 1 ea
This adapter is used to change the output of the signal generator into DVI or used to measure DVI cable impedance with digital sampling oscilloscope.

- **J10**: DVI receptacle connector
- **J20 to J27**: T.M.D.S signal input or output.
- **J30**: Control signal monitor
- **J50 to J51**: Impedance validation connector
This adapter is used to terminate DVI signal and pick up with differential probe connected to oscilloscope.

- **J10**: DVI receptacle connector
- **J20, J22, J24, J26**: Header pin for differential probe
- **J21, J23, J25, J27**: GND terminal
- **J30**: Control signal monitor terminal
- **J40**: VCC(3.3V) input terminal
- **J50, J51**: Impedance validation connector
- **J55**: Test signal monitor terminal
- **J56**: GND terminal
This adapter is used to terminate DVI signal and pick up with single-ended probe connected to oscilloscope.

J10: DVI receptacle connector
J20 to J27: Header pin for single-ended probe
J30: Control signal monitor terminal
J40: VCC(3.3V) input
J50: Impedance validation connector
J51: Test signal monitor terminal
This adapter is used to change the output of the signal generator into HDMI. Signal from Data Generator is connected to test system without HDMI cable influence.

- **J10:** HDMI plug connector
- **J20 to J27:** T.M.D.S signal input or output.
- **J30:** Control signal monitor
- **J50 to J51:** Impedance validation connector
This adapter is used to terminate HDMI signal and pick up with differential probe connected to oscilloscope.

- **J10**: HDMI plug connector
- **J20, J22, J24, J26**: Header pin for differential probe
- **J21, J23, J25, J27**: GND terminal
- **J30**: Control signal monitor terminal
- **J40**: VCC(3.3V) input terminal
- **J50, J51**: Impedance validation connector.
- **J55**: Test signal monitor terminal
- **J56**: GND terminal
HDMI TPA-P SE board

This adapter is used to terminate HDMI signal and pick up with single-ended probe connected to oscilloscope.

- **J10:** HDMI plug connector
- **J20 to J27:** Header pin for single-ended probe
- **J30:** Control signal monitor terminal
- **J40:** VCC(3.3V) input
- **J50:** Impedance validation connector
- **J55:** Test signal monitor terminal
HDMI TPA-R TDR board

This adapter is used to change the output of the signal generator into HDMI or used to measure HDMI cable impedance with digital sampling oscilloscope.

- **J10:** HDMI receptacle connector
- **J20 to J27:** T.M.D.S signal input or output.
- **J30:** Control signal monitor
- **J50 to J51:** Impedance validation connector
HDMI TPA-R DI board

This adapter is used to terminate HDMI signal and pick up with differential probe connected to oscilloscope.

- J10: HDMI receptacle connector
- J20, J22, J24, J26: Header pin for differential probe
- J21, J23, J25, J27: GND terminal
- J30: Control signal monitor terminal
- J40: VCC(3.3V) input terminal
- J50, J51: Impedance validation connector
- J55: Test signal monitor terminal
- J56: GND terminal
This adapter is used to terminate HDMI signal and pick up with single-ended probe connected to oscilloscope.

J10: HDMI receptacle connector
J20 to J27: Header pin for single-ended probe
J30: Control signal monitor terminal
J40: VCC(3.3V) input
J50: Impedance validation connector
J51: Test signal monitor terminal