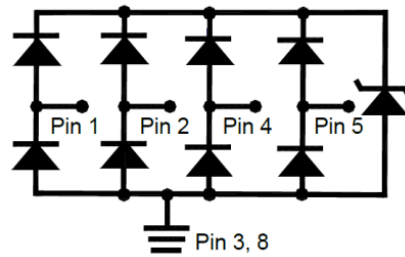
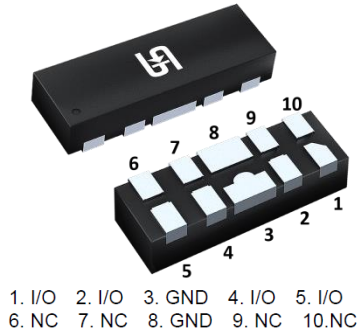


TESD5V0V4UA

4-Line ESD protection Diode Array for high-speed data

2510P10 (DSON10)



TSC introduces the new ultra low capacitance ESD protection devices designed to protect high speed data interfaces.

Features:

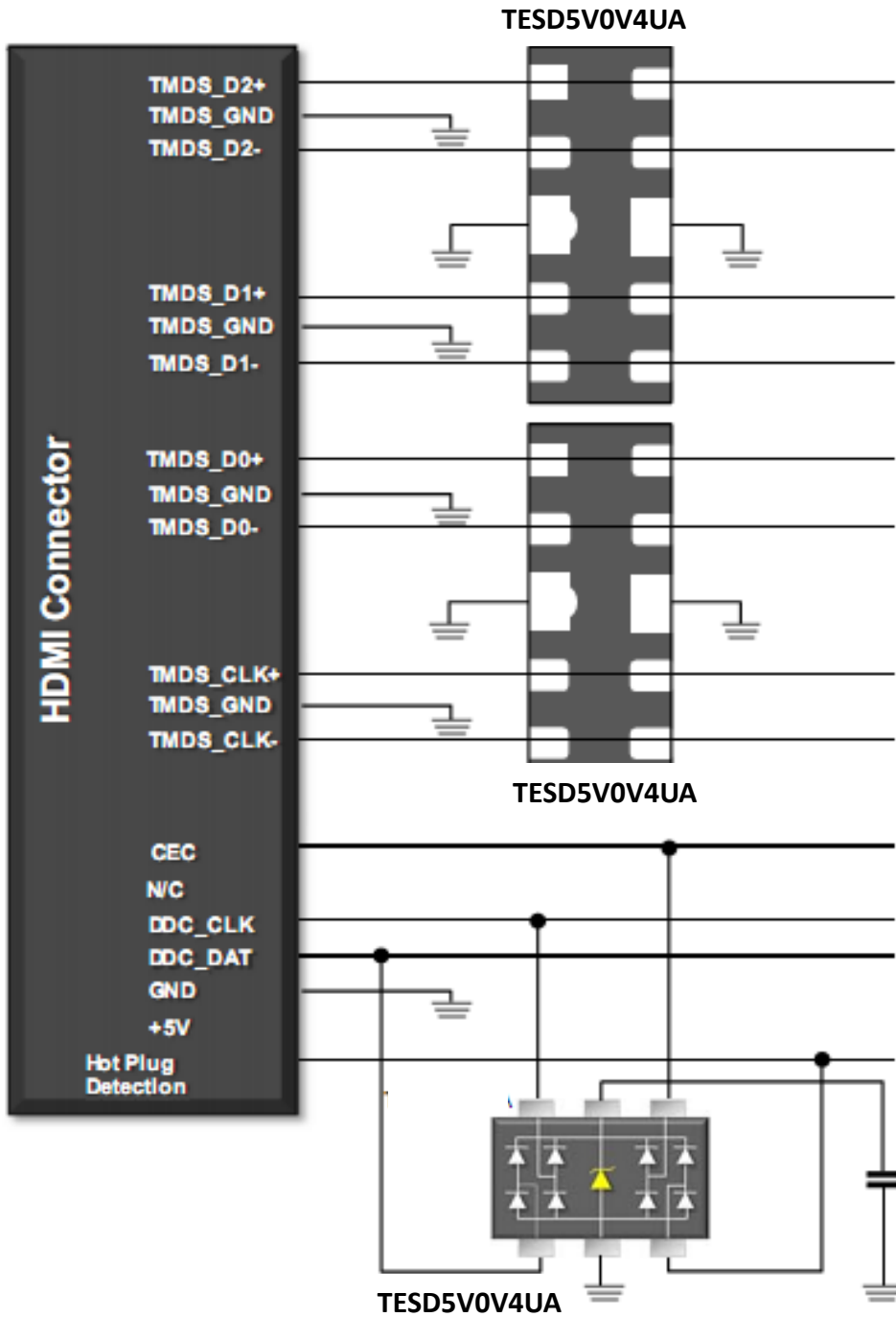
- Low load capacitance of 0.65 pF
- Low maximum leakage current of < 0.1 μ A (at the working voltage of 5.5 V)
- Ultra-compact LLP2510-10M package
- Features a “flow through” design
- Supports surge resistance requirements for high-speed data lines

Applications:

- USB 3.0
- HDMI
- Display Port
- eSATA
- 1394/Firewire in mobile electronics
- Thunderbolt



Layout Design Recommendations for HDMI Protection:





Comparable Alternative:

| TSC | SEMTECH | Vishay | Amazing | TI |
|-------------|--------------|---------------|------------|------------|
| TESD5V0V4UA | RClamp0524PA | VBUS054GD-FBL | AZ1045-04F | TPD4E02B04 |

Package Information:

| Outline (Package) | Reel (7") | Inner Box | Carton | Carton Size | Gross Weight | Packing Code |
|----------------------|-----------|-----------|---------|-------------|--------------|-----------------|
| | (pcs) | (pcs) | (pcs) | (mm) | (kg/carton) | |
| 2510P10 | 3000 | 18,000 | 108,000 | 385x270x217 | 5 | RDG |

Samples of TESD5V0V4UA can be ordered on Product Detail page:
<http://www.taiwansemi.com/en/products/details/TESD5V0V4UA>

For pricing and more information, please contact TSC sales or authorized distributors worldwide:

<http://www.taiwansemi.com/en/contact>