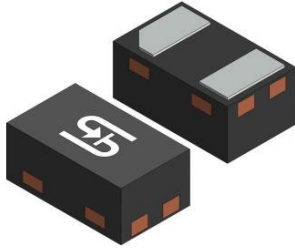
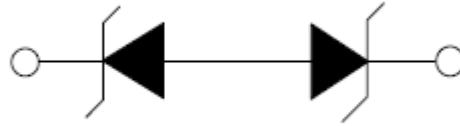




Bi-directional ESD Protection Diode



DFN1006

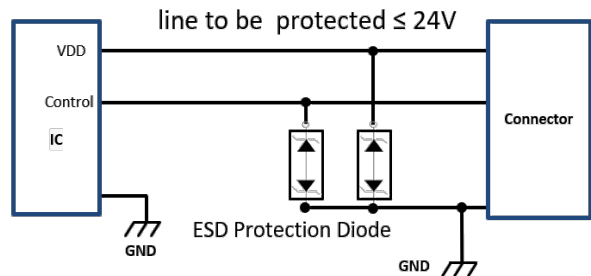


TESDL24VB17P1Q1 is a unique design with proprietary clamping cells in a small package. The DFN1006 package size is 1.6 mm x 1.0mm and the thickness is only 0.5 mm, which can meet the needs of new products for small packages. During transient conditions, the proprietary clamping cells prevent over-voltage on the control/data/power lines, protecting any downstream components.

Applications

- Battery contacts
- Power management system
- Portable devices
- Digital cameras
- Digital frames
- Cellular handsets and accessories
- Notebooks, desktops and servers
- Microprocessor-based equipment

Application diagram



Product Portfolio

Part Number	V_{WM}	CJ max	ESD robustness (IEC61000-4-2)	IPPM at $t_p = 8/20\mu s$
TESDL24VB17P1Q1	24V	17pF	30KV	3A

For more information or other products, please visit TSC website <https://www.taiwansemi.com/>