



## PJ4L40W6

### QUAD SCHOTTKY DATA LINE BUS TERMINATOR

This highly integrated device is designed as rail to rail overvoltage protection clamp for up to four high frequency data lines. It is ideal in portable applications where small form factors are required.

#### FEATURES

- Low Forward Voltage Drop for Improved Voltage Protection
- Very Fast Switching
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#### MAXIMUM RATINGS (T<sub>A</sub>=25°C, unless otherwise noted)

Rating	Symbol	Value	Units
Reverse Voltage	V <sub>R</sub>	30	V
Continuous Forward Current	I <sub>F</sub>	200	mA
Non-Repetitive Surge Current, t=1s	I <sub>FSM</sub>	600	mA
Power Dissipation (Note 1)	P <sub>D</sub>	200	mW
Operating Junction and Storage Temperature Range	T <sub>J</sub> , T <sub>STG</sub>	-55 to +125	°C

Note 1 : Device mounted on FR-4 board 1.0 inch x 0.85 inch x 0.062 inch, with minimum pad layout.

#### THERMAL CHARACTERISTICS

Characteristic	Symbol	Value	Units
Thermal Resistance, Junction to Ambient	R <sub>θJA</sub>	625	°C/W

