



SURFACE MOUNT TRIPLE SCHOTTKY DIODES

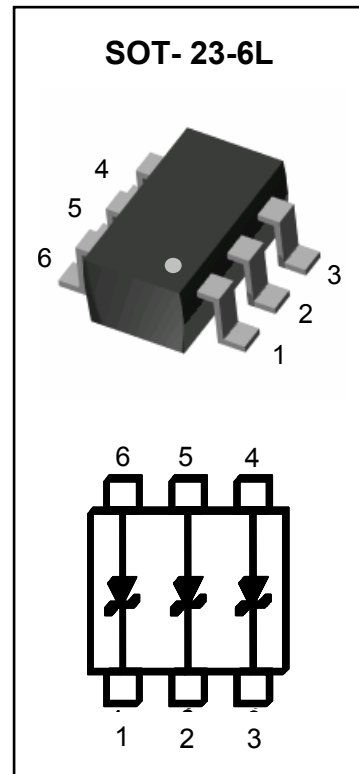
This device features three electrically-isolated Schottky diodes housed in a very small SOT-23-6L package. It is ideal for applications where board space is at a premium.

FEATURES

- Low reverse leakage current (guaranteed $<0.98\mu\text{A}$ @ 25V)
- Reverse voltage rating of 40V
- Lead-free plating (100% matte tin finish)

APPLICATIONS

- Mobile phones and accessories
- Video game consoles connector ports
- PDA's



Device Marking: 731

MAXIMUM RATINGS (Per Diode) $T_J = 25^\circ\text{C}$ Unless otherwise noted

Rating	Symbol	Value	Units
Repetitive Peak Reverse Voltage	V_{RRM}	40	V
Continuous Reverse Voltage	V_R	40	V
Average Rectified Forward Current	I_O	30	mA
Non-repetitive Peak Forward Current (60Hz, 1 cycle)	I_{FSM}	200	mA
Total Power Dissipation (Note 1)	P_{tot}	225	mW
Operating Junction Temperature Range	T_J	-55 to 125	$^\circ\text{C}$
Storage Temperature Range	T_{stg}	-65 to 150	$^\circ\text{C}$

Note 1. FR-4 Board 70 x 60 x 1mm.

THERMAL CHARACTERISTICS

Characteristic	Symbol	Value	Units
Thermal Resistance, Junction to Ambient	$R_{\theta JA}$	556	$^\circ\text{C/W}$