

NEW TCK107AF Under development

Load switch IC

Description

Additional functions Inrush current reduction / Output discharge

RoHS Compatible Product(s) (#) Available

Properties
Package Information

Package Image	
Toshiba Package Name	SMV
JEITA	SC-74A
Package Code	SOT-25
Pins	5
Mounting	Surface Mount

Absolute Maximum Ratings

Characteristics	Symbol	Rating	Unit
Output Current (Max)	I_{OUT}	1.0	A

Electrical Characteristics

Characteristics	Symbol	Condition	Value	Unit
ON-resistance (Typ.)	R_{ON}	$I_{OUT}=-0.5A$ $V_{IN}=5V$	63	mohm
ON-resistance (Typ.)	R_{ON}	$I_{OUT}=-0.5A$ $V_{IN}=1.8V$	101	mohm
ON-resistance (Typ.)	R_{ON}	$I_{OUT}=-0.2A$ $V_{IN}=1.2V$	175	mohm
Input Voltage (Max)	V_{IN}	-	5.5	V
Input Voltage (Min)	V_{IN}	-	1.1	V