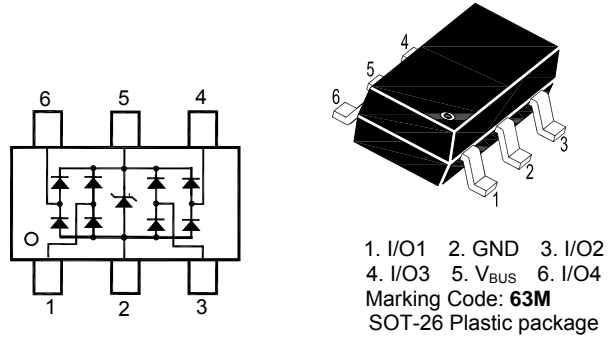


ESDLC4201D

4-Channel Low Capacitance TVS Array



Absolute Maximum Ratings (T_a = 25 °C)

Parameter	Symbol	Value	Unit
Peak Power Dissipation (t _p = 8/20 μs)	P _{PK}	500	W
Peak Pulse Current (t _p = 8/20 μs)	I _{PP}	25	A
ESD per IEC 61000-4-2 (Air) ESD per IEC 61000-4-2 (Contact)	V _{PP}	20 20	KV
Operating junction Temperature Range	T _j	- 40 to + 125	°C
Storage Temperature Range	T _{stg}	- 55 to + 150	°C

Characteristics at T_a = 25 °C

Parameter	Symbol	Min.	Max.	Unit
Reverse Voltage at Pin 5 to 2	V _{RWM}	-	5	V
Reverse Breakdown Voltage at I _T = 1 mA	V _{BR}	6	-	V
Leakaeg Current at V _R = 5 V	I _R	-	5	μA
Clamping Voltage at I _{PP} = 5 A, t _p = 8/20 μs, Pin 5 to Pin 2	V _C	-	12.5	V
Clamping Voltage at I _{PP} = 8 A, t _p = 8/20 μs, Pin 5 to Pin 2	V _C	-	20	V
Junction Capacitance at V _R = 0 V, f = 1 MHz, Between I/O Pins to GND at V _R = 0 V, f = 1 MHz, Between I/O Pins	C _j	-	5 3	pF

TOP DYNAMIC