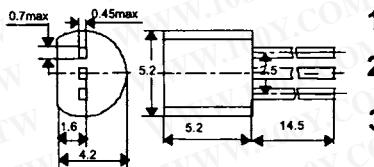


2N4992
Silicon bilateral switch (SBS)
in package TO-92



Pinouts:

1- Anode II, 2- Gate, 3- Anode I

勝特力材料 886-3-5753170 勝特力电子(上海) 86-21-34970699 勝特力电子(深圳) 86-755-83298787 Http://www.100y.com.tw

Ratings

Symbol	Parameter, units	Limits
$I_{T(rms)}$	DC forward anode current, mA	200
I_{gm}	DC gate current, mA	5
$I_{T(sm)}$	Peak recurrent forward current, A, (1% duty cycle, 10μsec pulse width)	1
P	Power dissipation, mW	300

Electrical Characteristics ($T_A=25^\circ C$)

Symbol	Parameter, unit, test conditions	Limits	
		min	max
V_S	Switching voltage, V	7.5	9
I_S	Switching current, μA		120
I_H	Holding current, mA		0.5
I_B	Current (off-state), μA, $V_F=5V$		0.1
V_F	On-State voltage, V, $I_f=200mA$		1.7



SOLID STATE INC.

46 FARRAND STREET
BLOOMFIELD, NEW JERSEY 07003

www.solidstateinc.com