

7-channel Darlington transistor array

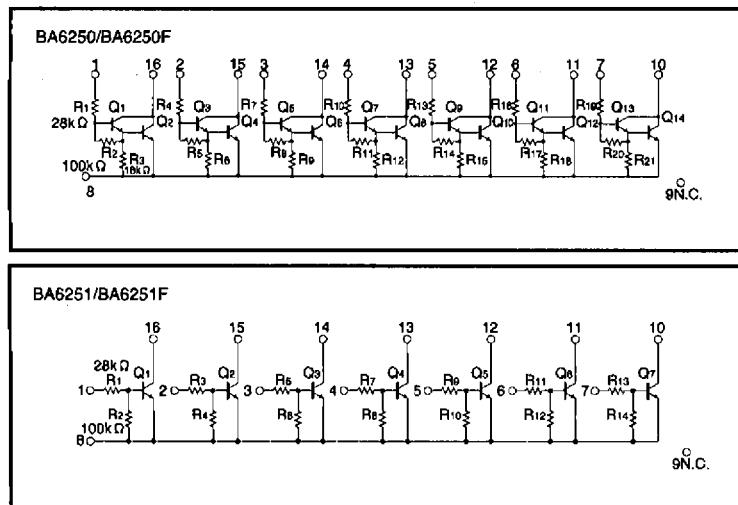
BA6250/BA6250F/BA6251/BA6251F

The BA6250, BA6250F, BA6251, and BA6251F are 7-channel transistor arrays particularly suitable for interfaces between a microcomputer in a VTR and the various ICs, or between one IC and another, and for low current drives such as LEDs.

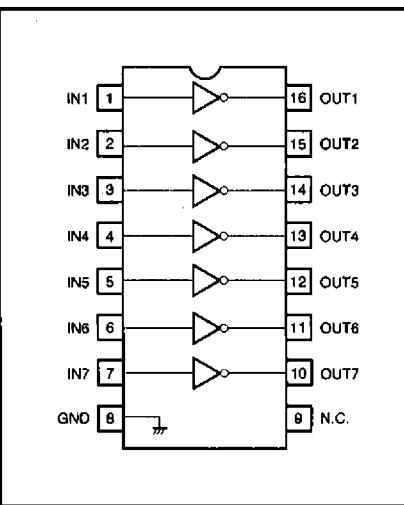
●Features

- 1) High withstanding output voltage of 30V (max.).
- 2) Output current of 20mA max. ($V_{IN} \geq 3V$).

●Internal circuit configuration diagram



●Block diagram



●Absolute maximum ratings ($T_a=25^\circ C$)

Parameter	Symbol	Limits	Unit
Power supply voltage	V_{CEO}	30	V
Power dissipation	P_d	500 *	mW
Operating temperature	T_{OPR}	-25~75	°C
Storage temperature	T_{STG}	-55~125	°C
Input voltage	V_{IN}	30	V
Output current	I_D Max.	30	mA

* Reduced by 5mW for each increase in T_a of 1°C over 25°C.

