

●Absolute maximum ratings (Ta = 25°C)

Parameter		Symbol	Limits	Unit
Power supply voltage		V _{CC}	18	V
Power dissipation	BA328	Pd	900*1	mW
	BA328F		500*2	
Operating temperature		T _{opr}	−25~+75	°C
Storage temperature		T _{stg}	−55~+125	°C

*1 Reduced by 9.0mW for each increase in Ta of 1°C over 25°C.

*2 Reduced by 5.0mW for each increase in Ta of 1°C over 25°C.

(When mounted on a 70mm×70mm×1.6mm glass epoxy board)

●Recommended operating voltage range (Ta = 25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit
Power supply voltage	V _{CC}	6	8	16	V

●Electrical characteristics (unless otherwise noted, Ta = 25°C, V_{CC} = 8V, f = 1kHz, R_L = 10kΩ and R_E = 100Ω)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Quiescent current	I _Q	2	5	8	mA	V _{IN} =0V _{rms}
Open loop voltage gain	G _{VO}	65	80	—	dB	V _{OUT} =0.3V _{rms} , R _E =0Ω
Maximum output voltage	V _{OM}	1.0	1.5	—	V _{rms}	THD=1%
Input resistance	R _{IN}	50	—	—	kΩ	—
Total harmonic distortion	THD	—	0.1	0.3	%	V _{OUT} =0.3V _{rms}
Input conversion noise voltage	V _{NIN}	—	1.2	2.0	μV _{rms}	R _g =2.2kΩ BPF (30Hz~20kHz)
Crosstalk level	CT	—	−65	−50	dB	Other channel V _{OUT} =0.3V _{rms} , R _g =2.2kΩ
Channel balance	CB	—	0	1.5	dB	V _{OUT} =0.3V _{rms}