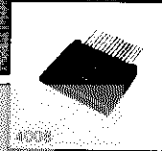


Case outline 4018 4017  
**STK-3042, 3044**  
 4018 4018  
**3062, 3082**

VOLTAGE AMPLIFIER FOR  
 40 to 90W AF POWER AMP



**Use**

- STK-3042: A voltage amplifier for 40 to 50W AF power amplifier
- STK-3044: A voltage amplifier for 40W AF power amplifier
- STK-3062: A voltage amplifier for 60 to 70W AF power amplifier
- STK-3082: A voltage amplifier for 80 to 90W AF power amplifier

**MAXIMUM RATING / Ta=25°C**

		STK-3042	STK-3044	STK-3062	STK-3082	unit
Maximum Supply Voltage	V <sub>CC</sub> max	±48	±48	±55	±65	V
Allowable Power Dissipation	P <sub>d</sub> max	→	→	→	4	W
Operating Case Temperature	T <sub>C</sub>	→	→	→	100	°C
Storage Temperature	T <sub>stg</sub>	→	→	→	-30 to +100	°C

**RECOMMENDED OPERATION CONDITION / Ta=25°C**

		STK-3042	STK-3044	STK-3062	STK-3082	unit
Recommended Supply Voltage	V <sub>CC</sub>	±40	±32	±45	±50	V
Load Resistance	R <sub>L</sub>	→	→	→	22k	ohm

**OPERATING CHARACTERISTICS / Ta=25°C, V<sub>G</sub>=26.5dG, R<sub>L</sub>=22k ohm**

		STK-3042	STK-3044	STK-3062	STK-3082	unit
Current Dissipation	I <sub>CC</sub>	30	30	35	35	mAmax
Output Center Voltage	V <sub>N</sub>	→	→	→	-70 to +70	mV
Output Noise Voltage	V <sub>NO</sub>	0.2	0.5	0.2	0.2	mVmax
Input Resistance	r <sub>i</sub>	32k	54k	32k	32k	ohm
Distortion	THD	0.01	0.02	0.01	0.01	%max

**EQUIVALENT CIRCUIT**

