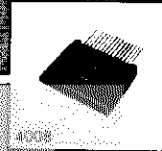


Case outline 4018 4017
STK-3042, 3044
 4018 4018
3062, 3082

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 _{CC} max	±48	±48	±55	±65	V
Allowable Power Dissipation	P _d max	→	→	→	4	W
Operating Case Temperature	T _C	→	→	→	100	°C
Storage Temperature	T _{stg}	→	→	→	-30 to +100	°C

RECOMMENDED OPERATION CONDITION / Ta=25°C

		STK-3042	STK-3044	STK-3062	STK-3082	unit
Recommended Supply Voltage	V _{CC}	±40	±32	±45	±50	V
Load Resistance	R _L	→	→	→	22k	ohm

OPERATING CHARACTERISTICS / Ta=25°C, V_G=26.5dG, R_L=22k ohm

		STK-3042	STK-3044	STK-3062	STK-3082	unit
Current Dissipation	I _{CC}	30	30	35	35	mAmax
Output Center Voltage	V _N	→	→	→	-70 to +70	mV
Output Noise Voltage	V _{NO}	0.2	0.5	0.2	0.2	mVmax
Input Resistance	r _i	32k	54k	32k	32k	ohm
Distortion	THD	0.01	0.02	0.01	0.01	%max

EQUIVALENT CIRCUIT

