

SANYO

No.2179A

LA3225T,3226T

Monolithic Linear IC

2-CHANNEL PREAMPLIFIER WITH ALC

The LA3225T,3226T are 2-channel low-noise preamplifiers designed for cassette tape recorder use.

The LA3225T,3226T contain preamplifiers and rectifiers in a 10-pin single-end package and require fewer number of external parts.

Use

- Stereo, compact cassette tape recorders (recording/playback), radio-cassette recorders (recording/playback).
- LA3225T: 6V-operated tape recorder use
- LA3226T: 9V-operated tape recorder use

Features

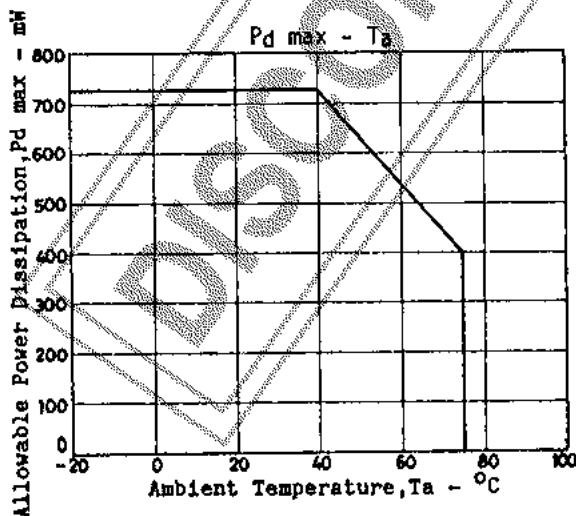
- Open loop gain 85dB typ.
- On-chip rectifiers and ALC circuit.
- Capable of operating from $V_{CC}=3.8V$ (LA3225T), $V_{CC}=5.5V$ (LA3226T) because of good reduced voltage characteristic
- On-chip feedback resistors ($R_{NF}=100k\Omega$)
- The rectifier operation can be stopped at the playback mode (ALC OFF).

Maximum Ratings at $T_a=25^\circ C$

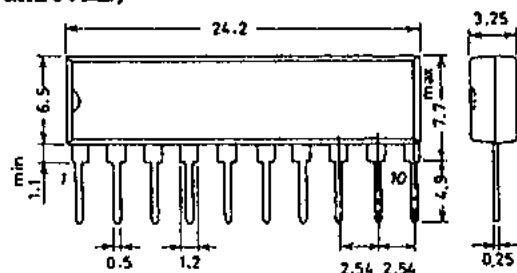
Parameter	Symbol	Value	Unit
Maximum Supply Voltage	$V_{CC\ max}$	14.0	V
Allowable Power Dissipation	$P_d\ max$	730	mW
Operating Temperature	T_{opg}	-20 to +75	$^\circ C$
Storage Temperature	T_{stg}	-40 to +125	$^\circ C$

Operating Conditions at $T_a=25^\circ C$

Parameter	Symbol	Value	Unit
Operating Voltage Range	$V_{CC\ op}$	3.8 to 12.0	V
		5.5 to 12.0	V



The application circuit diagrams and circuit constants herein are included as an example and provide no guarantee for designing equipment to be mass-produced. The information herein is believed to be accurate and reliable. However, no responsibility is assumed by SANYO for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Case Outline 3043A-S10IC (unit:mm)

Specifications and information herein are subject to change without notice.

SANYO: SEP10

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As the life-cycle of components is shortened by the constant demand for faster and better technology, electronics parts are being rendered obsolete at an unprecedented rate. Searchdatasheets gathers and stores the fact sheets, which explain how to use those components.

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Searchdatasheets is the only database of its kind that has components engineers onstaff.

That means users can count on assistance from qualified personnel when performing cross-reference searches. Searchdatasheets engineers also regularly research and add and new datasheets to the system.

“We have full-time Engineers on-staff to research and add datasheets if the information is not currently on our site,” said Zriel. “We are providing a place for users to have their questions answered quickly. Our aim is to build a community for components engineers who need help in product design.”

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