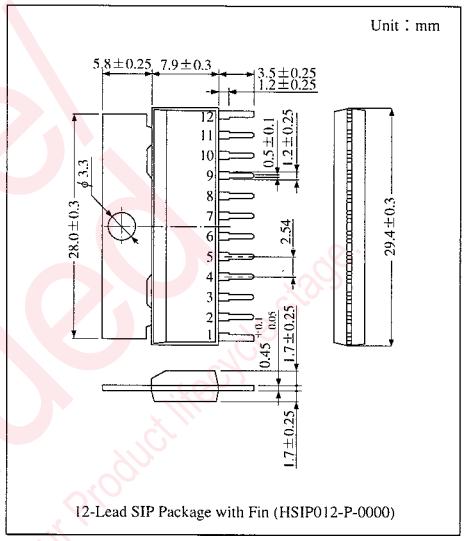
AN7139

Dual 2.1W Audio Power Amplifier Circuit

■ Overview

The AN7139 is an integrated circuit designed for power amplifier of 2.1W (9V, 4Ω) output. Stereo operation is enabled due to incorpo-rating two amplifiers on one chip. Quiescent current is very small in comparison with current power amplifier, so that it is most suitably used for battery operated radio cassette recorder. Low distortion and low noise are realized and external component are decreased. 12-pin single-in-line package enabled compact and high integrated set.



12-Lead SIP Package with Fin (HSIP012-P-0000)

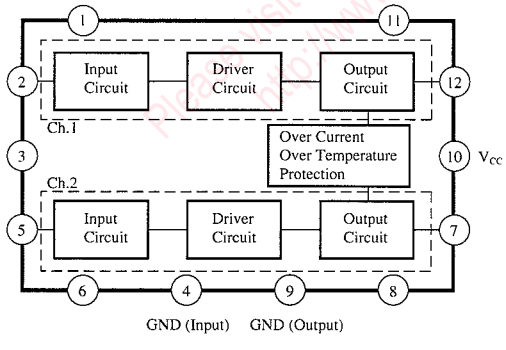
■ Features

- Low quiescent current
- High operation stability
- Low radiation
- Low distortion
- Low noise
- Low shock noise from power ON/OFF operation
- Fewer external components

■ Pin Descriptions

Pin No.	Pin Name	Pin No.	Pin Name
1	N.F.B Ch.1	7	Output Ch.2
2	Input Ch.1	8	Bootstrap Ch.2
3	Ripple Filter	9	GND (Output)
4	GND (Input)	10	V_{CC}
5	Input Ch.2	11	Bootstrap Ch.1
6	N.F.B Ch.2	12	Output Ch.1

■ Block Diagram



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