# **DOLBY**

### DOLBY SURROUND PRO · LOGIC

**Dolby Pro Logic Surround Decoder** 

# NJW1102 / 1102A

DATA SHEET

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# ■ GENERAL DESCRIPTION

The NJW1102/1102A are Dolby Pro Logic Surround Decoder. The internal status and the balance of surround speakers are controlled by serial data.

The NJW1102/1102A perform complete Dolby Pro Logic Surround and other functions such as Hall, Matrix, etc. combined with the NJU9702 digital delay IC.

### **■ FEATURES**

Operating Voltage 9 to 13V

 Center and Surround Channel Level Trimmer NJW1102 -15 to +15dB / 1dB Step (Pro Logic Mode -15 to +3dB/1dB Step) NJW1102A -31 to 0dB / 1dB Step

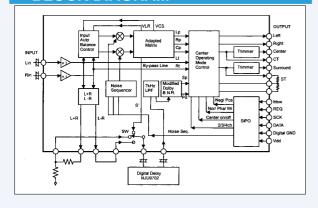
Other Surround Mode

Serial Data Control(3-wire:DATE,REQ,SCK)

Internal Mode Control Switch

Package Outline SDIP56, TQFP64

# **BLOCK DIAGRAM**



### DOLBY SURROUND PRO · LOGIC

**Dolby Pro Logic Surround Decoder** 

NJM2177A DATA SHEET

## **■ GENERAL DESCRIPTION**

The NJM2177A is a Dolby Pro Logic Surround Decoder containing modified B-Type noise reduction circuit, input auto-balance controller, noise sequencer, adaptive matrix and more.

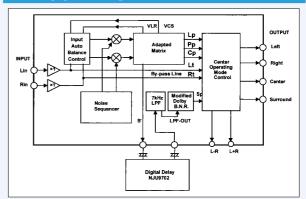
The NJM2177A performs complete Dolby Pro Logic Surround function combined with the NJU9702 digital delay IC.

# **■ FEATURES**

 Operating Voltage 9 to 13V Dolby Operating Level 300mVrms Low Operating Current 34mA typ.

- Dolby Pro Logic Surround decoding Internal Mode Control Switch
- Noise Sequencer Controlled by Two Bits
- Bipolar Technology
- SDIP56, TQFP64 Package Outline

### ■ BLOCK DIAGRAM



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