



## Dolby Pro Logic Surround Decoder with Discrete 5.1ch Input

NJW1107

DATA SHEET

NEW

### ■ GENERAL DESCRIPTION

The **NJW1107** is a Dolby Pro Logic Decoder with discrete 5.1ch input. It includes Dolby Pro Logic Surround, 4 master volumes, 4 level trimmers and 6 switches.

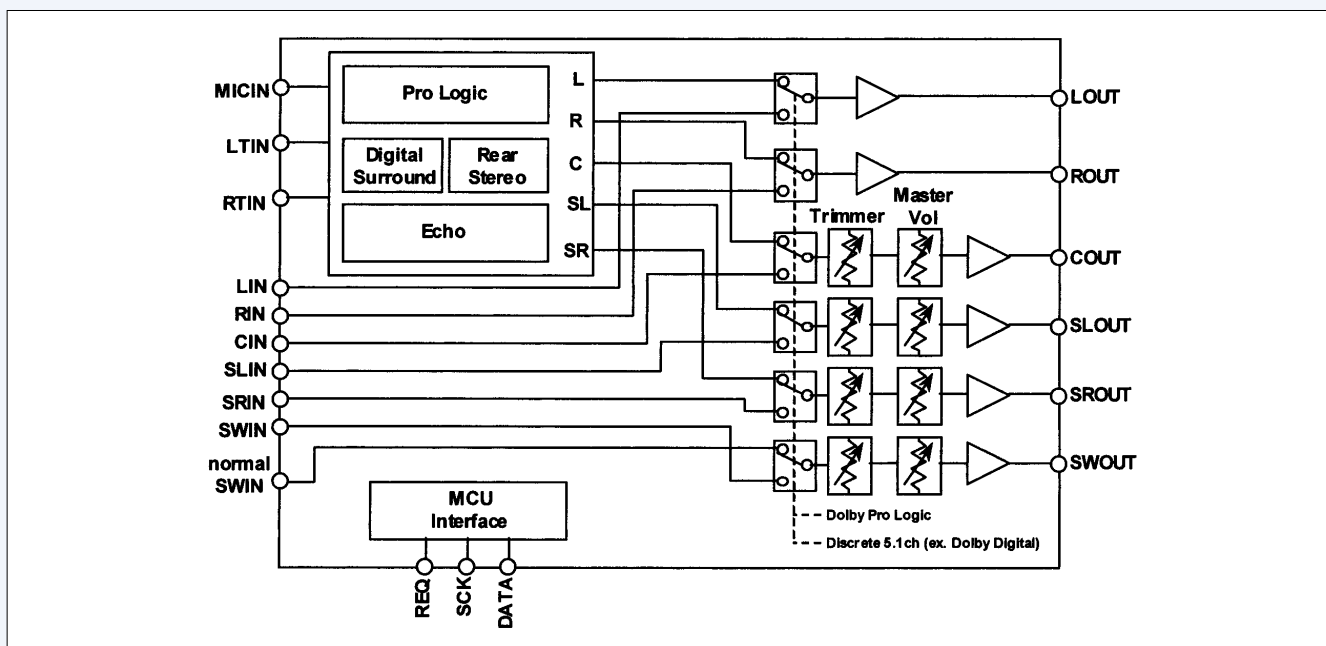
The 6 switches choose internal Dolby Pro Logic Surround Decoder or discrete 5.1ch inputs. The **NJW1107** is most suitable for AV amplifier with discrete 5.1ch inputs for Dolby Digital.

In addition to Dolby Pro Logic Surround function, the **NJW1107** performs easily other surround function such as Hall, Live, Disco and others, and echo and microphone mixing functions for Karaoke.

### ■ FEATURES

- Operation Voltage:  $V_{CC}=9V$ ,  $V_{DD}=5V$
- Digital Delay on chip
- Discrete 5.1ch Input for Dolby Digital
- Master Volume for Center, Surround and Subwoofer Channel
  - -79 to 0dB/1dB step
- Level Trimmer for Center, Surround and Subwoofer Channel
  - -31 to 0dB/1dB step
- Karaoke function(Echo, MIC mixing)
- Serial Data Interface (3-wire : DATA, REQ, SCK)
- Bi-CMOS Technology
- Package Outline QFP80

### ■ BLOCK DIAGRAM



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