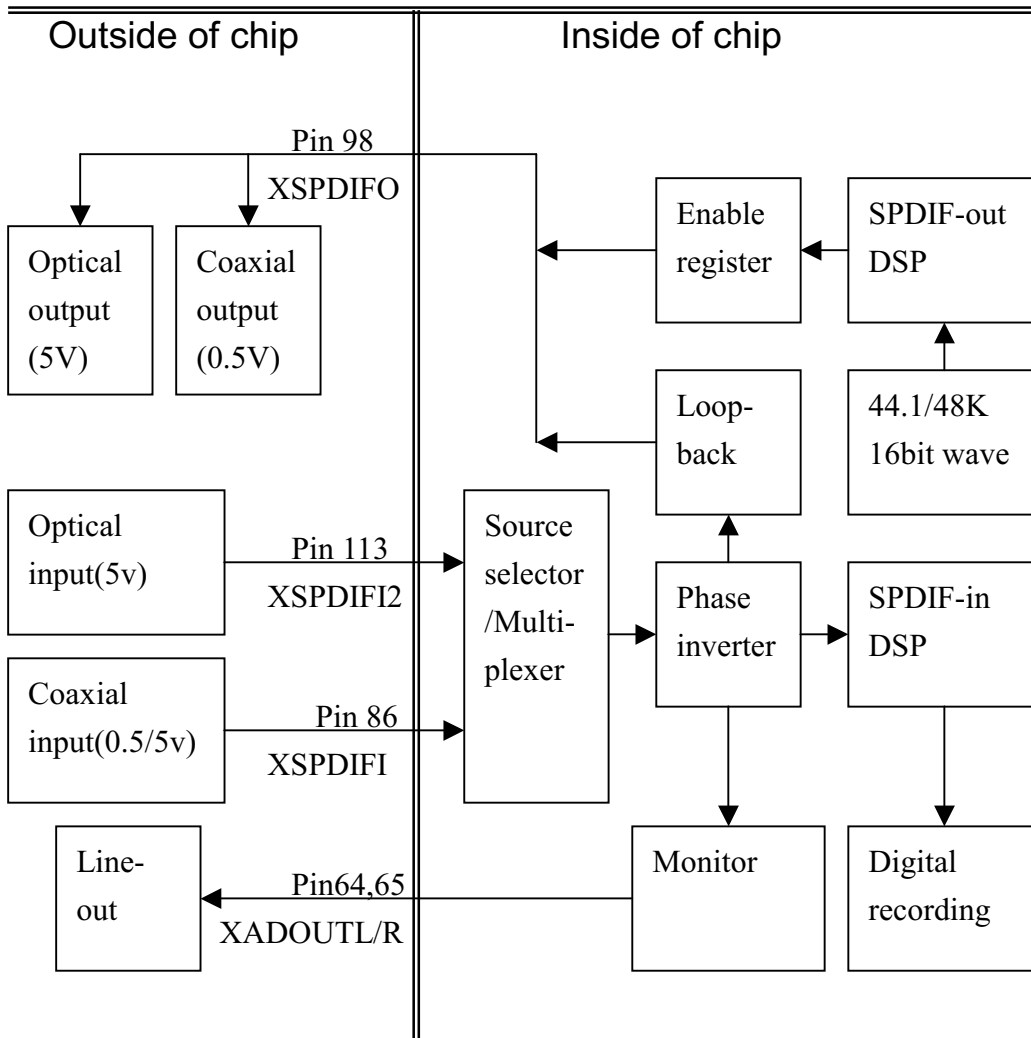


The 8738 Audio SPDIF In/Out Technical Data

- Block diagram



- Mixer controls

1. SPDIF IN loopback to SPDIF OUT (bypass)

When this item be selected, it means that digital signal come from SPDIF IN bybass to SPDIF OUT. It is for signal transformming between coaxial and optical.

2. Enable SPDIF OUT

When this item be selected, SPDIF signal output to SPDIF-out pin.

3. Monitor SPDIF IN

When this item be selected, SPDIF in signal convert to analog line-out for monitor.

4. Record from SPDIF IN

When the SPDIF IN item in the mixer recording controls be selected, the signal come from SPDIF IN will be recorded. Please note that analog input channels **cannot** be recorded at the same time with SPDIF IN due to digital signal high quality. In addition, please make sure that SPDIF IN has SPDIF signal input already. Otherwise, the hardware will hold for signal input for synchronzing.

5. SPDIF IN source selection

Select SPDIF IN source(device) come from SPDIF IN #1 or SPDIF IN #2.

6. SPDIF IN phase selection

There are normal and inverse phase format SPDIF signal. It can be set by manual. Besides, there is Diagnose button for phase autodetecting.

Please make sure that SPDIF IN has SPDIF signal input before diagnostic running.

- Mixer advance controls dialog box

