

DSD - active modulator filter

Type DLS-1.0

FEATURES

- DSD USB v-1, v-2 , v-3 input direct
- Data stream inputs electrical isolated
- Active modulator direct dsd
- Analog current/voltage output
- Analog stereo mode balance output

**GENERAL DESCRIPTION**

The DLS-1 is a high speed hybrid module CMOS devices for DSD direct native input.

It's specified in compliance with DSD standard.

The module accept the DSD dataR / dataL and Clock without digital analog convertor.

Output analog available as both current and voltage mode, as single unbalanced and full balanced filter for direct interface with analog stage.

DSD input resolution as 64/2.8224 Mhz and 128/5.6448 Mhz

APPLICATION

- DSD pure modulator and filtering convertor unit
- Update PCM dac convertor with R2R dac with USB-DSD input too
- SACD Player
- Professional audio device

ELECTRICAL SPECIFICATION

All specifications at Ta= 25°, Vcc1 = 5V, Vcc2 = 3.3V, Vcc3 = 12 V, Vcc4 = -12 V

Parameter	Test condition	DLS-1	Unit
Data format		DSD @ 64/128	
Audio data format		Data R / Data L / Clock	
Audio data bit lenght		1 bit	
Sampling frequency		2.8224 MHz / 5.6448 MHz	
Sampling clock frequency		2.8224 / 11.2896	MHz
Voltage		5 V / 3.3 V / +12 V / - 12 V	Vdc
Input/output		40 pins	Nr.

Full data and applications are available only under NDA agreement

 **Lector**
Mittleurope music class

Lector audio hifi
Via Verdi,35
I-27010 Albuzzano (PV) Italy EEC
Tel. ++0382484165
Fax: ++0382481021
Email: info@lector-audio.com
Web: www.lector-audio.com

