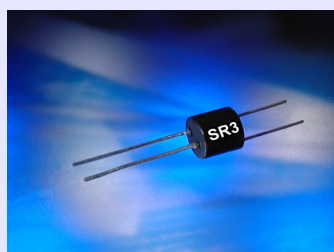


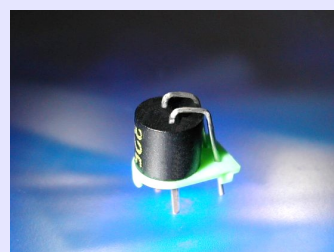
AUDIO OPTOCOUPLERS

CTC AS 1

Cds / Se OPTOCOUPLERS FOR AUDIO APPLICATIONS



AXIAL



PLATFORM

Silonex “**audiohm**” optocouplers are designed specifically for audio applications where high performance is required, their unique process gives very wide resistance dynamic range and passive low distortion audio characteristics that audio engineers demand. Silonex has an “**audiohm**” dedicated website containing detailed application notes with circuits and example parameters.

type	package	details		Silonex part no	Chromatechnic part no	link
LED / LDR	AXIAL	STOCK	Wide Dynamic Range	NSL32 SR3	CTC AS 1 J 001	PDF
LED / LDR	AXIAL	STOCK	Low on Resistance (R on)	NSL32 SR2	CTC AS 1 J 002	PDF
LED / LDR	AXIAL	SPECIAL ORDER	Wide DR (selected R on)	NSL32 SR3S	CTC AS 1 J 003	PDF
LED / LDR	AXIAL	SPECIAL ORDER	Low R on (selected R on)	NSL32SR2S	CTC AS 1 J 004	PDF
LED / LDR	AXIAL	STOCK	Low cost	NSL32	CTC AS 1 J 005	PDF
LED / LDR	PLATFORM	SPECIAL ORDER	Wide Dynamic Range	NSL32H SR3	CTC AS 1 J 006	PDF
LED / LDR	PLATFORM	SPECIAL ORDER	Low on Resistance (R on)	NSL32H SR2	CTC AS 1 J 007	PDF
LED / LDR	PLATFORM	SPECIAL ORDER	Wide DR (selected R on)	NSL32H SR3S	CTC AS 1 J 008	PDF
LED / LDR	PLATFORM	SPECIAL ORDER	Low R on (selected R on)	NSL32H SR2S	CTC AS 1 J 009	PDF
LED / LDR	PLATFORM	SPECIAL ORDER	Low cost	NSL32H	CTC AS 1 J 010	PDF
RoHS STATUS		EXEMPTION APPLIED FOR – SEE NOTE BELOW				

Drawings, specifications, datasheets

Data sheets for each product are available on , click on the link, or call us for a copy.

Application information

All applications / descriptions / dimensions and parameters in this information pack are for guidance only, please refer to the latest issue of the datasheet for all design parameters, E&OE. It is the customers responsibility to ensure the device meets the application, RoHS and any other legal requirements for use.

RoHS – Important note

This product contains cadmium, and is currently under review by the EU Commission for consideration to be exempt from RoHS legislation on products that are within the scope of RoHS. All other materials used in the devices are RoHS compliant.

Visit the [Silonex **AUDIOHM**](#) website for application notes on

Basic audio circuits	
Level control / faders	Compressor
Limiter	Expander / noise gate
Soft switch	FET / VCA replacement

These optocouplers are already used in musical instruments, pre and power amplifiers (valve and solid state), recording equipment, mixing desks, microphones, effects pedals and systems, audio signal processing and analog interface boxes.

Being capable of operating at elevated voltage and having such good audio and dynamic properties elevates this product above other solutions for performance applications.

Contact us to discuss your application.