

AN3495K, AN3495S

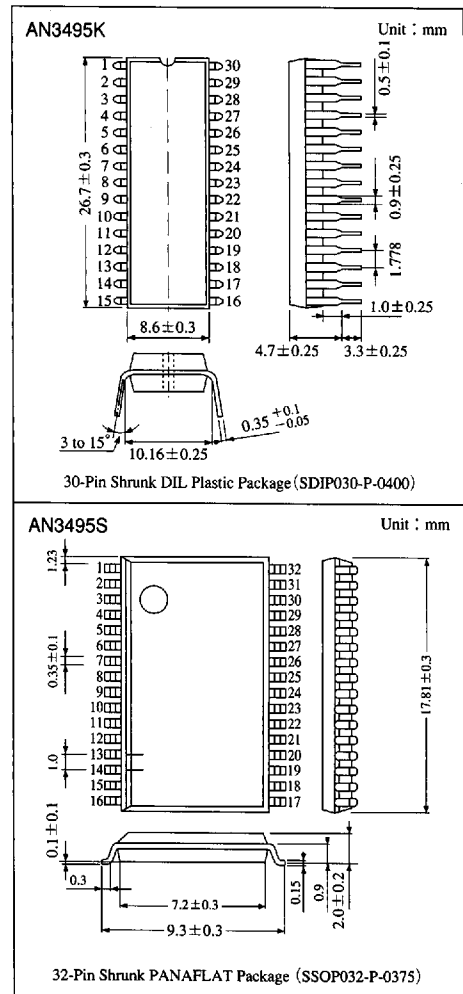
YNR and CNR ICs for VCR

Overview

The AN3495K and AN3495S are the ICs designed to reduce noise of luminance and chroma signal as for the VHS HQ functions. Incorporating the switches available for S-VHS, it can configure a VHS or S-VHS signal processing system in combination with the AN3230 (VHS luminance signal processing), AN3237 (S-VHS luminance signal processing), and AN3411 (chroma signal processing).

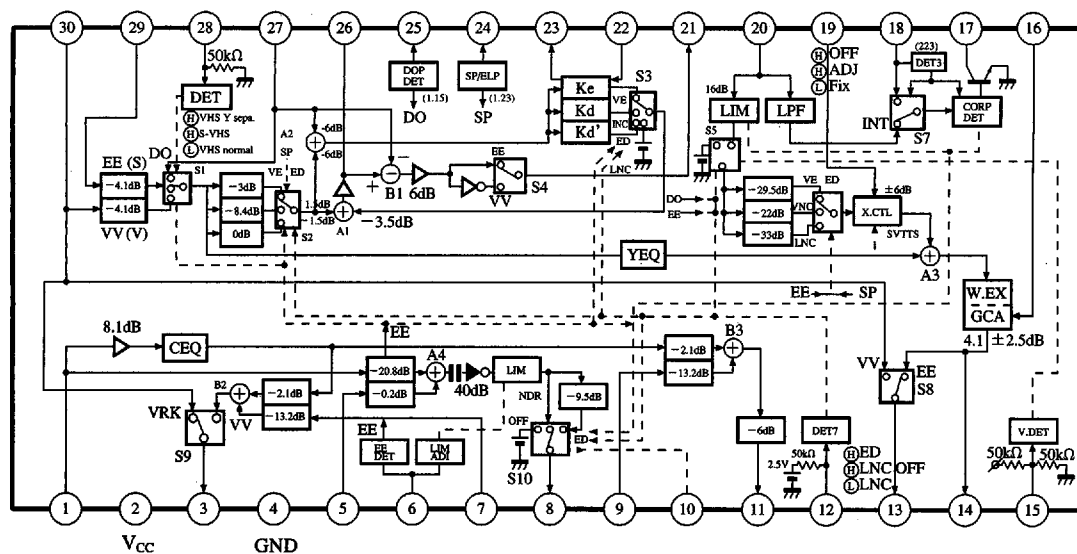
Features

- YNR function.
- CNR function.
- Luminance signal base band dropout compensating function.
- Luminance signal 1H non-correlative detection sequential pulse output function.
- S-VHS/VHS switch and Rec Y/C comb type separation switch built-in.
- Capable of adjusting the YNR X value by external DC voltage.
- Capable of adjusting the CNR limiter level by external DC voltage.
- YNR has vertical emphasis/de-emphasis characteristics in recording/playback and can select 3 kinds of characteristics (NORMAL, EDIT, LNC) at playback.
- CNR is a chroma recursive system at playback.



ICs for
VCR

■ Block Diagrams

AN3495K**AN3495S**