



Design Support
from Analog Experts

Latest Product



High performance amplifiers: OVERVIEW with graphic

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Download PDF Guide



Amplifiers

Overview

- Featured Product
- New Products
- Mini-Selection Guide

Products

- New Comlinear High Performance Amplifiers
- Hybrid Amplifiers
- New Video Filter Drivers
- Multiplexers (TBD)
- Instrumentation Amps (TBD)
- Current Sense Amps (TBD)

Design Support

- Application Notes
- Evaluation Boards
- Online Seminars
- Parametric Search

High Performance Comliner™ Amplifiers:

- CLCXXXX – Dual high speed 2.7V-12V rail-to-rail amplifier, [DS](#)
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Video Filter Drivers:

- CLCXXXX – Dual high speed 2.7V-12V rail-to-rail amplifier, [DS](#)

1. IS: High performance amplifiers: OVERVIEW with graphic
 - a. SHOULD BE: High Performance Amplifiers and Comparators
2. Take text from Selection Guide:
 - a. CADEKA's focus is leading edge analog solutions. Analog is the essence of human experience, it is at the core of our senses...sound, vision, and touch. High performance analog products enhance audio, video, and environmental sensing applications. CADEKA's product focus, amplifiers, are at the core of analog: sensing, amplifying, and conditioning the analog signals present in the systems that engineers design to interface electronics to the analog world. Our theme is "Amplify the Human Experience.™ " We are amplifier experts and we are absolutely passionate about being successful with our core competency. – Gary Ross, CEO.
 - i. **Amplify the Human Experience™**
 1. Amplifiers with leading performance to power ratios that enable designers to minimize power consumption without sacrificing performance.
 2. Design and applications support that provide engineers with fast and accurate solutions, allowing designers to minimize their time-to-market.
3. Use the attached graphic.
4. IS: Download PDF Guide

- a. SHOULD BE: Download Selection Guide
 - i. We currently have 2 selection guides for amplifiers (both attached)...high performance amps and hybrid amps....we need to figure a way to let the user choose. OR maybe we split this page into 2...one for each....THOUGHTS????
- 5. Modify graphic to remove the "peeled back look"
- 6. IS: High Performance Comlinear™ Amplifiers:
 - a. CLCXXX – Dual high speed 2.7V-12V rail-to-rail amplifier, DS
 - b. SHOULD BE: High Performance Comlinear™ Amplifiers
 - i. CLC1002 – Single, Ultra Low Noise Amplifier, DS
 - ii. CLC1003 – Single, Low Offset, RRIO Amplifier, DS
 - iii. CLC1007 – Single, 500MHz, RRIO Amplifier, DS
 - iv. CLC2000 – Dual, High Output Current Amplifier, DS
 - v. CLC2005 – Dual, Low Cost, Single Supply Rail-to-Rail Amplifier, DS
 - vi. CLC2600 – Dual, 300MHz Amplifier, DS
 - vii. CLC2601 – Dual, 550MHz Amplifier, DS
 - viii. CLC3600 – Triple, 300MHz Amplifier, DS
 - ix. CLC3601 – Triple, 550MHz Amplifier, DS
 - x. CLC4600 – Quad, 300MHz Amplifier, DS
 - xi. CLC4601 – Quad, 550MHz Amplifier, DS
- 7. IS: Video Filter Drivers:
 - a. CLCXXX – Dual high speed 2.7V-12V rail-to-rail amplifier, DS
 - b. SHOULD BE: High Speed Comparators
 - i. CLC2500 – Dual, Ultra-fast Voltage Comparator, DS
- 8. New Section: THOUGHT...Back to 4ai from above, should the Hybrid amps be on a separate page?? Any advantages??? Disadvantages??? If we split, we can use the airplane graphic and text from hybrid selection guide to fill in the upper section of the page. Then we will need to modify the home page to reflect the 2 choices.
 - a. Hybrid Amplifiers
 - i. KH103 - Fast Settling, High Current Wideband Amplifier, DS
 - ii. KH104 - DC to 1.1GHz, Linear Amplifier, DS
 - iii. KH200 - Fast Settling, Wideband Amplifier, DS
 - iv. KH205 - Overdrive Protected, Wideband Amplifier, DS
 - v. KH206 - Overdrive Protected, Wideband Amplifier, DS
 - vi. KH207 - Low Distortion, Wideband Amplifier, DS
 - vii. KH220 - Fast Settling, Wideband Amplifier, DS
 - viii. KH231 - Fast Settling, Low Gain, Wideband Amplifier, DS
 - ix. KH232 - Low Distortion, Low Gain, Wideband Amplifier, DS
 - x. KH300 - Wideband, High-Speed Amplifier, DS
 - xi. KH560 - Wideband, Low Distortion Driver Amplifier, DS
 - xii. KH561 - Wideband, Low Distortion Driver Amplifier, DS
 - xiii. KH600 - 1GHz Differential Input/Output Amplifier, DS
- 9. Section on right will be same as other sub-pages.