CLC103 Evaluation Board

Part Numbers CLC730005, CLC730006

August 1996

Evaluations Boards

To aid in the evaluation of the CLC103 operational amplifier, National Semiconductor has created evaluation PC boards: P/N 730005 for inverting gain applications, and P/N 730006 for non-inverting gain applications.

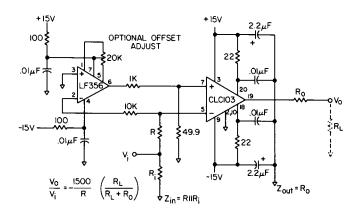


Figure 1: Inverting circuit with offset adjust circuitry

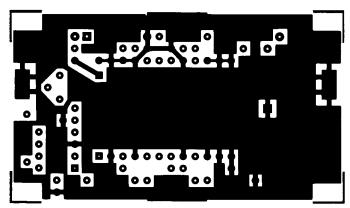


Figure 3: Circuit side (bottom) as viewed from component side, inverting

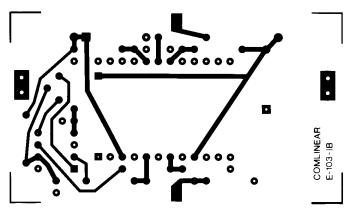


Figure 2: Component side (top), inverting

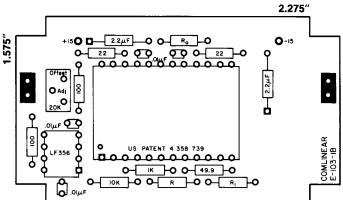


Figure 4: Component placement guide, inverting

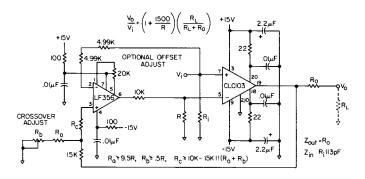


Figure 5: Non-inverting circuit with offset adjust circuitry

Figure 7: Circuit side (bottom) as viewed from component side, non-inverting

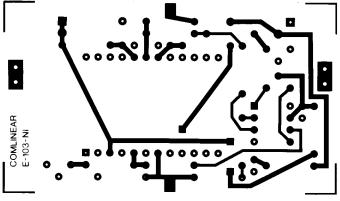


Figure 6: Component side (top), non-inverting

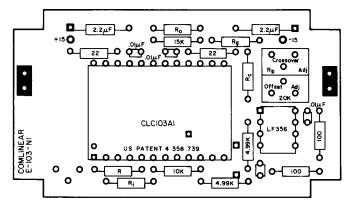


Figure 8: Component placement guide, non-inverting

Customer Design Applications Support

National Semiconductor is committed to design excellence. For sales, literature and technical support, call the National Semiconductor Customer Response Group at 1-800-272-9959 or fax 1-800-737-7018.

Life Support Policy

National's products are not authorized for use as critical components in life support devices or systems without the express written approval of the president of National Semiconductor Corporation. As used herein:

- 1. Life support devices or systems are devices or systems which, a) are intended for surgical implant into the body, or b) support or sustain life, and whose failure to perform, when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in a significant injury to the user.
- 2. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.



National Semiconductor Corporation

1111 West Bardin Road Arlington, TX 76017 Tel: 1(800) 272-9959 Fax: 1(800) 737-7018

National Semiconductor Europe

Fax: (+49) 0-180-530 85 86 E-mail: europe.support.nsc.com Deutsch Tel: (+49) 0-180-530 85 85 English Tel: (+49) 0-180-532 78 32 Français Tel: (+49) 0-180-532 93 58

Italiano Tel: (+49) 0-180-534 16 80

National Semiconductor Hong Kong Ltd.

13th Floor, Straight Block Ocean Centre, 5 Canton Road Tsimshatsui Kowloon Hong Kong Tel: (852) 2737-1600

Fax: (852) 2736-9960

National Semiconductor Japan Ltd.

Tel: 81-043-299-2309 Fax: 81-043-299-2408

National does not assume any responsibility for use of any circuitry described, no circuit patent licenses are implied and National reserves the right at any time without notice to change said circuitry and specifications.