MTC16 September 1996 Ň National Semiconductor 16 Lead Molded Thin Shrink Small Outline Package, JEDEC **NS Package Number MTC16** 7.72 TYP. 4.16 TYP. DIMENSIONS METRIC ONLY (1.78 TYP) 5.0 ± 0. -A-0.42 TYP 0.65 TYP LAND PATTERN RECOMMENDATION GAGE PLANE 6.4 0.25 4.4 ± 0.1 -B-3.2 SEATING PLANE 0.6 ± 0.1 DETAIL A TYPICAL, SCALE: 40X ≏ 0.2 C B A ALL LEAD TIPS SEE DETAIL A PIN #1 IDENT. - (0.90) □ 0.1 C ALL LEAD TIP 1.1 MAX TYP -Cî. 0.65 TYP 0.10 ± 0.05 TYP 0.09-0.20 TYP 0.30 TYP  $\oplus$ 0.13 M A B S C S MTC16 (REV C) All dimensions are in millimeters 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 2. A critical component is any component of a life systems which, (a) are intended for surgical implant support device or system whose failure to perform can into the body, or (b) support or sustain life, and whose be reasonably expected to cause the failure of the life failure to perform, when properly used in accordance support device or system, or to affect its safety or with instructions for use provided in the labeling, can effectiveness. be reasonably expected to result in a significant injury to the user. National Semiconductor National Semiconductor National Semiconductor National Semiconductor National Semiconducto Corporation 1111 West Bardin Road Arlington, TX 76017 Tel: 1(800) 272-9959 Fax: 1(800) 737-7018 Hong Kong Ltd. 13th Floor, Straight Block, Ocean Centre, 5 Canton Rd. Tsimshatsui, Kowloon Japan Ltd. Tel: 81-043-299-2308 Fax: 81-043-299-2408 Europe Fax: +49 (0) 180-530 85 86 Fax: +49 (0) 180-330 bo oo Emaii: 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 35 58 Italiano Tel: +49 (0) 180-534 16 80 Hong Kong Tel: (852) 2737-1600 Fax: (852) 2736-9960 http://www.national.com

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