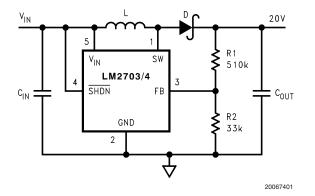
LM2703/LM2704 Evaluation Board

National Semiconductor Application Note 1277 March 2003

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M2703/LM2704 Evaluation Board

LM2703/4 Evaluation Board



Bill of Materials

| Components | LM2703 | LM2704 |
|------------------|-------------------------------|-------------------------------|
| L | 10 μH, DT1608C-103, Coilcraft | 10 μH, DO1608C-103, Coilcraft |
| C _{IN} | 4.7 µF, 10V Ceramic | 4.7 μF, 10V Ceramic |
| | LMK316BJ475ML, Taiyo-Yuden | LMK316BJ475ML, Taiyo-Yuden |
| C _{OUT} | 1 μF, 25V Ceramic | 4.7 μF, 25V Ceramic |
| | GMK316BJ105L, Taiyo-Yuden | MK325BJ475MN, Taiyo-Yuden |
| D | MBRM130LT3, ON Semi | MBRM130LT3, ON Semi |

LIFE SUPPORT POLICY

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 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.

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 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.

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