

Technical data for NSIL Devices
3-Jun-2004
from Toshiba

1. MTBF calculation for the NS9750:

Failure Rate: 18 FITS @ $T_J = 100^\circ\text{C}$

Mean Time Between Failure (years): 5,555

2. MTBF calculation for the NS7520:

Failure Rate: 8 FITS @ $T_J = 100^\circ\text{C}$

Mean Time Between Failure (years): 12,500

3. NS9750 Theta-jc is $\sim 8^\circ\text{C/W}$

4. NS7520 Theta-jc is 17.6°C/W