
MODIFICATION

Adding Protection circuit after changing the laser mechanism

This will prevent further damage by ESD, power surges etc.

MODIFICATION:

After changing the laser mechanism (partno: 4102-5002-0) please perform the following modification:

- 1) Change R137 from 10 Ohm to 20 Ohm 1/8 W min.
- 2) Add a diode 1N4148 between LD and GND on J2 (cable connection to laser unit), Kathode to LD.
- 3) Cut trace just after collector Q101.
- 4) Add coil 10uH in between here.

The required parts are available from FED in a small kit, partno: 522-LASER-PROT-KIT

PRODUCTION:

Please note this modification is being implemented in running production.

The Nad 524 already has this modification except for: 1) Change R137