Differential sensing of the shunt voltage allows for grounding the laser’s cathode with a single supply. A self-enable feature monitors the power supply and operates when $V_{SUPPLY}$ is 4V. Open-laser and current clamps protect the laser.

**Figure 3**

NOTES:
* = 1% METAL-FILM RESISTOR.
=1N4148.
=1N5712.
= LASER.