



PRESS RELEASE
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PLD Drivers: Smaller Package, Higher Performance

Wavelength Electronics has redesigned the PLD10000 with a new compact heatsink and fan shroud, and improved internal heat dissipation capability. This technology has been leveraged into a high-current driver, the PLD12500, which can drive up to 12.5 amps. Both the PLD10000 and PLD12500 are mounted on printed circuit boards.

These high current PLD drivers couple the high-reliability architecture of the lower-current PLD Series with a robust high-current output stage. To speed product development, the PLD10EV Evaluation Board can be configured within minutes to take full advantage of the versatility and functionality offered by the PLD10000 and PLD12500 drivers.

Tens of thousands of PLD drivers are deployed in laser systems around the world, proving beyond doubt the reliability and stability of the design. PLD Series drivers are found in fibre laser pumping, materials processing, pyrotechnic ignition, industrial welding and cutting applications, and laser diode LIV testers.

KEY FEATURES

- Remote enable can be tied to a safety interlock and a temperature controller
- Built-in constant current and constant power operating modes minimize your electronics overhead
- On-board controls mean quick and easy driver setup
- Analogue set point input gives you remote external control of the laser current and modulation
- Latching current limit safely switches off output if current limit is reached
- Slow start and current ramp protect the laser during operation
- Mechanical shorting relay protects the laser while the driver is powered off

For more specifications or more information, contact **Warsash Scientific** on +61 2 9319 0122 or sales@warsash.com.au.

