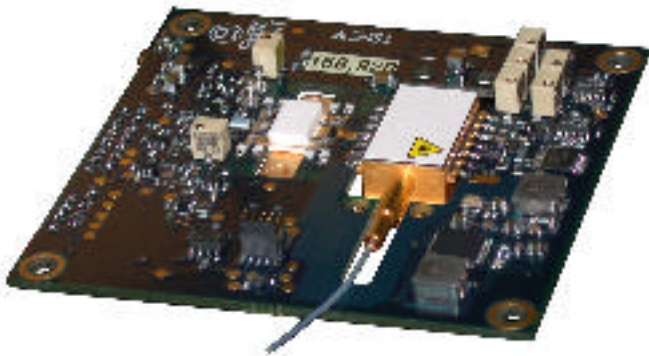


OEM Seed Laser Diode Driver Assembly Is Programmable



Analog Modules Inc.'s Model 762 OEM programmable seed laser diode drivers (pump laser diode drivers) are ideal for driving 14-pin butterfly packaged laser diode modules for use in CW or pulsed fiber MOPA systems. The driver circuitry operates from a single 5.0 V power source and is capable of providing up to 2.5 A of drive current with compliance voltages up to 2.5 V. Pulse widths down to 20 ns or less are possible with typical optical pulse rise times of 10 ns. Settings can be made through analog operation by the use of multi-turn potentiometers and providing an external TTL trigger pulse or through the on-board FPGA, which contains a comprehensive pulse generation system. The board includes a bidirectional PID thermoelectric cooler controller, provides sensing for a back facet monitor, and outputs a digital laser fire indicator pulse and scaled analog output. A RoHS version is available.

Source URL (retrieved on 01/29/2015 - 6:50am):

http://www.mdtmag.com/product-releases/2010/09/oem-seed-laser-diode-driver-assembly-programmable?qt-most_popular=0&qt-video_of_the_day=0