Multi-channel laser diode driver

AeroDiODE

www.aerodiode.com
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This laser diode driver & temperature controller allows full independent control of up to 8 laser diodes from CW down to very short pulses. It includes several functions including a pulse generator and a precision and very low noise current and modulation driver.

Features:
- From CW (Continuous Wave) down to 1 nanosecond pulse width
- Full independent control of CW/Pulse duration, peak/CW powers, pulse rep rate, compliance voltage & pulse overshoot, chip temperatures etc.
- Ultra low noise and ripple
- Zero insertion force mounting sockets for any Butterfly or others (TOSA etc.)
- Analog Voltage Signal Remote Control and USB interface with easy-to-use graphical interface/GUI
- Many Libraries for integration in complex systems: DLLs, Hexa, Labview, Python...
- Fiber management with optical power sink
- Several photodiode inputs for full optical power control when needed