

**PRESS RELEASE**  
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## New Efficient PWM Temperature Controller

The new WTCP 5V, 5A thermoelectric controller from **Wavelength Electronics** combines high efficiency Pulse-Width Modulated (PWM) control with excellent temperature stability. Portable, airborne, and other space-constrained temperature control applications are ideal places to use the WTCP.

This Temperature Controller, now available through **Warsash Scientific**, delivers all the advantages of Pulse Width Modulated (PWM) control in a compact PCB-mounted package. The WTCP is highly efficient, and usually does not require any additional heatsinking. It is perfectly suited for applications requiring high efficiency, low power dissipation, and high stability.

The WTCP5V5A can operate from a single 5 V power supply, or the WTCP and load can be driven from separate power supplies when even lower output current noise is required.

The available WTCPEVAL evaluation circuit board includes everything needed to quickly configure the WTCP for a wide range of applications and load conditions. The on-board feedback loop parameter adjustment switches simplify tuning, and dramatically reduce your development time.

An OEM module board is also available, and can be preloaded at the factory with components fine-tuned for your application.

### KEY FEATURES

- Separate heating and cooling current limits protect the load from operational anomalies
- External passive components fine-tune the operating range for maximum control sensitivity and accuracy
- Versatile interface signals simplify integration of the WTCP into a wide range of applications
- Easy-to-use component selection calculator simplifies system design and configuration

For more information, contact Warsash Scientific on +61 2 9319 0122 or [sales@warsash.com.au](mailto:sales@warsash.com.au).

