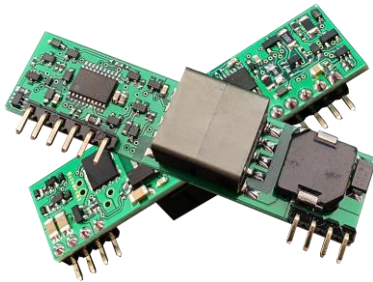


## **Silvertel “Go Green” with the fore-runner of a new High Efficiency Power over Ethernet, PD Module range**

Silvertel announces the pre-launch of the IEEE 802.3at compliant Ag5412 PD (Powered Device), to complement their best-selling range of PoE modules. This new product heralds the first in a new range of high efficiency PD modules to reinforce Silvertel’s position as the market leader in embedded Power over Ethernet (PoE) solutions.



Aimed at developers of Ethernet equipment requiring up to 30W of power, such as, IP cameras, PTZ cameras, WiMAX access points, door entry systems, digital signage and VoIP phones and terminals, Ag5412 provides a high-efficiency, drop-in IEEE802.3at solution.

Designed and manufactured in the UK, this latest product from Silvertel enhances their PoE PD range of IEEE802.3at modules providing the full 30W of output power at 12V. A 50% reduction in “wasted” power means that it is ideal for use in applications where a high ambient temperature can typically limit the use of lower efficiency PD solutions.

Ag5412 is a Class 4 PD, which displays the correct class pulses to an IEEE802.3at PSE. A high efficiency DC-DC converter generates a nominal 12V output. This product marks a stepped increase in performance being able to deliver the full output power, with lower noise figure, over the industrial temperature range.

Additional features include 1500V isolation (input to output), overload, short-circuit and thermal protection.

Requiring just a few low cost external components, Silvertel has designed another product which is cost-effective, easy to use, occupies a minimum of PCB real estate and provides superior performance. Ag5412 evaluation boards are also available, as well as a range of application notes, backed by Silvertel’s class-leading technical support team.

The Ag5412 supplements Silvertel's extensive offering of Power over Ethernet products for both the PD and PSE. Silvertel also offers a comprehensive range of IEEE802.3af and IEEE802.3bt modules.

### About Silvertel:

Newport, Wales based Silvertel is the global leader in Power over Ethernet (PoE) power management and telecom modules. Designed and manufactured in the UK, Silvertel product focus is on low cost, small size and ease of use. Targeted at developers of the latest security, safety, datacom and telecom equipment, Silvertel brings product to market through its international network of specialist distributors and representatives.