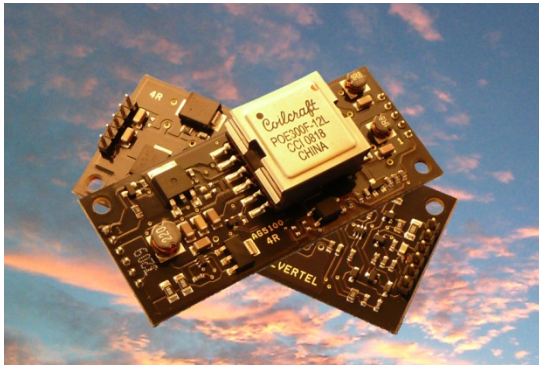


30W Modules Implement Power over HDBaseT (POH) for Power Sourcing Equipment (PSE) and Powered Devices(PD)

Silvertel has announced the launch of the Ag6100, a PSE module capable of 36W of power. Supporting HDBaseT's POH and also IEEE 802.3at compliant, Ag6100 complements Silvertel's Ag5100 series of 30W PD modules.



Aimed at developers of Ethernet equipment requiring up to 30W of power, such as professional AV equipment, PTZ Cameras, WiMAX access points, Electronic Point of Sale terminals, Door Entry Systems and Thin Client terminals, Ag6100 and Ag5100 provide a low cost drop-in solution.

Implementing POH Type 2 and the 2 event classification of IEEE802.3at, the Ag6100 can be used to power other HDBaseT™ or IEEE802.3at products or the Ag5100 module. With output power up to 36W,

Ag6100 can fully realise the 30W power capability of the Ag5100.

Ag5100 is PD module that also includes a complete high efficiency DC-DC converter capable of providing a nominal 12V or 24V output, which can be programmed to give any voltage from 11V to 29V. Additional features include 1500V isolation (input to output), overload, short-circuit and thermal protection.

HDBaseT is a consumer electronics connectivity technology optimized for whole-home and commercial multimedia distribution; the heart of which is 5Play™, an unrivalled feature-set that converges full uncompressed HD video, audio (up to 10.2 Gbps), 100BaseT Ethernet, up to 100W power and various control signals through a single 100m/328ft CAT5e/6 LAN cable. Ag5100 and Ag6100 support the critical power element of this technology called POH.

“HDBaseT’s POH feature provides developers with increased flexibility by enabling the transmission of up to 100W via a single LAN cable,” said Micha Risling, HDBaseT Alliance marketing committee chair. “Thanks to valuable member support, like that from Silvertel, HDBaseT technology offers the industry a solution with unparalleled features and promotes enhanced connectivity flexibility.”

Ag5100 and Ag6100 are also backwards compatible with the Power over Ethernet (PoE) specifications IEEE802.3af and IEEE802.3at.

Requiring just a few low cost external components, Silvertel provides products which are low cost, easy to use, and occupy a minimum of PCB real estate.

Designed and manufactured in the UK, and fully RoHS and WEEE compliant, the modules supplement Silvertel's extensive range of Power over Ethernet products for both the Powered Device (PD) and Power Sourcing Equipment (PSE), which now extends up to 200W.

About Silvertel

Newport, Wales based Silvertel is a global leader in power and telecom interface components. 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 it's international network of specialist distributors and representatives. Visit www.silvertel.com for further details.

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