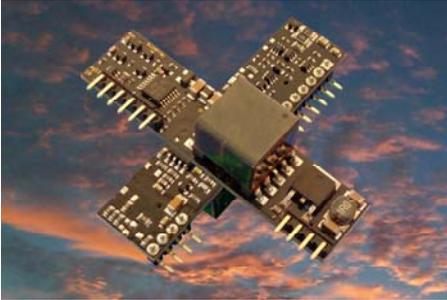


Ag5324

SIL Package 24V Power Over Ethernet Module (PoE+)



- **Smallest package size to date:**
SIL - 57mm(L)x18mm(W)x14mm(H)
- **24V DC output**
- **POE + module compliant with IEEE 802.3af & at**
- **Up to 30 Watt of Output Power**
- **High efficiency DC/DC converter**
- **Adjustable output voltage**
- **1500V DC impulse isolation**
- **Input voltage range 36V to 57V**
- **Minimal low cost external components required**
- **Overload, thermal and short-circuit protection**
- **Simple integration**

Silvertel's Ag5324 is the first PoE+ module capable of delivering up to 30 Watts of output power that requires less than 10.3cm² of PCB space. This is ideal for any application where space is at a premium, such as IP Telephones, Wireless Access Points, PTZ cameras, door entry systems or remote computer terminals.

Ag5324 is compatible with both the IEEE

802.3af and 802.3at standards for signature recognition. The Ag5324 classification is fixed at Class 4. The module works with both types of Power Sourcing Equipment (PSE) units - mid-span and end-span injectors. The high efficiency DC/DC converter operates over a wide input voltage range to provide a regulated low ripple, low noise output. The module provides built-in overload, thermal and short-circuit output protection.

The output voltage is programmable for values between 22.8V and 25.2V.

Ag5324 includes 1500V DC impulse isolation for safety as required by IEEE802.3.

The module is designed for simple integration, requiring the addition of just a few low cost components (two diode bridges and an electrolytic capacitor on the DC output).

