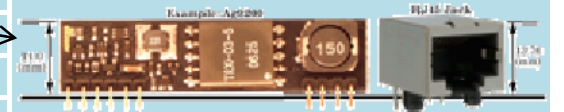

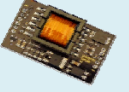
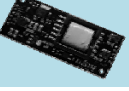








Product Family	Part No.	Nominal Output Voltage	Max Output Power	External Components Required	Benefits	
<b>Worlds Smallest Isolated Powered Device Module</b> 	<b>Ag9812</b>	12V	12W	Two Bridge Rectifiers Low Cost Smoothing capacitor	Smallest PD solution available Low cost Class 0 operation SMT package size-28mm(L) x 17.8mm(W) x 12mm(H)	
	<b>Ag9805</b>	5V	9W			
	<b>Ag9803</b>	3.3V	6W			
<b>Isolated PoE Powered Device (PD) Modules</b>	<b>Ag9700</b> 	<b>Ag9712</b>	12V	12W	-S :2 bridge rectifiers & low cost smoothing capacitors -2BR : Low cost smoothing capacitors -FL : Low cost smoothing capacitors -M: 2 bridge rectifiers & low cost smoothing capacitors (M=SMTpackage, 2BR & FL include bridge rectifiers) * No 3V option in SMT package	Very low cost isolated solution Industrial Temperature option (FL) Pin compatible with Ag9400/Ag9600 and Ag9000 (FL only) FL has Class programming otherwise Class 0 operation SIL package - 56mm(L) x 18mm(W) x 14mm(H) SMT package - 32mm(L) x 23mm(W) x 18mm(H)
		<b>Ag9705</b>	5V	9W		
		<b>Ag9703 *</b>	3.3V	6W		
	<b>Ag9400</b> 	<b>Ag9424</b>	24V	12W	Two versions available: -S, & -2BR -S : Two bridge rectifiers, low cost smoothing capacitor -2BR : Low cost smoothing capacitor (2BR Module includes two bridge rectifiers)	Low cost Low Ripple Class 0 operation SIL package - 56mm(L) x 18(W) x 14mm(H)
		<b>Ag9412</b>	12V	12W		
		<b>Ag9405</b>	5V	10W		
		<b>Ag9403</b>	3.3V	6.6W		
	<b>Ag9200</b> 	<b>Ag9205</b>	5V	13W	Two bridge rectifiers & Low cost smoothing capacitor	High efficiency synchronous rectification Class programming capability SIL package - 56mm x 18(W) x 14mm
		<b>Ag9203</b>	3.3V	10W		
	<b>Ag9312</b> 	<b>Ag9312</b>	12V	12W	Three low cost bridge rectifiers Two low cost smoothing capacitors	Compliant to - IEEE 802.3af Triple Input – PoE / 24V AC / 12V DC DIL package - 51mmx30mmx16mm
	<b>Ag9512</b> 	<b>Ag9512-38</b>	12V	12W	No external components required	Ideal form-factor for IP cameras Class 0 operation Package size -38: 38mm x 38mm -42: 42mm x 42mm
		<b>Ag9512-42</b>	12V	12W		

Why Silvertel?	Benefits
Smaller board space	SIL Modules are strategically designed to be about the same height as an RJ45 connector. Max space required is less than 1.0 in <sup>2</sup> (See picture ). Ag9800 is even smaller.
Safety	Modules are fully tested and compliant to IEEE 802.3af or IEEE 802.3at
Quicker time to market	The modules are optimized PoE circuits. No complex reference designs with many external components
Low cost solution	Modules are a lower cost solution compared to IC solutions
Compliance	Tested to meet international EMC standards



	Product Family	Part No.	Nominal Output Voltage	Max Output Power	External Components Required	Benefits	
PD MODULES	Worlds Smallest Isolated 30W Powered Device Module	 Ag5300	Ag5300	12V	30W	Two low cost bridge rectifiers One low cost smoothing capacitors	Compliant to IEEE 802.3at Class 4 operation (IEEE 802.3af defaults to class 0) SIL package - 57mm(L) x 14mm(H) x 18mm(W) Continuous 24W operation at 70°C. -20°C
	Isolated PoE+ 30W Modules	 Ag5200	Ag5200	12V	30W	Two low cost bridge rectifiers One low cost smoothing capacitors	Compliant to IEEE 802.3at Class 4 operation (IEEE 802.3af defaults to class 0) DIL package - 51mm(L) x 16mm(H) x 30mm(W) Continuous 30W operation at 50°C. -40°C lower operating temp
		 Ag5100	Ag5100	12V or 24V	30W	Two low cost bridge rectifiers Three low cost smoothing capacitors	Compliant to IEEE 802.3at Class 4 operation (IEEE 802.3af defaults to class 0) DIL package - 70mm(L) x 14mm(H) x 30mm(W)
		 Ag9330	Ag9330	12V	30W	Three low cost bridge rectifiers Two low cost smoothing capacitors	IEEE 802.3af and IEEE 802.3at compliant Triple Input – PoE / 24V AC / 12V DC DIL Package - 60mmx30mmx16mm
	Isolated PoE 60W Modules	 Ag5500	Ag5500	12V or 24V	60W	Two low cost bridge rectifiers Three low cost smoothing capacitors	Class programming capability Packaging: Half brick-59mm(L) x 61mm(W) x 20mm(H)
	Isolated PoH/PoE 100W Modules	 Ag5600	Ag5600	24V	88W	Two low cost bridge rectifiers Three low cost smoothing capacitors	Only 88W solution available. Use with Ag6600 PSE module. Compatible with IEEE 802.3af, 802.3at & PoH standards <b>HDBaseT Compatible</b> Packaging: Half brick-59mm(L) x 61mm(W) x 20mm(H)
PSE MODULES	Single Channel 30W PSE Module	 Ag6100	Ag6100-S	48V/57V	39W	No external components required	Compliant to IEEE 802.3af & 802.3at standards Class programming capability Industrial temperature option as standard SIL package - 8mm(D)x53mm(L)x14mm(H)
	Single Channel 60W PSE Module	 Ag6100-HP	Ag6100-HP	48V/57V	60W	No external components required	Compliant to IEEE 802.3af and 802.3at standards <b>57V input required if 60W output power is needed</b> SIL package - 8mm(D)x53mm(L)x14mm(H)
	4 Channel PSE Module	 Ag6400	Ag6400-S	48V/56V	30W/Channel	No external components required	Compliant to IEEE 802.3af and 802.3at standards Class programming capability Supports hardware and software modes SIL package - 8mm(D)x56mm(L)x14mm(H)
	100W PoH/PSE Module	 Ag6600	Ag6600	58V	100W	No external components required	With Ag5600: Only 100W PoE solution available Compliant to IEEE 802.3af, 802.3at & PoH standards <b>HDBaseT Compatible</b> . Built-in safety features. Packaging: DIL: 51mm(L)x35mm(W)x7mm(H)

Silvertel manufactures a wide range of modules for Wireless Power transfer, SLA Battery Charging plus SLIC and trunk analog telecom interfaces. All Silvertel's modules are cost optimised and manufactured in the UK ensuring the highest quality at competitive pricing.

Version 4.1 Apr 2014

© Silvertel 2014

Page 2 of 2