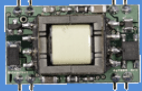
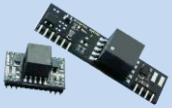
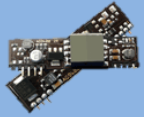
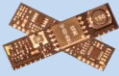


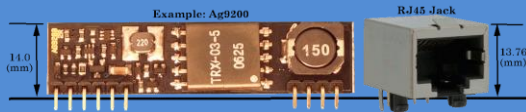
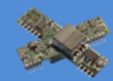




Product Family	Part No.	Nominal Output Voltage	Max Output Power	External Components Required	Benefits	
The Worlds Smallest Isolated Powered Device Module 	Ag9812	12V	12W	Two Bridge Rectifiers Low Cost Smoothing capacitor	Smallest solution Low cost Class 0 operation SMT package -28mm(L) x 17.8mm(W) x 12mm(H)	
	Ag9805	5V	9W			
	Ag9803	3.3V	6W			
Isolated PoE Powered Device (PD) Modules	Ag9700 	Ag9712	12V	12W	-S : Two bridge rectifiers low cost smoothing capacitors -2BR : Low cost smoothing capacitors -2BRI : Low cost smoothing capacitors (Industrial temp) -M : Bridge rectifiers and smoothing caps (Surface mount) (2BR and 2BRI versions include bridge rectifiers)	Very low cost isolated solution Industrial Temperature option Pin compatible with Ag9400 and Ag9600 Class 0 operation SIL package - 56mm(L) x 18mm(W) x 14mm(H) SMT package - 32mm(L) x 23mm(W) x 18mm(H)
		Ag9705	5V	9W		
	Industrial Temp Version Available					
	Ag9400 	Ag9424	24V	12W	Two versions available: -S, & -2BR -S : Two bridge rectifiers, low cost smoothing capacitor -2BR : Low cost smoothing capacitor (Module includes two bridge rectifiers)	Low cost Pin compatible with Ag9000 Low Ripple Class 0 operation SIL package - 56mm(L) x 18(W) x 14mm(H)
		Ag9412	12V	12W		
		Ag9405	5V	10W		
		Ag9403	3.3V	6.6W		
	Ag9200 	Ag9205	5V	13W	Two bridge rectifiers & Low cost smoothing capacitor	High efficiency synchronous rectification Class programming capability SIL package - 56mm x 18(W) x 14mm
		Ag9203	3.3V	10W		
	Ag9300 	Ag9312	12V	12W	Three low cost bridge rectifiers Two low cost smoothing capacitors	Ag9312 - IEEE 802.af. Ag9330 - IEEE 802.at Triple Input – PoE / 24V AC / 12V DC Ag9312 DIL package - 51mmx30mmx16mm Ag9330 DIL Package - 60mmx30mmx16mm
		Ag9330	12V	30W		
	Ag9512 	Ag9512-38	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
Ag9512-42		12V	12W			
Why Silvertel?	Smaller board space	Modules are strategically designed to be about the same height as an RJ45 connector. Max space required is less than 1.0 in ² (See picture)				
	Safety	Modules are 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	The 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.at 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.at 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.at Class 4 operation (IEEE 802.3af defaults to class 0) DIL package - 70mm(L) x 14mm(H) x 30mm(W)
		 Ag9300	Ag9300	12V	30W	Three low cost bridge rectifiers Two low cost smoothing capacitors	IEEE 802.af and IEEE 802.at 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 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.af, 802.at & PoH standards HDBaseT Compatible 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 available 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 57V input required if 60W output power is needed 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 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 HDBaseT Compatible . Built-in safety features. Packaging: DIL: 51mm(L)x35mm(W)x7mm(H)

Silvertel also manufacturers modules for Wireless Charging, SLA Battery Charge Controllers, Analogue Telecom. A 12W PoE Splitter, the PA1212, is also available. All of Silvertel's modules are designed and manufactured in the UK ensuring the highest quality at competitive pricing.

Version 4.0 Oct 2013

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