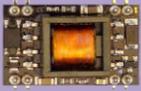
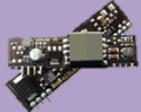
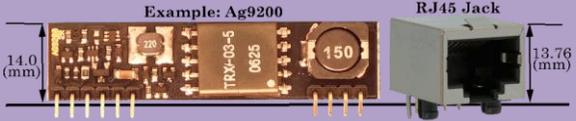
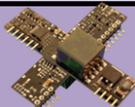
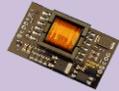
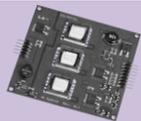


	Product Family	Part No.	Nominal Output Voltage	Max Output Power	External Components Required	Benefits
Worlds Smallest Isolated PoE Powered Device		Ag9812	12V	12W	Two Bridge Rectifiers Low Cost Smoothing capacitor	M : Standard module Smallest PD solution available Low cost Class 0 operation MT : Provides Over Temperature Protection SMT package size-28mm(L) x 17.8mm(W) x 12mm(H)
		Ag9805	5V	9W		
		Ag9803	3.3V	6W		
Isolated PoE Powered Device (PD) Modules		Ag9712	12V	12W	M & S:2 bridge rectifiers & low cost smoothing capacitor 2BR:Low cost smoothing cap (BRs are onboard) *No 3V option in SMT package(M=SMTpackage)	Very low cost isolated solution Pin compatible with Ag9400/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		
		Ag9703 *	3.3V	6W		
		Ag9724-FL	24V	12W	Low cost smoothing capacitor (Bridge Rectifiers are onboard)	Industrial Temperature Over Temperature Protection Very low Ripple Output Programmable Classification Pin compatible & suggested replacement for Ag9000 SIL package - 56mm(L) x 18(W) x 14mm(H)
		Ag9712-FL	12V	12W		
		Ag9705-FL	5V	9W		
		Ag9703-FL	3.3V	6W		
		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		
		Ag9312	12V	12W	Three low cost bridge rectifiers Two low cost smoothing capacitors	Triple Input – PoE / 24V AC / 12V DC DIL package - 51mmx30mmx16mm Designed for use in IP Cameras
		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	SIL 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). 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 PoE+ Powered Device	 Ag5300	Ag5300	12V	30W	Two low cost bridge rectifiers One low cost smoothing capacitor	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 capacitor	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	 Ag5610	Ag5610	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, UPOE & PoH (HDBaseT) Packaging: Ag5610 - 75mm(L) x 70mm(W) x 9mm (H)
PSE MODULES	Single Channel PSE Module 30W & 60W	 Ag6100-S	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 -S only 57V input required if 60W output power from -HP SIL package - 8mm(D)x53mm(L)x14mm(H)
		 Ag6100-HP	Ag6100-HP	48V/57V	60W		
	4 Channel PSE Module	 Ag6400-S	Ag6400-S	48V/57V	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	57V	100W	No external components required	With Ag5610: 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 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.

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