


	Product Family	Part No.	Nominal Output Voltage	Max Output Power	External Components Required	Benefits
<b>Worlds Smallest Isolated PoE Powered Device</b>		<b>Ag9924</b>	24V	12W	Two Bridge Rectifiers Low Cost Smoothing capacitor	M : Standard module Smallest PD solution available in the world Low cost Class 0 operation MT : Provides Over Temperature Protection SMT package size-21mm(L) x 14mm(W) x 13.35mm(H)
		<b>Ag9912</b>	12V	12W		
		<b>Ag9905</b>	5V	9W		
		<b>Ag9903</b>	3.3V	6W		
<b>Isolated PoE Powered Device (PD) Modules</b>		<b>Ag9812</b>	12V	12W	Two Bridge Rectifiers Low Cost Smoothing capacitor	M : Standard module Small PD solution Low cost Class 0 operation MT : Provides Over Temperature Protection SMT package size-28mm(L) x 17.8mm(W) x 12mm(H)
		<b>Ag9805</b>	5V	9W		
		<b>Ag9803</b>	3.3V	6W		
		<b>Ag9712</b>	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)
		<b>Ag9705</b>	5V	9W		
		<b>Ag9703 *</b>	3.3V	6W		
		<b>Ag9724-FL</b>	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)
		<b>Ag9712-FL</b>	12V	12W		
		<b>Ag9705-FL</b>	5V	9W		
		<b>Ag9703-FL</b>	3.3V	6W		
		<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>	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	
<b>Why Silvertel?</b>	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 ). Ag9900 is even smaller.				 <p>Example: Ag9200 RJ45 Jack</p> <p>14.0 (mm) 13.76 (mm)</p>
	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				

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PD MODULES	Worlds Smallest Isolated 30W PoE+ Powered Device	 <p>Ag5300 Ag5324</p>	12V 24V	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	 <p>Ag5200</p>	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.
		 <p>Ag5100</p>	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)
		 <p>Ag9330</p>	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	 <p>Ag5510</p>	12V or 24V	60W	Two low cost bridge rectifiers Three low cost smoothing capacitors	Class programming capability DIL package - 70mm(L) x 15.6mm(H) x 30mm(W)
	Isolated PoH/PoE 100W Modules	 <p>Ag5610</p>	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 ( <b>HDBaseT</b> ) Packaging: Ag5610 - 75mm(L) x 70mm(W) x 9mm (H)
PSE MODULES	Single Channel PSE Module 30W & 60W	 <p>Ag6100</p>	48V/57V	39W	No external components required. * Ag7100 complements Ag6100 with DC-DC conversion and IEEE isolation for applications up to 30W	Compliant to IEEE 802.3af & 802.3at standards Class programming capability Industrial temperature option as standard Ag6100S only 57V input required for 74W output power from Ag6110 SIL package - 8mm(D)x53mm(L)x14mm(H)
		Ag6110	48V/57V	74W		
	4 Channel PSE Module	 <p>Ag6400</p>	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	 <p>Ag6600</p>	57V	100W	No external components required	With Ag5610: 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)	