

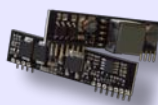
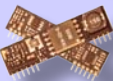
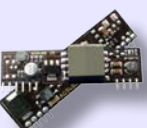
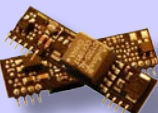


Non-isolated PoE Modules

Family	Part Number	Nominal Output Voltage	Maximum Output Power	External Components Required	Benefits
	Ag8012	12V	12W	Low cost smoothing capacitor	Lowest cost product Bridge rectifier fitted on module Class programming capability SIL package - 56mm x 14mm
	Ag8005	5V	6W		
	Ag8003	3.3V	5W		
	Ag8112	12V	12W	Two bridge rectifiers Low cost smoothing capacitor	Smallest product Class programming capability SMT package - 32mm(L) x 18mm(W) x 11.5mm(H)
	Ag8105	5V	7W		
	Ag8103	3.3V	5.25W		
	Ag9120	12V	12W	Low cost smoothing capacitor	Designed for IP phones and WAPs Class programming capability SIL package - 56mm x 14mm
	Ag9050	5V	9W		
	Ag9033	3.3V	6W		
	Ag9205	5V	13W	Two bridge rectifiers Low cost smoothing capacitor	High efficiency synchronous rectification Class programming capability SIL package - 56mm x 14mm
	Ag9203	3.3V	10W		
	Ag9424	24V	12W	Two versions available: -S : Two bridge rectifiers Low cost smoothing capacitor -2BR : Low cost smoothing capacitor (Module includes two bridge rectifiers)	Low cost Pin compatible with Ag9000 Class 0 operation SIL package - 56mm x 14mm
	Ag9412	12V	12W		
	Ag9405	5V	10W		
	Ag9403	3.3V	6.6W		
	Ag9612	12V	12W	Two versions available: -S : Two bridge rectifiers Low cost smoothing capacitor -2BR : Low cost smoothing capacitor (Module includes two bridge rectifiers)	Lowest cost isolated solution Pin compatible with Ag9000 Class 0 operation SIL package - 56mm x 14mm
	Ag9605	5V	9W		
	Ag9603	3.3V	6W		

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 in2 (See picture)

Safety

Modules are compliant to IEEE 802.3af or IEEE 802.3at

Quicker time-to-market

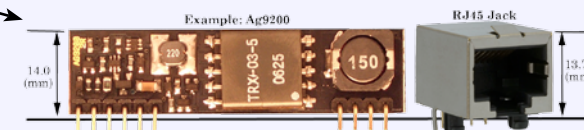
The modules are optimized PoE circuits. No copying reference design with many external components

Low cost solution

Modules are a lower cost solution compared to IC solutions

Compliance

Tested to meet international EMC standards



	Family	Part Number	Nominal Output Voltage	Maximum Output Power	External Components Required	Benefits
Isolated PoE module including DC and AC input Isolated pluggable module for IP cameras		Ag9300	12V	12W	Three low cost bridge rectifiers Two low cost smoothing capacitors	Triple Input – PoE / 24V AC / 12V DC Class programming capability DIL package - 50.6mm x 30mm
		Ag9512				No external components required
Isolated PoE+ module		Ag9512-38	12V	12W		
		Ag9512-40	12V	12W		
Isolated PoE Ultra module		Ag5100	12V or 24V	30W	Two low cost bridge rectifiers Three low cost smoothing capacitors	Compliant to IEEE 802.3af Class 4 operation (IEEE 802.3af defaults to class 0) DIL package - 70mm x 30mm
200W PD module		Ag5500	12 or 24V	60W	Two low cost bridge rectifiers Three low cost smoothing capacitors	Class programming capability Packaging: Half brick
200W PSE module		Ag5700	24V	200W	Two bridge rectifiers One low cost smoothing capacitor	With Ag6700: Only 200W PoE solution available 8mm thick to enable use of at screen TV Several built-in protective safety features
4 channel PSE module		Ag6700	58V	230W	No external components required	With Ag5700: Only 200W PoE solution available Several built-in protective safety features
Power splitter		Ag6400	48V / 56V	30W / Channel	No external components required	Compliant to IEEE 802.3af and at standards Class programming capability Supports hardware and software modes SIL package - 56mm x 14mm
		PA1212			<ul style="list-style-type: none"> IEEE802.3af compliant Regulated 12V DC output Low output ripple and noise Wide Input voltage range Overload and short-circuit protection 	<ul style="list-style-type: none"> 1500V isolation (input to output) Simple installation CE and FCC part 15 certified Enables PoE functionality for legacy products

