Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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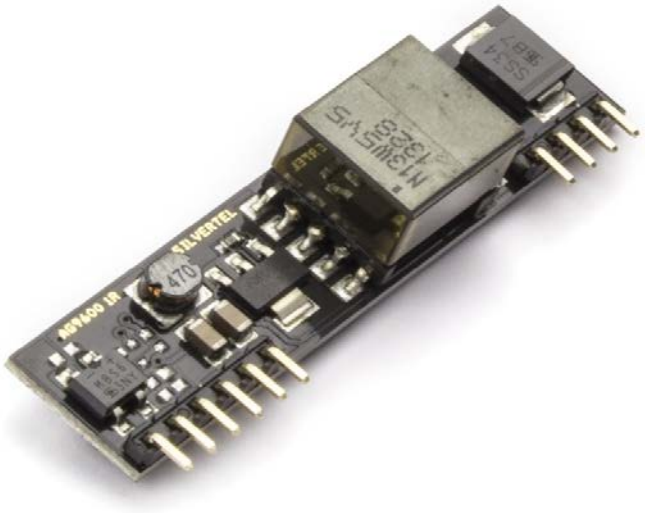
PoE module 5V

Model : X000010



Description

The AG9605-2BR is a module designed to extract power from a conventional twisted pair Category 5 Ethernet cable, conforming to the IEEE 802.3af Power-over-Ethernet (PoE) standard.

AG9605-2BR provides the PoE compatibility signature and power classification required by the Power Sourcing Equipment (PSE) before applying up to 9W power to the port.

The high efficiency DC/DC converter operates over a wide input voltage range (36V to 48V typ) and provides a regulated low ripple and low noise output. The DC/DC converter also has built-in overload and short-circuit output protection.

Features:
IEEE802.3af compliant
Small SIL package size - 56mm (L) x 14mm (H)
Low output ripple and noise
Input voltage range 36V to 57V
Overload and short-circuit protection
High efficiency DC/DC converter (75% typ)
1500V isolation (input to output)

This module could be used **ONLY** with Arduino Yun (for products Arduino Ethernet shield and Arduino Ethernet please use the X000002 module)

http://world.arduino.org/en/poe-module-5