

About Isolation

Our broad portfolio of isolation products use Chipanalog's capacitive isolation technology based on silicon oxide (SiO₂) insulation barrier that provide complete galvanic isolation between two power domains. We offer

Digital Isolator, Isolated Interface, Isolated Power, Isolated Signal Chain, Isolated Driver. With Chipanalog's advanced capacitive isolation technology, our isolation family products feature high reliability, high electromagnetic immunity, low propagation delay and low jitter. Thousands of customers have adopted these solutions in their end applications.

Isolation

Digital Isolator

Digital Isolators with Integrated Isolating Power

Standard Digital Isolator

Reinforced Digital Isolators

Low Power Digital Isolator

Automotive Standard Digital Isolators

Isolated Interface

I2C Isolator

Isolated CAN Transceiver

Isolated RS-485 Transceiver

Isolated RS-485/RS-422 Transceiver with Integrated Isolating Power

Isolated DI

Isolated Power Supply

Isolated DC-DC Converter

Isolated Signal Chain

Isolated Amplifier

Isolated Amplifier for Voltage Sensing

Isolated AD

Automotive Isolated Amplifier

Isolated Driver

Standard Isolated Driver

Isolated Half-bridge Driver

Isolated Automotive Half-bridge Driver

Isolating Switch

About Interface

Chipanalog's interface products include CAN/LIN/SBC transceivers, RS-422/RS-485 transceivers, AISG, HOMBUS etc. solutions. These devices feature both high-voltage fault protection, high-ESD protection, and extended common-mode voltage range. They are ideal for the harsh environment applications, such as industrial, automotive, communication, energy storage, home appliances etc.

Interface	
<u>CANAutomotive</u>	CAN/LIN
<u>CANAutomotive LIN</u>	
<u>RS-485/422</u>	RS-485/422/232
<u>RS-232</u>	
<u>LiteSBC-CAN</u>	SBC
<u>LiteSBC-LIN</u>	
<u>AISGHomeBus</u>	Others

About HPA, driver & Power

The isolator chip product line is a chip product line based on SiO₂ capacitive isolation technology, covering: standard digital isolator, digital isolator for ammeter, standard digital isolator with integrated isolated power supply, isolated I2C, isolated CAN, isolated CAN with isolated power supply, isolated RS-485/422, isolated RS-485/422 with isolated power supply, low-cost isolated RS-485/422, 0.5W fully integrated isolated power supply, fully differential isolated op amp, isolated error op amp, etc.

This product series has the characteristics of excellent isolation characteristics, stability and durability, and high reliability, and has been applied in batches by more than 1,000 customers.