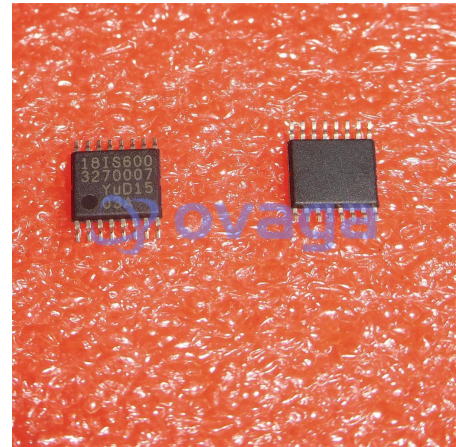


SPI to IC-bus interface

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	VPE: 96/TUBE/TSSOP
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SC18IS600IPW or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

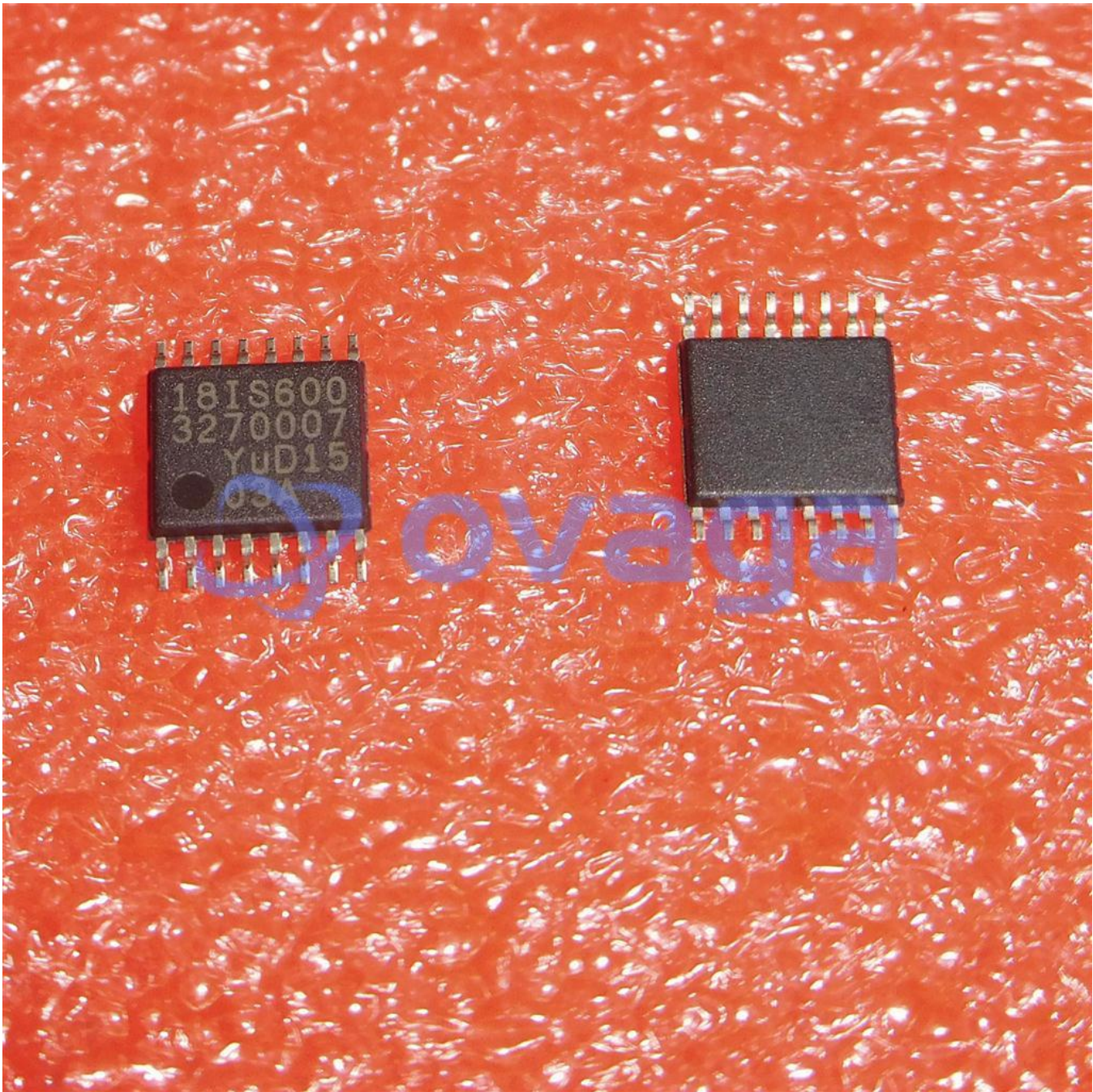
SC18IS600IPW is an I2C-bus to SPI Bridge IC, which is used to interface SPI devices with I2C-bus. It is a small, low power, and cost-effective solution that enables a system to communicate with up to 8 SPI devices using only two wires, SDA (serial data) and SCL (serial clock) of the I2C-bus.

Features

- Up to 8 SPI devices can be connected
- Supports SPI clock frequencies up to 15 MHz
- 3.3 V or 5 V supply voltage
- Low standby current consumption (less than 1 uA)
- Automatic detection of SPI modes (0,0 and 1,1)
- 16 bytes of transmit and receive buffer
- Interrupt output to signal end of transmission or reception

Application

- Industrial automation
- Consumer electronics
- Medical equipment
- Automotive electronics
- Networking equipment
- Embedded systems



Related Products



a. PC-bus interface

[SC16IS760IPW](#)

NXP Semiconductor
TSSOP-24



[SC18IS602BIPW](#)

NXP Semiconductor
TSSOP-16



[SC28C94A1A](#)

NXP Semiconductor
PLCC-52



[SC28L194A1A](#)

NXP Semiconductor
PLCC-68



[SC28L202A1DGG](#)

NXP Semiconductor
TSSOP-56



[SCC2692AE1A44](#)

NXP Semiconductor
PLCC-44



[SCC2691AC1D24,512](#)

NXP Semiconductor
SO-24



[SC16C750BIB64,157](#)

NXP Semiconductor
LQFP-64