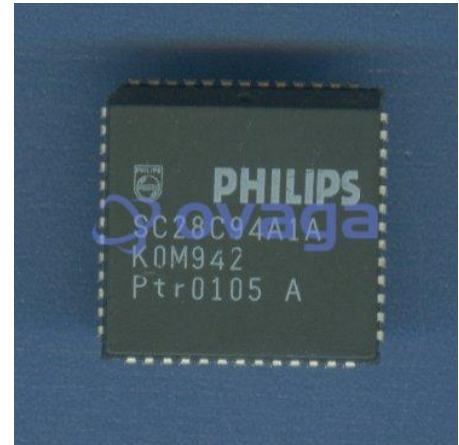


Quad universal asynchronous receiver/transmitter (QUART)

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	PLCC-52
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SC28C94A1A or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

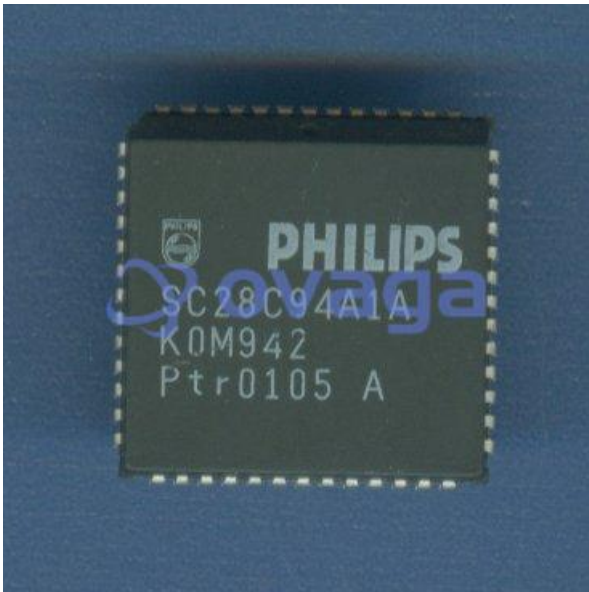
SC28C94A1A is a UART (Universal Asynchronous Receiver/Transmitter) integrated circuit (IC) manufactured by NXP Semiconductors. It is a single-chip, 4-channel UART that can be used for serial data communication between two devices.

## Features

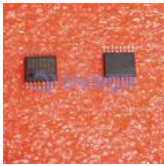
- 4 independent UART channels
- Programmable baud rate generator
- Supports full-duplex and half-duplex modes
- Supports a variety of data formats including 5, 6, 7, or 8 data bits, even/odd/no parity, and 1 or 2 stop bits
- Provides internal loopback for diagnostic purposes
- Supports both interrupts and DMA (Direct Memory Access) for data transfer

## Application

- Data communication between a computer and a peripheral device
- Interfacing with sensors, motors, and other control devices in industrial automation systems
- Communication between microcontrollers in embedded systems
- Networking equipment such as routers, switches, and modems

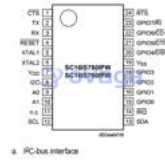


#### Related Products



[SC18IS600IPW](#)

NXP Semiconductor  
VPE: 96/TUBE/TSSOP



[SC16IS760IPW](#)

NXP Semiconductor  
TSSOP-24



[SC18IS602BIPW](#)

NXP Semiconductor  
TSSOP-16



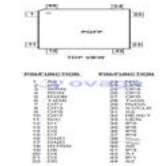
[SC28L194A1A](#)

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