

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

XR-68C681
XR-88C681

STARTECH
An EXAR Company

Printed November 29, 1995

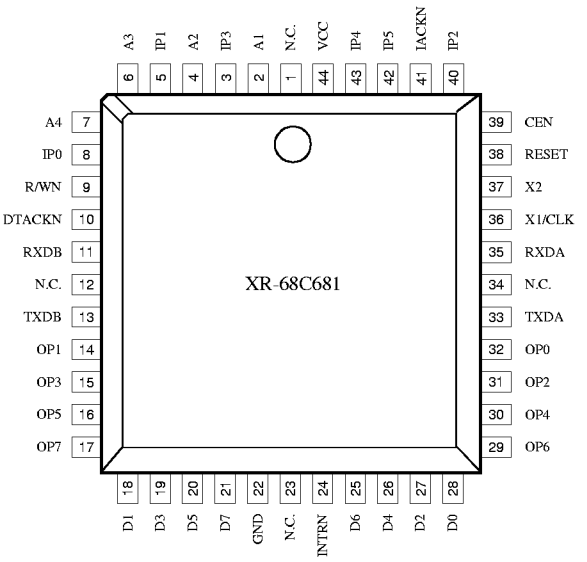
DUAL UNIVERSAL ASYNCHRONOUS RECEIVER AND TRANSMITTER

DESCRIPTION

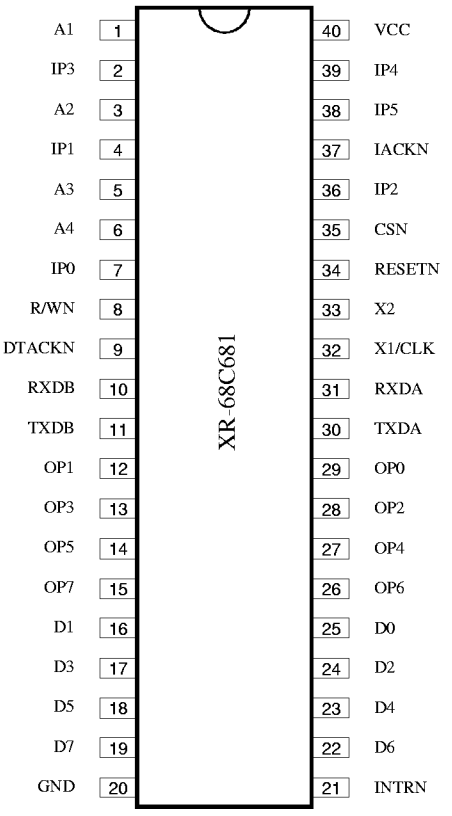
The XR-68C681/88C681 is a Dual Universal Asynchronous Receiver and Transmitter with 3 bytes of receive FIFO. The XR-68C681/88C681 is the improved version of the Signetics SCC2681 Dual UART with additional features.

The XR-68C681/88C681 provides independent receive and transmit operating speeds that can be selected as one of the eighteen fixed baud rates, a 16 X clock derived from a programmable counter/timer, or an external 1X or 16X clock. The baud rate generator and counter/timer can operate directly from a crystal or from external clock input. The XR-68C681/88C681 provides a power-down mode in which the oscillator is stopped but the register contents are stored.

PLCC Package



Plastic-Dip Package



FEATURES

- Pin to pin and functional compatible to SCC2681
- 3 bytes receive FIFO
- Full duplex asynchronous transmit receive operation
- Programmable character lengths (5, 6, 7, 8)
- Parity, framing, and over run error
- Programmable 16-bit timer/counter
- On-chip crystal oscillator
- TTL compatible inputs, outputs
- Single interrupt output with seven selectable interrupting conditions
- 18 fixed baud rates from 50Hz to 1M

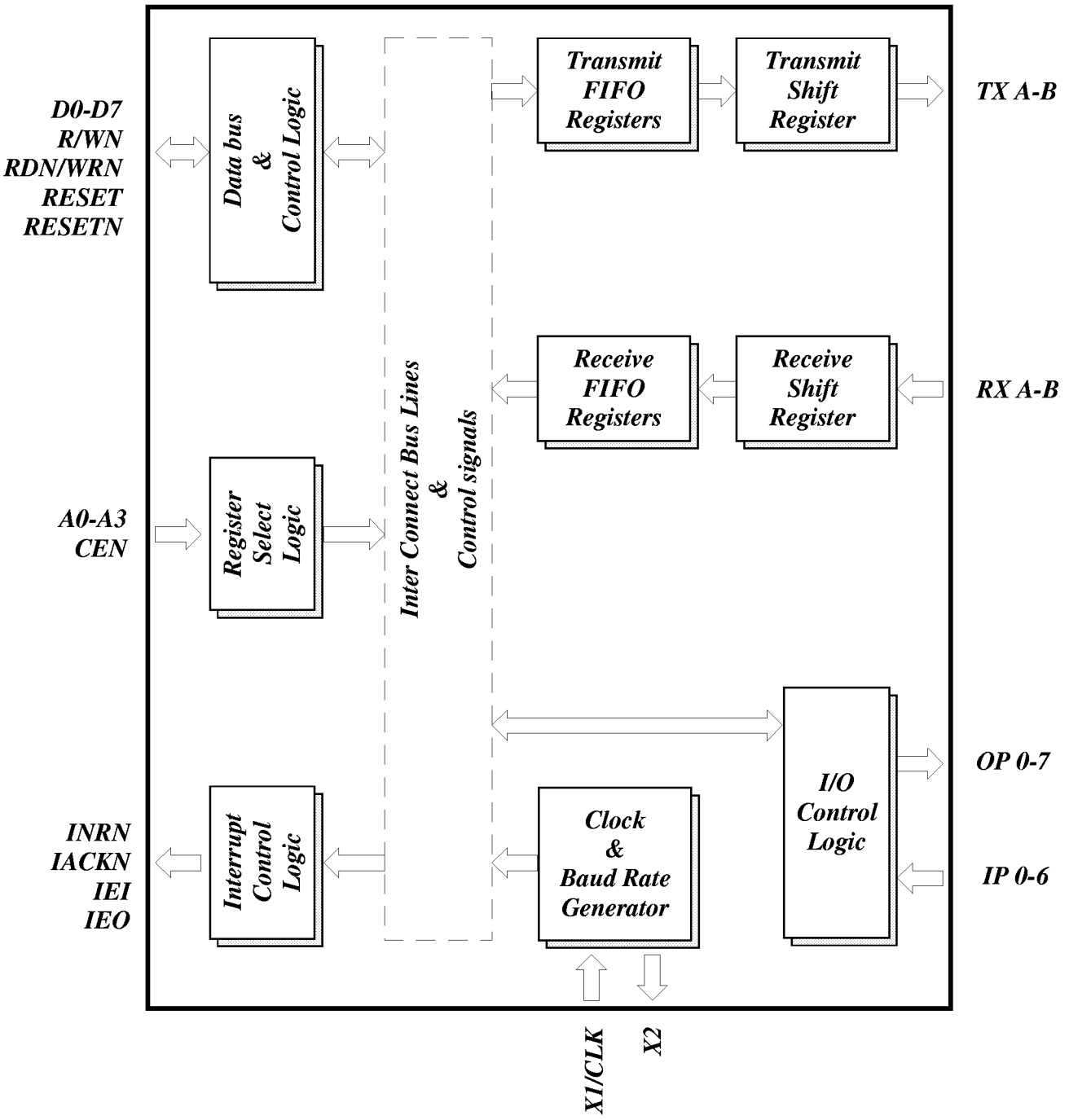
ORDERING INFORMATION

Part number	Package	Operating temperature
XR-88C681CP28	Plastic-Dip	0° C to + 70° C
XR-88C681CP40	Plastic-Dip	0° C to + 70° C
XR-88C681CJ44	PLCC	0° C to + 70° C
XR-68C681CP40	Plastic-Dip	0° C to + 70° C
XR-68C681CJ44	PLCC	0° C to + 70° C

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

XR-68C681
XR-88C681

XR-68C681/88C681 BLOCK DIAGRAM



Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP