## Single Transmitter/Receiver RS-232 10-Pin MSOP Tube
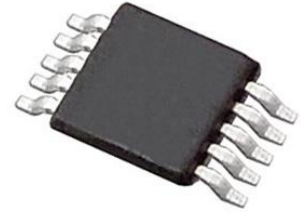
| | |
|---|---|
| **Manufacturer:** | Analog Devices, Inc |
| **Package/Case:** | MSOP10 |
| **Product Type:** | Drivers |
| **RoHS:** | RoHS Compliant/Lead free RoHS |
| **Lifecycle:** | Active |

Images are for reference only

Inquiry

## General Description

A shutdown input disables the charge pump and puts the deviceinto a low power shutdown mode, in which the current consumptionis typically less than 1 μA. The transmitter is disabledduring shutdown but the receiver remains functional.

Craft Port is a trademark of Analog Devices, Inc.An epitaxial BiCMOS construction minimizes power consumptionto 3 mW and also guards against latch-up. Overvoltageprotection is provided allowing the receiver inputs to withstandcontinuous voltages in excess of ±30 V. In addition, all I-O pinshave ESD protection to levels greater than 15 kV.

The ADM101E is available in a 10-lead μSOIC package, whichmakes it ideal for serial communications in small, portableapplications such as palmtop computers and mobile telephones,where a full, RS-232 serial interface is not required, but compactsize and low power drain are paramount.

## Key Features

460kbps Transmission rate

Compatible with RS-232 input/output levels

0.1μF Charge pump capacitors

One driver and one receiver

On-board DC-DC converter

±4.2V Output swing with 5V supply

Low power BiCMOS (500μA ICC)

Ultralow power (1μA) shutdown mode

## Recommended For You

| **ADM3490EARZ** | **ADuM3160BRWZ-RL** | **ADM3232EARUZ** |
|---|---|---|
| Analog Devices, Inc | Analog Devices, Inc | Analog Devices, Inc |
| SOP-8 | SOP16 | TSSOP-16 |

| **ADuM5211ARSZ** | **ADuM1201BRZ-RL7** | **ADV7623BSTZ** |
|---|---|---|
| Analog Devices, Inc | Analog Devices, Inc | Analog Devices, Inc |
| SSOP20 | SOP8 | LQFP144 |

| **ADuM1410BRWZ** | **AD698APZ** | **ADM3251EARWZ** |
|---|---|---|
| Analog Devices, Inc | Analog Devices, Inc | Analog Devices, Inc |
| SOP16 | PLCC28 | SOP20 |

| **ADM485ANZ** | **ADuM6400ARWZ** | **ADuM1281BRZ** |
|---|---|---|
| Analog Devices, Inc | Analog Devices, Inc | Analog Devices, Inc |
| DIP | SOP16 | SOP8 |

| **ADUM142E0BRZ** | **ADuM1412BRWZ** | **ADV7622BSTZ** |
|---|---|---|
| Analog Devices, Inc | Analog Devices, Inc | Analog Devices, Inc |
| SOP-16 | SOP16 | TQFP144 |