



# Single-Pole Double-Throw (SPDT) Switch

## SA630D

### Archived

This page contains information on a product that is no longer manufactured (discontinued). Specifications and information herein are available for historical reference only.

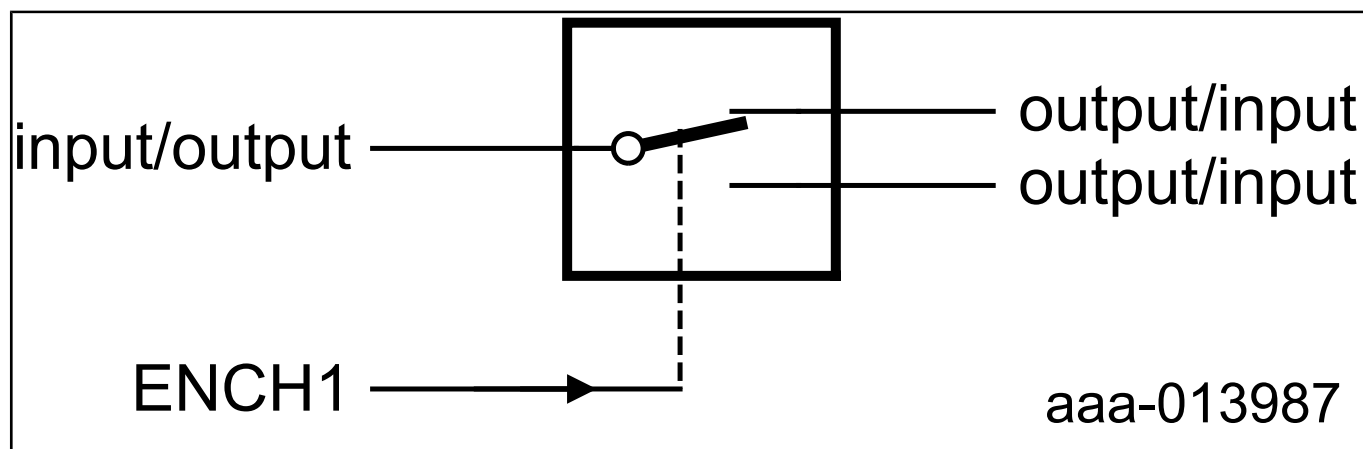
Last Updated: Mar 26, 2024

The SA630 is a wideband RF switch fabricated in BiCMOS technology and incorporating on-chip CMOS/TTL compatible drivers. Its primary function is to switch signals in the frequency range DC to 1 GHz from one 50 channel to another. The switch is activated by a CMOS/TTL compatible signal applied to the enable channel 1 pin (ENCH1).

The extremely low current consumption makes the SA630 ideal for portable applications. The excellent isolation and low loss makes this device a suitable replacement for PIN diodes.

The SA630 is available in an 8-pin SO (surface-mounted miniature) package.

## SA630 Block Diagram Block Diagram



View additional information for [Single-Pole Double-Throw \(SPDT\) Switch](#).

**Note:** The information on this document is subject to change without notice.

**[www.nxp.com](http://www.nxp.com)**

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2026 NXP B.V.