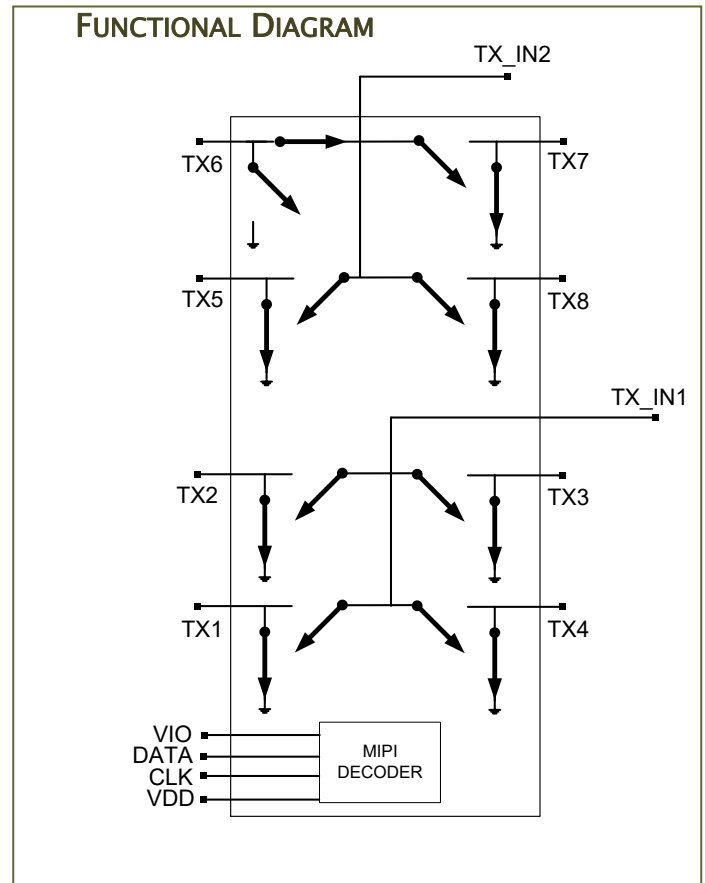


Preliminary Technical Data

Features

- ☑ CMOS SP4T plus SP4T switch from 100 MHz to 3 GHz
- ☑ ESD protection on all ports
- ☑ Very Low Insertion Loss on all paths
- ☑ High Isolation to all other paths
- ☑ Very Low harmonic levels
- ☑ Very Low IMD Products
- ☑ Integrated decoder with MIPI interface
- ☑ Single supply operation with no external capacitors required
- ☑ Available in die form for flip-chip assembly.



Description

The FE283601 is a low-cost CMOS SP4T plus SP4T switch operating from 100 MHz to 3 GHz. The switch can deliver a very low Insertion Loss of 0.29 dB at 900 MHz supporting low loss requirements for the transmit path.

For ease of use, and to save board space, the FE283601 integrates a decoder with MIPI Interface and operates from a single supply without the need for external capacitors.

The FE283601 is available in die form for flip-chip assembly. The switch is fabricated using a high

performance CMOS process optimized for RF front-end applications.

The product integrates ESD protection in the DC domain, the RF domain and uniquely has ESD protection between the RF and DC domain to protect the device prior to assembly.

This device is RoHS (Restriction of Hazardous Substances) compliant to EU Directive 2002/95/EC.

Further Information

For further information please contact sales@ferfics.com