Differential 8-bit SAR analog to digital converter

Part number

- RS8601

Overview

The RS8601 is general purpose low power 8-bit successive approximation analog to digital converter core. The RS8601 is well suited for sensors and house keeping applications.

Features

- 8-bit converter
- Differential analog input
- Low current consumption
- 1.8V supply voltage

Deliverable

- Close source database
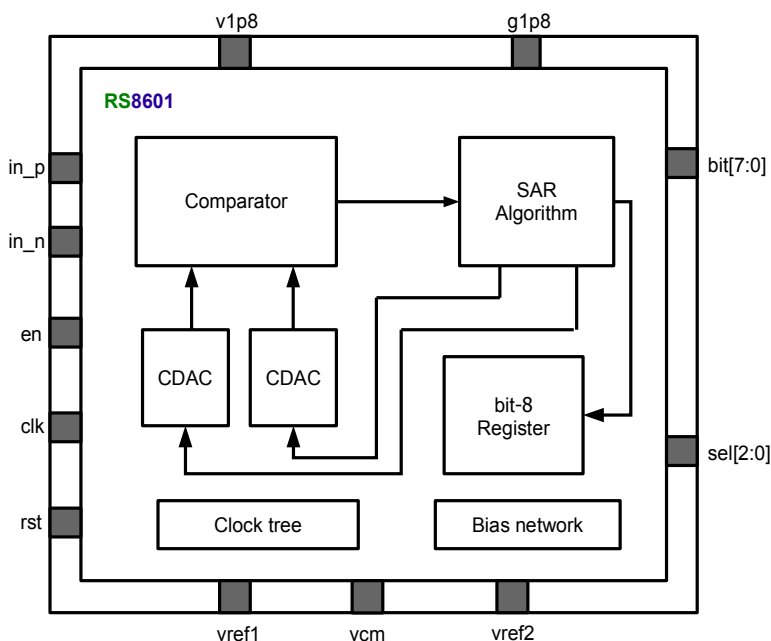 (flat GDSII)
- Open source database
- Support

Applications

- General purpose ADC
- Control systems
- House keeping

Technology node

- TowerJazz TS18

Block diagram

Main specifications

Parameters	Value
Resolution	8 bit
Reference voltage	0 to 1.8 V
DC current	0.2 mA
Supply voltage	1.8V

Contact

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