

### Description

SW-201 consists to IF AGC Amplifier I/Q quadrature demodulator and IF PLL. The SW201 is designed for use in dual mode mobile phones (GSMiCDMA) and PCS wireless system. The circuit provides IF amplification with gain control and differential Q and I base band outputs. The on chip oscillator and prescaler are also compatible with the PLL synthesizers on these devices.

### Features

- Dual Difference IF Inputs
- 5-Volt Power Supply
- 65dB AGC Gain Control
- Inner Dual Front PLL
- PLL and Prescaler divide ratios: 32/33
- Package: SSOP-28

### Applications

- Dual GSMi CDMA
- PCS wireless system
- Bluetooth system

