

AN6107SA (under development)

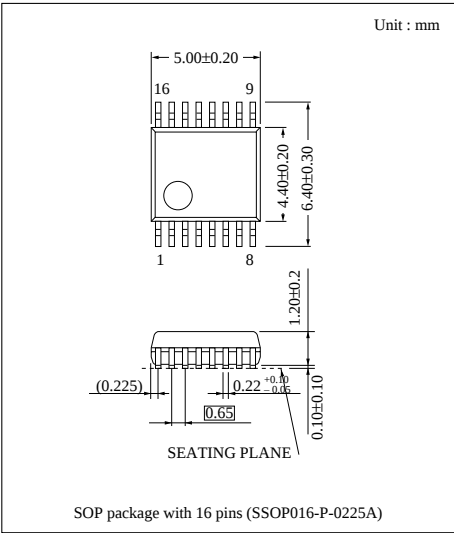
Digital Communication IF Amplifier IC

Overview

The AN6107SA is an IF amplifier IC for digital cellular telephones. It supports mixer input frequencies up to 150 MHz, featuring low current consumption.

Features

- Operating supply voltage range : 2.7 to 4 V
- Current consumption : Typ 3.9 mA during operation, 10 μ A or less at sleep
- RSSI input D range : 80 dB
- Built-in operational amplifier.
- Package : SSOP016-P-0225A with 0.65 mm pitch



Pin Descriptions

Pin No.	Description	Pin No.	Description
1	MIX-IN	9	LIM-OUT
2	MIX-DEC	10	GND-IF
3	GND-MIX	11	V _{CC} -IF
4	LO-IN	12	LIM-DEC2
5	RSSI-OUT	13	LIM-DEC1
6	OP-NEG	14	LIM-IN
7	OP-OUT	15	V _{CC} -MIX
8	OP-POS/SLEEP	16	MIX-OUT

■ Block Diagram

