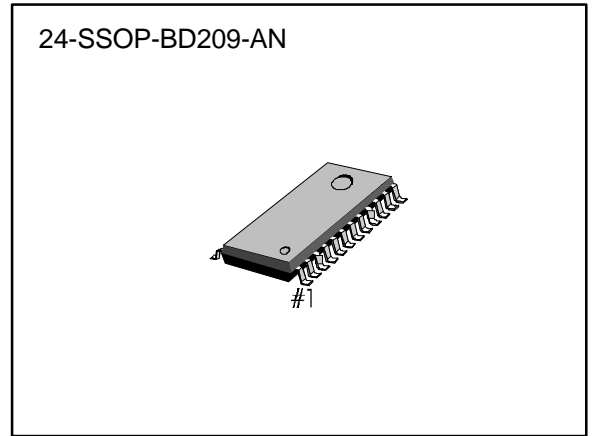


INTRODUCTION

The KA8515 is designed for FM IF detection in the FLEX pager set.

It consists of an oscillator, Mixer, Limiting IF Amp, Quadrature Detector, Regulator, RSSI (Received Signal Strength Indicator), Bit Rate Filter, and a 2-level /4-Level FSK comparator. It has a 24-SSOP (0.65 mm) Surface Mount Package.



FEATURES

- Internal A/D Converter for 4 level FSK (2-bit ADC)
- High Transmission Rate : 6400 bps (max)
- Operating Voltage Range : Vcc1 = 1.1 ~ 4.0 V
- Typical Supply Current : 1.5 mA at 1.4 V
- Low Battery Detection Circuit (alarm function) : 1.05 V
- Voltage Regulator : Vreg = 1.0 V (typ)
- Mixer Operating Frequency : 10 ~ 50 MHz
- Package Type : 24-SSOP (0.65 mm)

ORDERING INFORMATION

Device	Package	Operating Temperature
+KA8515D	24-SSOP-BD209-AN	-20 ~ +70 j É

+ : New Product

BLOCK DIAGRAM

