

Tune Up Description

FM Specification

Item	Description	Specification
1	Frequency Band	88.1 – 107.9 MHz
2	Modulation Type	FM
3	Channel Number	99
4	Channel Spacing	200 KHz

Bluetooth Specification

Item	Description	Specification
1	Frequency Band	2402 – 2480 MHz
2	Modulation Type	GFSK
3	Channel Number	79
4	Channel Spacing	1 MHz

▪ Features

KT0803 Drop-in replacement

Additional features to KT0803

Increased transmission Power

Input signal detection

Bass boost control

Professional Grade Performance:

SNR \geq 60 dB

Stereo Separation > 40 dB

International compatible 70MHz ~ 108MHz

Ultra-Low Power Consumption:

< 17 mA operation current

< 3 μ A standby current

Small Form factor:

16-pin SOP

Simple Interface:

Single power supply

Industry standard 2-wire I²C MCU

interface compatible

Advanced Digital Audio Signal Processing:

On-chip 20-bit $\Delta\Sigma$ Audio ADC

On-chip DSP core

On-chip 24dB PGA with optional 1dB step

Automatic calibration against process

and temperature

On-Chip LDO (low-drop-out) regulator:

Accommodates 1.6V ~ 3.6V supply

Programmable transmit level

Programmable pre-emphasis (50/75 μ s)

Pb-free and RoHS Compliant