

The NEM works in the 2.4GHz band, It receives DC 3.7V power from battery.

ATJ2127:

ACTIONS AT J2127 is a new generation single-chip highly-integrated digital multimedia solution for devices such as audio and video players. It is a low-cost, low-power, high-efficiency digital multimedia chip which is based on MIPS low power processor architecture with hardware accelerator. It is designed for portable audio/video product applications such as dedicated audio player, Boombox, Car-audio player ect.

RTL8761AT:

The Realtek RTL8761AT is a highly integrated single-chip Bluetooth controller with a UART interface. It combines a BT Protocol Stack(LM and LL), BT Baseband, modem, and BT RF in a single chip.

The RTL8761AT Bluetooth controller complies with Bluetooth core specification v4.0. It is compatible with previous versions, including v2.1+EDR and v3.0+HS. For BR/EDR, it supports scatternet topology and allows four active links in slave mode, and seven active links in master mode.

BT Frequency: 2402-2480MHz.