

Circuit Description

The PCEA-1187-ASBK is a USB dongle uses YC1363 as the main chip, The YC1363 is a high performance, low power System-on-Chip (SoC) compliant 2.4-GHz transceiver. The YC1363 features built-in USB, integrated capless LDOs supporting 1.7-5.5V supply range, making it a perfect microcontroller for cost-sensitive applications such as mouse devices, toys and disposables. Crystal provides a CPU reference frequency (YC1363) for 24MHz.

Voltage Range: DC 5V from USB

Frequency Range: 2401-2480 MHz

Modulation Technique: GFSK

Channel list:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2401	40	2441
1	2402	41	2442
...
...
...	...	78	2479
39	2440	79	2480