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USB Dongles

Part Number	RF-DG-22A	RF-DG-40A	RF-DG-32B	RF-DG-52PAS	USB Dongle
Photo					
IC	EFR32BG22C224	nRF52840	nRF52832	CC2652P	CC2540
Core	76.8 MHz ARM Cortex-M33	64 MHz ARM® Cortex®-M4F	64 MHz ARM® Cortex®-M4F	48 MHz ARM® Cortex®-M4F	8051
Antenna	PCB	PCB (IPEX connector leads out the NFC signal)	PCB	SMA Connector	PCB
RAM	32 kB	256 kB	64 kB	88 kB	8 kB
Flash	512 kB	1 MB	512 kB	352 kB	256 kB
Protocols	Observer, BLE master-slave protocol	Sniffer (ZigBee/BLE), Bootloader	Sniffer (BLE only), BLE master-slave protocol	ZigBee Coordinator	Beacon, Sniffer, HID, HCI, , BLE slave protocol
Max. TX Power	+6 dBm	+8 dBm	+4 dBm	+20 dBm	+4 dBm
PCBA Dimension (mm)	56.7 x 13.9 x 4.5	60 x 18.5 x 4.5	56.7 × 13.9 × 4.5	73.3 × 20 × 7.5	19.8 × 9.7 × 4.5
Overal Dimension (mm)	62.9 x 20.2 x 8.0	N/A	62.9 x 20.2 x 8.0	73.3 × 23.6 × 14.1	21.7 × 14.3 × 5.3
Functions	Beacon data monitor, BLE data packets capture, BLE gateway	Support PC nRF Connect, Support capture all BLE5.0 data packets, Can replace NORDIC Dongle	Support capture BLE5.0 data packets (except Long Range and Mesh)	Support open source platform ZHA and Zigbee2MQTT, SMA connector for feasible external antennas, Smart home gateway	Small dimension, High cost-effective, Support TI Sniffer desktop tool, USB sensor, USD adapter

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