

10/17/2019

Cover Letter for FCC Application, FCC Parts 2.909 & 2.911(d)

Please grant FCC certification for Leviton Manufacturing OXB1803 Module with 11 Part #s listed below. These products utilize the 2.4GHz Zigbee OR 2.4GHz Bluetooth protocol to work with other Zigbee/ Bluetooth products. Each module utilizes a Silicon Labs radio chip# that is integrated into the module board.

The fully certified module integrates all components (Crystals, RF passives and Chip Antenna) required for a system-level implementation of Zigbee and Bluetooth mesh networks. The module will be mounted on a carrier board and configured for either Zigbee OR Bluetooth protocol from the firmware.

Serial #	FCC ID#	Leviton Part #	Chip #	MCU		RF Performance		Protocol		PCB
				Flash	RAM	TX power Output dBm	Antenna Type	Bluetooth Low Energy	Zigbee	
1	QGH-ZBMG	OXB18031003CC01	EFR32MG1P232F256GM48	256	32	19.5	Chip	✓	✓	B1803
2		OXB18031002CC03	EFR32MG1P132F256GM48			16.5	Chip	✓	✓	
3		OXB18031003CZ05	EFR32MG1B232F256GM48			19.5	Chip	-	✓	
4		OXB18031002CZ07	EFR32MG1B132F256GM48			16.5	Chip	-	✓	
5		OXB18031000CZ09	EFR32MG1V132F256GM48			8	Chip	-	✓	
6		OXB18032233CC11	EFR32MG12P432F1024GM48	1024	256	19.5	Chip	✓	✓	
7		OXB18032231CC13	EFR32MG12P332F1024GM48			10	Chip	✓	✓	
8		OXB18032223CC15	EFR32MG12P232F1024GM48			19.5	Chip	✓	✓	
9		OXB18032221CC17	EFR32MG12P132F1024GM48	512	64	10	Chip	✓	✓	
10		OXB18033113CC19	EFR32MG13P732F512GM48			19.5	Chip	✓	✓	
11		OXB18033111CC21	EFR32MG13P632F512GM48			10	Chip	✓	✓	

Sincerely,
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