

Description of Permissive Change

This report is prepared for FCC class II permissive change. The difference compared with the original design the differences are version of RoHS, POE, main board and outer appearance.

The Comparison Between WAPD-142AG and WAPD-163AG(RoHS Version)			
Item	WAPD-142AG - P-780 (prior)	WAPD-163AG - BW2250 (after)	Note
Clock Buffer IC	PI49FCT3807Q20 CLOCK DRIVER	ASM5I2305AF-1H-08-SRPCS ALLIANCE	U11
SINGAL PHY IC	IC BCM5221KPT 64PIN TQFP BRCOADCOM	KSZ8721BI 10/100 BASED PHY MICREL	U5
LDO for PHY		IC REGULATOR (G) MIC5255-2.5YM5 MICREL	U24,for KSZ8721 2.5V Input
Crystal	X'TAL MS3VT1R32.768 MICRO-CRYSTAL BRAND	X'TAL MS3V-T1R 32.768 SWITZERLAND	Y3
PoE	POE CONTROLLER (G) TPS2375PWR TI	Module	U17
	IC TPS40061 WIDE INPUT BUCKCONTROLER TI		U16
Driver IC	MAX3232CBDR TI	ZT3232LEEY 2D2R ZYWYN	U15

*Most items of the WAPD-163AG are all the RoHS part of the original manufactures. We only change the some circuit design of that as the table.