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Product Equality Declaration

We, Motorola Mobility LLC.declare on our sole responsibility for the product of **AP(10648)**,
AP-B28(11363),**EMEA(10717)**, **LA(10718/10719)** as below:

■ RF section

1. Frequency band difference

Radio Functionality Matrix -Same Row indicates Signal Path is Shared among SKUs				
Bands/Modes	AP	AP-B28	EMEA	LA
	(10648)	(11363)	(10717)	(10718/10719)
FCC ID	IHDT56WF3	IHDT56WF4	IHDT56WF2	IHDT56WF1
GSM 850	x	x	x	x
GSM 900	x	x	x	x
GSM 1800	x	x	x	x
GSM 1900	x	x	x	x
LTE 1	x	x	x	
LTE 2				x
LTE 3	x	x	x	x
LTE 4				x
LTE 5	x	x	x	x
LTE 7	x	x	x	x
LTE 8	x	x	x	
LTE 20			x	
LTE 28		x		x
LTE 38			x	
LTE 40	x	x	x	
WCDMA 1	x	x	x	x
WCDMA 2	x	x	x	x
WCDMA 4				x
WCDMA 5	x	x	x	x
WCDMA 8	x	x	x	x
WLAN 2.4GHz	x	x	x	x
WLAN 5GHz				
Bluetooth DTV	x	x	x	x

2. Board difference

		AP(10648)	AP-B28(11363)	EMEA(10717)	LA(10718/10719)
WWAN	IC	MT6169	MT6169	MT6169	MT6169
	Component on PCB	See Note1			
	Antenna	With the same antenna pattern and match			
BT	IC	MT6625L	MT6625L	MT6625L	MT6625L
	Component on PCB	Same across all SKUs			
	Antenna	With the same antenna pattern and match			
WLAN 2.4GHz	IC	MT6625L	MT6625L	MT6625L	MT6625L
	Component on PCB	Same across all SKUs			
	Antenna	With the same antenna pattern and match			
NFC	IC	Not support	Not support	Not support	Not support
	Component on PCB	Same across all SKUs			
	Antenna	With the same antenna pattern and match			
E-compa ss	IC	Not support	Not support	Not support	Ak09912C
	Component on PCB	Same across all SKUs			
	Antenna	With the same antenna pattern and match			
SAR cap Sensor	IC	Not support	Not support	Not support	Not support
	Component on PCB	Same across all SKUs			
	Antenna	With the same antenna pattern and match			

Note 1

- Compare to EMEA ,one SAW and one Duplexer can be saved in PRX chain of AP SKU, two SAW can be saved in DRX of AP SKU chain ,Because there is no B38 &B20in AP SKU.
- Compare to EMEA ,one more SPDT and two Duplexer are applied in PRX chain of AP_28 SKU, which is used for B28; one Duplexer of band20 is saved in PRX , one SAW of band28 is different to SAW of band20 is need in DRX.
- Compare to EMEA, one more Duplexer is applied in PRX chain of LA SKU, Because there is B4 in LA SKU; One SAW can be saved for band8, and one SAW be applied for band4 in DRX chain of LA SKU.

■ SW section

For this particular Motorola project all SKUs will be sharing the same SW version. The main differences exist per SKUs are related to RF Bands supported (including here availability of CDMA RAT or not). Regarding the SW/FW, there is NOT much difference between SKUs. Note that specific features are enabled via MCFG depending on SIM Card inserted to device, as the lab tests are usually performed with a base FSG setup, we should not expect differences on the protocol level between all SKUs.

■ Mechanical section

There is no difference in mechanical design and materials used for all SKUs of Petanque 4G .

There are differences in terms of memory configuration and number of SIM's supported across different SKUs.

Country / Sub-region	RF SKU	Petanque 4G	SIM	Memory
AP	AP SKU	10648	DS	1+16G
AP-B28	AP SKU	11363	DS	1+16G
EMEA	EMEA SKU	10717	DS	1+16G
			SS	1+16G
LA	LA SKU	10718	DS	1+8G
		10719	SS	1+8G

Except for difference listed above:

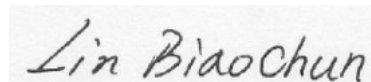
- RF trace: same across AP, EMEA & LA SKUs.
- PCB layout: same across AP, EMEA & LA SKUs.
- PCBA: for any DS/SS models under the same SKU the same PCBA will be used. For example, EMEA DS/SS will share the same PCBA and the only difference is that SS model will have only one SIM slot. PCBA of each SKU is unique because the RF components will differ from SKU to SKU.
- WLAN/BT/GPS/Diversity antenna type, antenna pattern, antenna location, antenna matching value and chipset: Same across AP, EMEA & LA SKUS.
- AP, EMEA & LA SKU does not support NFC.
- Main antenna, covers 699~960 MHz, 1710~2170 MHz and 2300~2700 MHz ,is sharing the same antenna pattern, location and chipset with all SKUs.
- Diversity antenna, covers 699~960 MHz, 1710~2170 MHz and 2300~2700 MHz, is sharing the same antenna pattern, antenna matching value, location and chipset with all SKUs.
- AP, EMEA & LA SKUs will use adaptor.

Country / Sub-region	DESCRIPTION	RF SKU	SIM	Petanque 4G
AP	Input : AC100-240V~50/60Hz 500 mA Output : 5V, 1A	AP SKU	DS	10648
AP-B28	Input : AC100-240V~50/60Hz 500 mA Output : 5V, 1A	AP SKU	DS	11363
EMEA	Input : AC100-240V~50/60Hz 500 mA Output : 5V, 1A	EMEA SKU	DS	10717
EMEA	Input : AC100-240V~50/60Hz 500 mA Output : 5V, 1A		SS	
LA	Input : AC100-240V~50/60Hz 500 mA Output : 5V, 1A	LA SKU	DS	10718
LA	Input : AC100-240V~50/60Hz 500 mA Output : 5V, 1A		SS	10719

Except above, the others are all the same.

Should you have any questions or comments regarding this matter, please have my best attention.

Sincerely yours,

A handwritten signature in black ink that reads "Lin BiaoChun". The signature is written in a cursive style with a horizontal line underneath it.

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