

Declaration of changes from Initial(7H10) to Variant (7Q10)

We, Qingdao Chuangjian Weilai Technology Co., Ltd, declare on our sole responsibility Also please examine the possibility of electronic display by software for the label requirements. If we can realize this, we can minimize or possibly eliminate printing on our products. So please cautiously study the possibility. for the product of A7H10 to A7Q10 as below:

FCC ID :2A5NV-A7H10 is a Change ID of FCC ID: 2ATRW-A7H10
ISED ID : 28409- A7H10 is multiple list of ISED ID : 25707 -A7H10;

Thus all related report &photos should refer to the database of original ID(2ATRW-A7H10/ 25707-A7H10) from FCC/ISED website.

New model A7Q10 compared to initial model(A7H10) has removed the BLE chip and replace the non-RF circuit material with equivalents.

Note: The removed BLE chip is a separate chip, because the Controller was changed and this chip is no longer needed. Except this chip,we still have BT function in the WiFi&BT integrated chip is preserved.

Software change from A7H10 to A7Q10

- Protocol Stack changes: No
- Other changes detailed: No

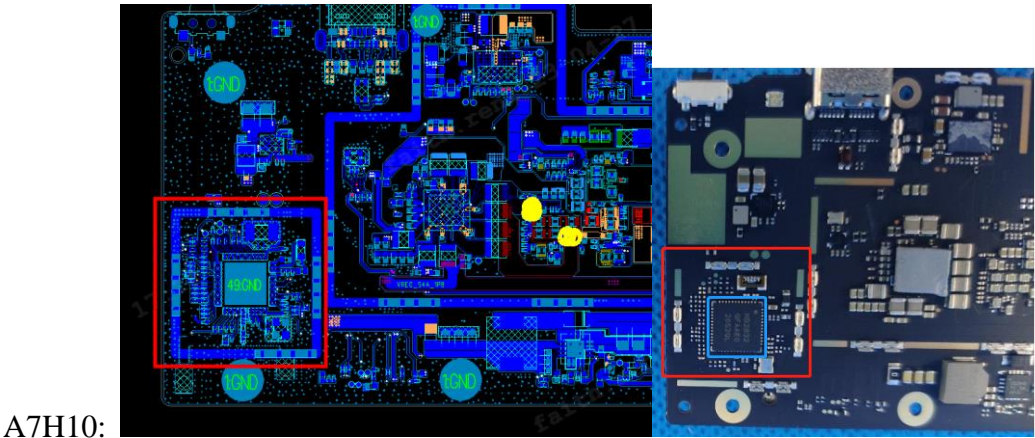
HW change from FCC ID: 2A5NV-A7H10 to 2A5NV-A7Q10

1. Antenna Changes :Removed BLE antenna
2. PCB layout changes : NO
3. BOM(components) changes:

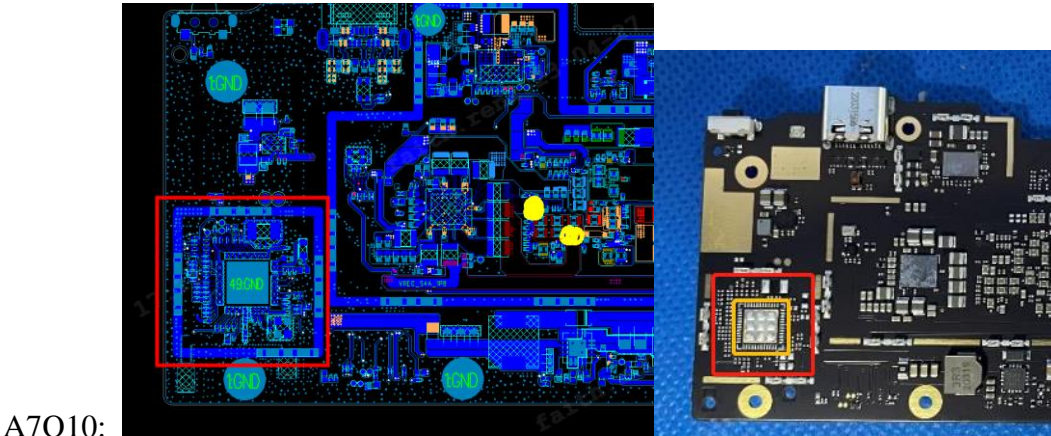
BOM Position	Before Change (A7H10)		After change(A7Q10)		Remark
Main Board	nRF52832-QFAA-R	U4201	/	U4201	Removed BLE Chip
Main Board	H9HKNNNEBM AVAR-NEH MT53D768M64 D4SQ-046 WT:A K3UH6H60BM-AGCL	U2702	H54GE6AY RHX270N	U2702	Change DDR Model
Main Board	THGJFCT1T84B AKC	U2701	THGJFCT0 T44BAIL	U2701	Change UFS storage IC From 256G to 128G

	SDINEDK4-256G		SDINEDK4-128G		
	SDINEDK4-256-1253		SDINFDK4-128-1253		
			KLUDG4U HDC-B0E1		
			SDINFDK4-128G		
Main Board	TPS55340RTER	U4501	SC8201QDER	U4501	Change Dimmer IC from TI to SOUTHCHIP
Main Board	WSA-8815-0-35WLNSP-TR-02-0	U2902 ,U2903	/	U2902,U2903	Removed PA Chip
Main Board	VXR7200	U4701	/	U4701	Removed DP to MIPI chip
IMU Board	ICM-42688-P	U201	ICM-42670-P	U201	Change Sensor Model, same supplier.

4. Wireless(BT) changes : A7Q10 removed the BLE chip ((separate chip)) , See below pictures red part are circuit diagram



A7H10 have this BLE chip (nRF52832-QFAA-R)



A7Q10 removed the BLE chip (yellow circled)
Removed chip is on left corner, while WiFi&BT integrated chip location is on right top as picture.



5. Other changes detailed

Accessories	A7H10	A7Q10	Remark
Battery	NEO3-J	NEO3	Only foreign certification and labels are different, other electrical characteristics are the same
USB cable	SXNKK-A001A	SXNKK-A001A	Same
SPK	GVT953214-M106L/ GVT953214-M106R	40YX1511-02L/ 40YX1511-02R	Change SPK model
Display module	LS055B3SX04	LPM055M493F	Change Display Module IC
Camera	OAF2527	NO	Removed
BLE antenna	WA-F-LA-01-018	NO	Removed

Contact Person: Fannie Chen

Position/Title: Certification

Signature : Fannie Chen

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