

## Product: TA-1049

# Hardware Change Description

## 1. INTRODUCTION

This document describes the baseline and modifications made to the TA-1049 product certification baseline. Inbox accessory changed also needed. It is used as documentation for recommending necessary amount of testing for the HW upgrades.

This document covers the mechanical change as well. When recommending tests to be performed due to a particular change, only the applicable certification requirements, as identified in the current approved version of the Product Certification Plan will be considered.

Any reference to a specific hardware configuration shall be unique. The terms HW version and HWID shall be used to identify a specific hardware configuration, but one HW version or HWID shall always refer to only one specific configuration.

Model Name	FCC ID	SW Version (SW1)	HW Version (HW1)
TA-1049	2AJOTTA-1049	000C_0_34A	HW0303

to

Model Name	FCC ID	SW Version (SW2)	HW Version (HW2)
TA-1049	2AJOTTA-1049	000C_0_34A	HW0309

## 2. CHANGE FROM HW0303 TO HW0309

### 2.1 Change Description

HWID before Change		HWID0303
HWID after Change		HWID0309
Components Changed		Yes
Change Description		2 <sup>nd</sup> source was added
Change Purpose		Multi-source for better supply chain
Same spec(Capacity/Voltage/current/resistance /inductance value etc) as previous version?		Yes
Same PCB layout?		Yes
Same Circuit?		Yes
Same RF transmitter parameters?		Yes

## 2.2 Add 2<sup>nd</sup> source component

The below 2<sup>nd</sup> source was added for better supply chain situation.

CMCS code	Reference Name	Value	Supplier	Quantity
SC310K026A3	C1106	100pF	WALSIN	1
SC522L02758	C2106,C2107,C3228	22pF	WALSIN	3
SC347I047A2	C2305	47nF	WALSIN	1
SC301I027A4	C2503,C3105,C3109,C3226,C3306,C6014,C6036,C6050	1nF	WALSIN	8
SC310I024A2	C3102,C3301,C5008	10nF	WALSIN	3
SC533L02955	C3201,C3205,C3209,C3215,C3313,C3317,C3323,C6001,C6002,C6012,C6013,C6015,C6016,C6025,C6027,C6037,C6038,C6041,C6042,C6100,C6102,C8001,C8002,C8003,C10125,C10128,C10133,C10134,C10135,C10136,C10137,L3349	33pF	WALSIN	32
SC527M02716	C3204,L3208	2.7pF	WALSIN	2
SC501L02704	C3207,C3218,C3219	1pF	WALSIN	3
SC533M02714	C3212,C3240	3.3pF	WALSIN	2
SC510K0275A	C3220,C5005,C5007,C5014,C6017,C6026,C6034,C6039,C6040	100pF	WALSIN	9
SC522L02953	C3237,C3299,C3312,C3315,C3319,C3322,C3332,C3335,C3360,C3391,C3394,C3404,C3406,C3408,C3420,C3433,C10138,C10139,C10141,C10142,C10144,C10145,C10147,C10150,C10151,C10166,C10170,C10178,L3207,L3357,L3385,L3483,L3484,L3485,L10173	22pF	WALSIN	35
SC568M02912	C3303	6.8pF	WALSIN	1
SC518L02953	C3418,C10148	18pF	WALSIN	2
SC505M04906	C5010,C5011	0.5pF	WALSIN	2
SC508M04903	C5012	0.8pF	WALSIN	1
SC547L02952	C6105,C6106	47pF	WALSIN	2
SC233I024A5	C6501,C6502	33nF	WALSIN	2
SC501L04907	C8005	1pF	WALSIN	1
SC510K02951	C10176	100pF	WALSIN	1
SC512L02757	D4001,D4002,D4004,D4005,D4006,L3498	12pF	WALSIN	6
SG101AC00A0	D6001 D6002 D6008 D6012 D6013	ESD_TVS_5V_7.5pF_2P_0201	Inpaq	5
SG15VOHS110	D6005 D6006 D6007 D6009	PESD5VOHS-SF	Nexperia	4
SA0MT29T010	U4102	Micron_16+16	Micron	1
SS0M41530A0	D9002	WNM4153-3/TR	Willsemi	1

Description	Manufacturer	CMCS Code
Celluar Ant	Speed	SOA018100A0
Celluar extended Ant	Speed	SOA018200A0
WIFI 2.4G&BT Ant	Speed	SOA018000A0

\* Antenna has the Same Spec with original.

Should you have any question or comment regarding this matter, please have my best attention.

Sincerely yours,



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