



EST.5198B

USB Charger Enhance IC Compatibility Test Report

Reversion: 0.20

Reversion Date: August 5, 2014



Content

1	Brand Device charging Test.	P3~5
2	Apple Device Charging Test	P6~7

Revision History

Vision	Date	Record
0.10	2013/12/3	First release
0.20	August 5, 2014	Update

IMPORTANT NOTICE

The products are not intended for use in life support appliances, devices, or systems. Use in such applications are expressly prohibited.

1. Brand Device Charging Test

1.0 Description

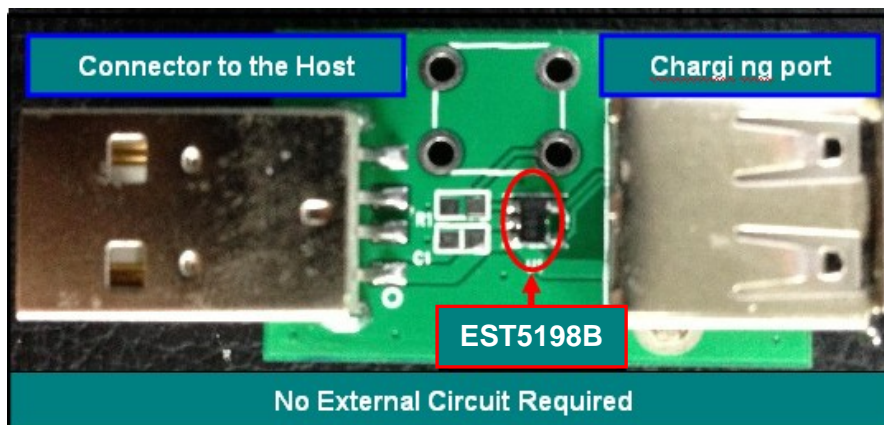
This report is to check the compatibility of the EST5198B .

1.1 Test Environment

Test equipments :

1. EST Module kit with EST.5198B (SOT23-5).
2. Power Supply: Agilent E3631A.

EST Module Kit



1.2 Testing procedure

1. Setup the Module Kit

Connect the DC 5V to the Module Kit.

2. Function Test

Attach brand model compliant Device to the charging port of the EST Module Kit

1.3 Test Result

Test Result of BC1.2 Device

Brand	Part No.	Test Result
Samsung	Galaxy Tab 10.1	Correct charging
	Galaxy Tab 10.1 3G	Correct charging
	Galaxy Tab 10.1 LTE	Correct charging
	Galaxy Tab 8.9	Correct charging
	Galaxy Tab 8.9 3G	Correct charging
	Galaxy Tab P1000	Correct charging
	Galaxy S3	Correct charging
	Galaxy S4	Correct charging
	Galaxy S5	Correct charging
	Galaxy Tab2 P3100	Correct charging
Sony Ericsson	WT19i	Correct charging
	Xperia x10	Correct charging
Sony	Xperia MT25i	Correct charging
	Xperia MT27i	Correct charging
	Xperia LT28i	Correct charging
	Xperia go	Correct charging
	Xperia P LT22i	Correct charging
	Xperia tipo ST21	Correct charging
	Xperia LT25i	Correct charging
Nokia	C7	Correct charging
	N8	Correct charging
	E52	Correct charging
	Lumia 520	Correct charging
HTC	ONE V	Correct charging
	ONE S	Correct charging
	Butterfly	Correct charging
	Mozart	Correct charging
	Titan	Correct charging
Blackberry	Bold 9780	Correct charging
	9700	Correct charging
NTT	docomo	Correct charging
Amazon	kindle	Correct charging
ASUS	Nexus 7 (Google)	Correct charging
	T100	Correct charging
	Padfone	Correct charging
	New Padfone infinity	Correct charging

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HuaWei	U9508	Correct charging
	P6	Correct charging
OPPO	R807	Correct charging

Test Result of Apple Device at charge mode 1A / 2A / 2.4A

Brand	Part No.	Charging icon	Test Result
Apple	iPod Classic	Correct	Charging
	iPod Nano	Correct	Charging
	iPod mini 4G	Correct	Charging
	iPhone	Correct	Charging
	iPhone 3G	Correct	Charging
	iPhone 4	Correct	Charging
	iPhone 4S	Correct	Charging
	iPhone 5	Correct	Charging
	iPhone 5C	Correct	Charging
	iPhone 5S	Correct	Charging
	iPad 1	Correct	Charging
	iPad 2	Correct	Charging
	New iPad	Correct	Charging
	iPad mini	Correct	Charging
iPad 4	Correct	Charging	

Note : The remaining battery capacity in the compliant USB devices can affect the charging current.