



TR301E

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CW3002 Device Test Result

1. Purpose

CW3002 is dedicated USB charger controller, will emulate to the corresponding USB type according to the connected charge devices, such as phone or PAD. Once the USB type identified, devices can employ the maximum charge current to charge itself.

This test is used to verify what device could be supported by CW3002.

2. Test Environment and Equipment

Use attached USB charger to test the device and monitor the charge current.



3. Applicative IC

Test Result applied for the belowing ICs:

1) CW3002D

4. Test List and Result

Brand	Type	SEL pin and test condition	Charge current	Conclusion
Apple	iPad Air (5)	SEL= 1.5M to GND	2375mA	Pass
	iPad 4	SEL= 1.5M to GND	2230mA	Pass
	iPad 3	SEL= VDD or 1.5M to GND	2007mA	Pass
	iPad 2	SEL= VDD or 1.5M to GND	1930mA	Pass
	iPad 1	SEL= VDD or 1.5M to GND	2030mA	Pass
	iPad Mini	SEL= VDD or 1.5M to GND	2080mA	Pass
	iPad Mini 2	SEL= VDD or 1.5M to GND	2002mA	Pass
	iPhone 5	SEL= Any connection	1001mA	Pass
	iPhone 5s	SEL= Any connection	990mA	Pass
	iPhone 4	SEL= Any connection	910mA	Pass
	iPhone 4s	SEL= Any connection	900mA	Pass
Samsung	Galaxy 9100	SEL= Any connection	662mA	Pass
	Galaxy 9300	SEL= Any connection	911mA	Pass
	Galaxy S3	SEL= Any connection	1000mA	Pass
	Galaxy S4	SEL= VDD or 1.5M to GND	1660mA	Pass
	S7230	SEL= Any connection	500mA	Pass
	S5660	SEL= Any connection	500mA	Pass
	I8190	SEL= Any connection	800mA	Pass
	Galaxy I	SEL= Any connection	1000mA	Pass
	I9008	SEL= Any connection	500mA	Pass
	Galaxy Note II	SEL= VDD or 1.5M to GND	1650mA	Pass
	Galaxy Note III	SEL= VDD or 1.5M to GND	1690mA	Pass
Galaxy Tab 2 (10.1)	SEL= VDD or 1.5M to GND	1730mA	Pass	
Galaxy Note N8000	SEL= VDD or 1.5M to GND	1680mA	Pass	
Nokia	Lumia 920	SEL= Any connection	800mA	Pass
	Lumia520	SEL= Any connection	1000mA	Pass
	Lumia 800	SEL= Any connection	780mA	Pass
Huawei	8813D	SEL= Any connection	1013mA	Pass
	8850	SEL= Any connection	1000mA	Pass
	Ascend P1	SEL= Any connection	900mA	Pass
HTC	OneX	SEL= Any connection	980mA	Pass
	Desire HD	SEL= Any connection	900mA	Pass
	T327	SEL= Any connection	800mA	Pass

USB Series Product Application Notes

	X315E	SEL= Any connection	1000mA	Pass
	7 Mozart	SEL= Any connection	500mA	Pass
Xiaomi	Xiaomi 2	SEL= Any connection	900mA	Pass
Meizu	MX2	SEL= Any connection	824mA	Pass
OPPO	Find5X909	SEL= Any connection	1000mA	Pass
Sony	Xperia Ion	SEL= Any connection	1300mA	Pass
Lenovo	S880I	SEL= Any connection	900mA	Pass
	K910	SEL= Any connection	1440mA	Pass
ZTE	V985	SEL= Any connection	1100mA	Pass
Google	Nexus 7	SEL= Any connection	1980mA	Pass
Amazon	Kindle	SEL= Any connection	500mA	Pass
	Kindle Fire	SEL= Any connection	1700mA	Pass
Motorola	Milestone	SEL= Any connection	1200mA	Pass
	XT316	SEL= Any connection	1000mA	Pass
BlackBerry	8900	SEL= Any connection	1100mA	Pass
	9000	SEL= Any connection	1300mA	Pass
Green Orange	NX	SEL= Any connection	1005mA	Pass
Viewsonic	N710	SEL= Any connection	1400mA	Pass