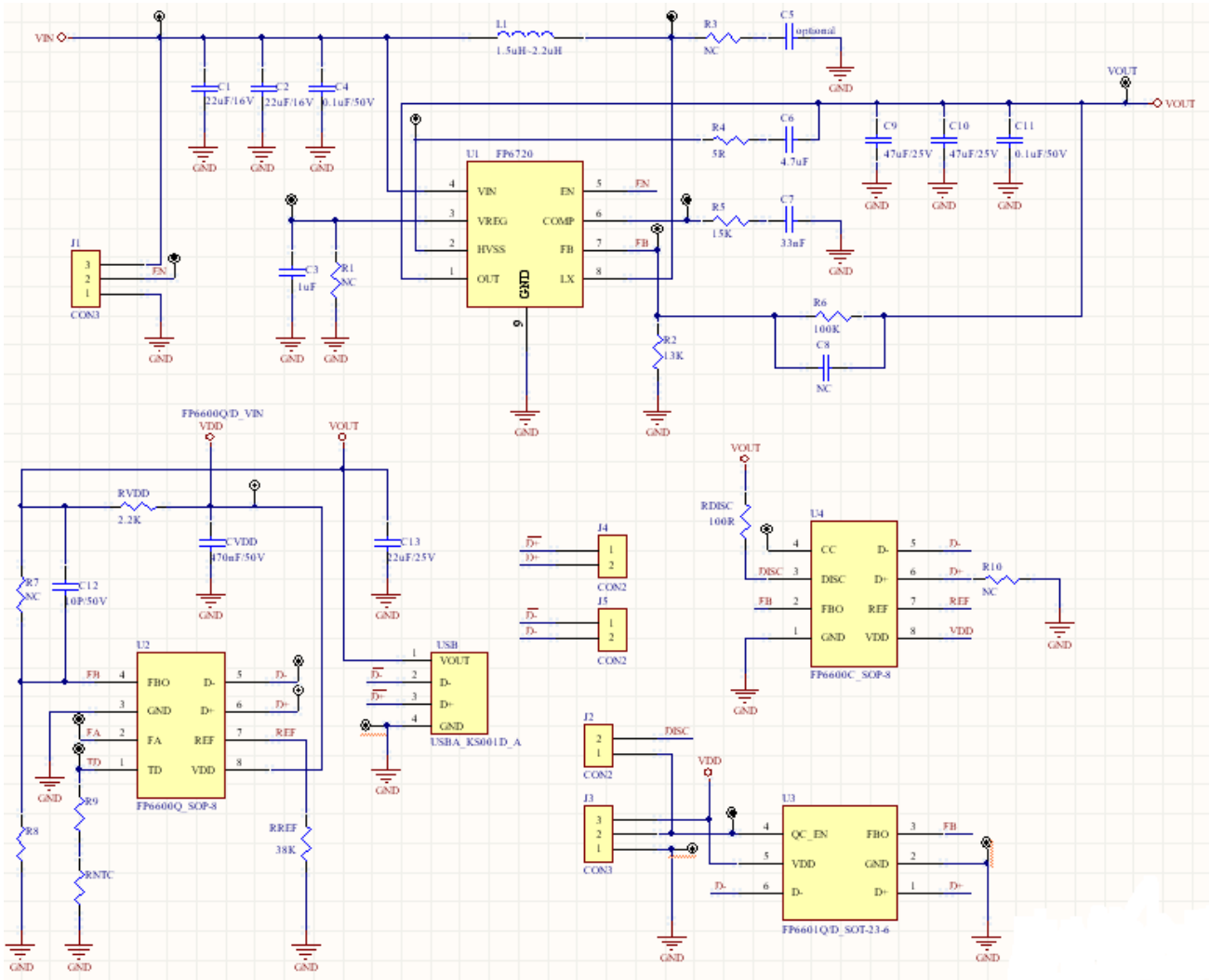


FP6600Q/FP6601Q Compatibility Test

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1. Demo Board Schematic



2. Test Condition

- a. VIN=4.2V
- b. phone connect to USB Port.

3. Smart Phone Charging Test List

3.1 QC 2.0 Support

Brand Name	Model Name	Battery(%)	V _{OUT} (V)	I _{OUT} (A)
Samsung	Note4	45	9.1	1.6
Samsung	Galaxy S7 Edge	92	9	1
Samsung	Galaxy S6 Edge	40	9	1.6
ASUS	Zenfone 2	36	9.2	1.66
SONY	Xperia Z5 Compact	87	9.1	1.4

3.2 QC 3.0 Support

Brand Name	Model Name	Battery(%)	V _{OUT} (V)	I _{OUT} (A)
Xiaomi	Mi5	61	7.55	2.1
HTC	10	9	7.35	2.1
LG	G5	18	6.75	2.35

3.3 Huawei-FCP Support

Brand Name	Model Name	Battery(%)	V _{OUT} (V)	I _{OUT} (A)
Huawei	Honor 7	9	9.2	1.48
Huawei	Mate 8	63	9.2	1.57

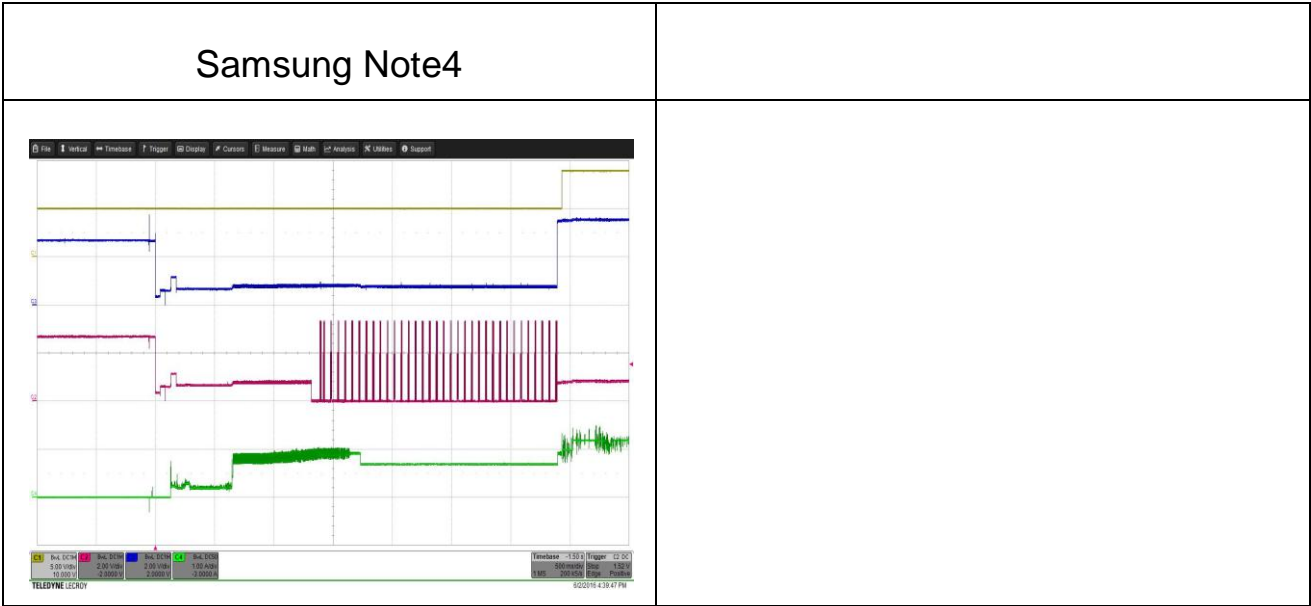
3.4 QC Non-Support

Brand Name	Model Name	Battery(%)	V _{OUT} (V)	I _{OUT} (A)
Samsung	Note	53	5	1
Samsung	Note2	77	5	0.91
Samsung	Tab S 8.4 LTE	53	5	1
Samsung	Galaxy S4	49	5	1
Samsung	GALAXY Tabs 10.5	82	5	0.8
ASUS	Zenfone 5	16	5	1
ASUS	Padfone A80	85	5	0.86
Huawei	Honor H30-L01	69	5	0.94
Apple	iPhone 6	92	5	0.96
Apple	iPhone 6 Plus	23	5	1.6
Apple	iPhone 6S	64	5	1.26
Sony	Z1	84	5	0.96
HTC	Desire 820	87	5	0.9
OPPO	R9	67	5	1.17
LG	G3	88	5	1.2

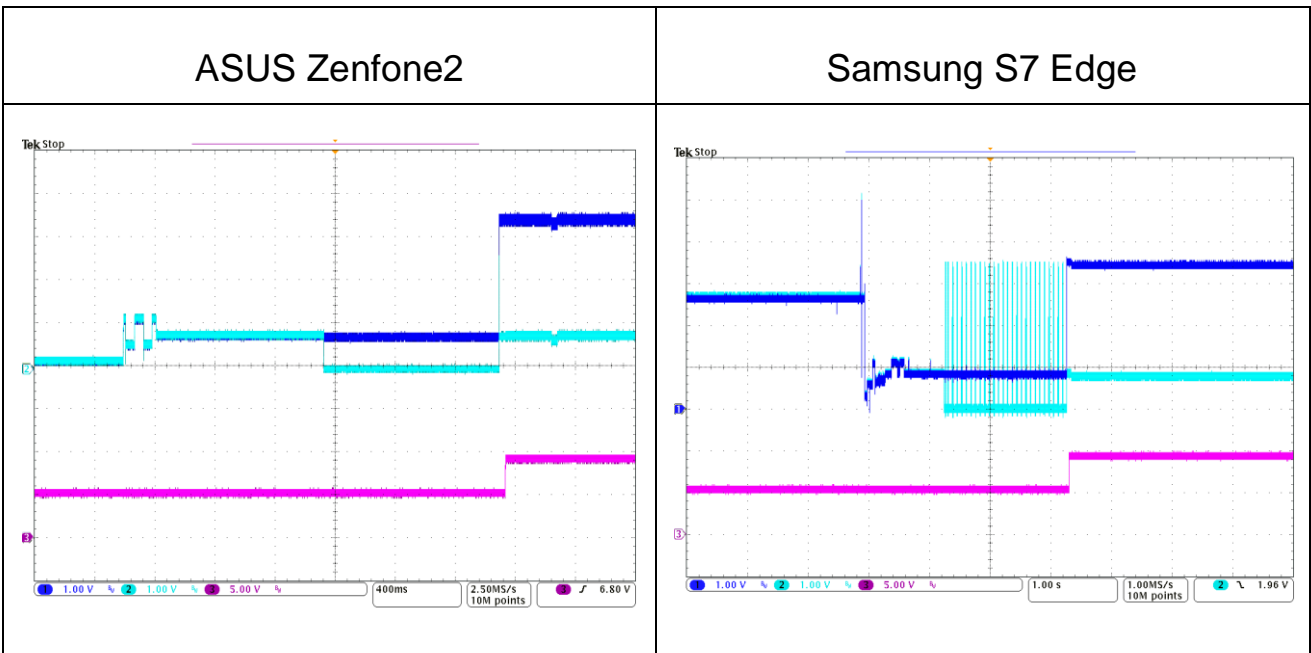
4. Smart Phone Charging Waveform

4.1 QC 2.0 Support

CH1:VBUS,CH2:D+,CH3:D-,CH4:I_{OUT}

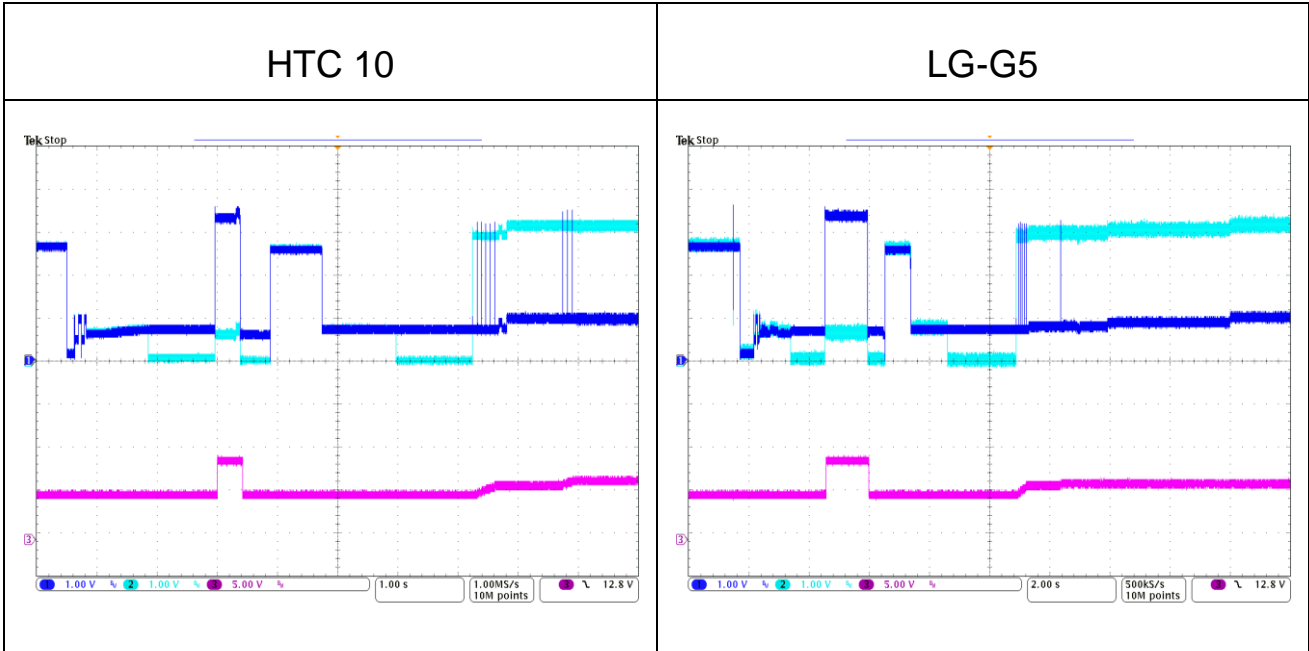


CH1:D+,CH2:D-,CH3:VBUS



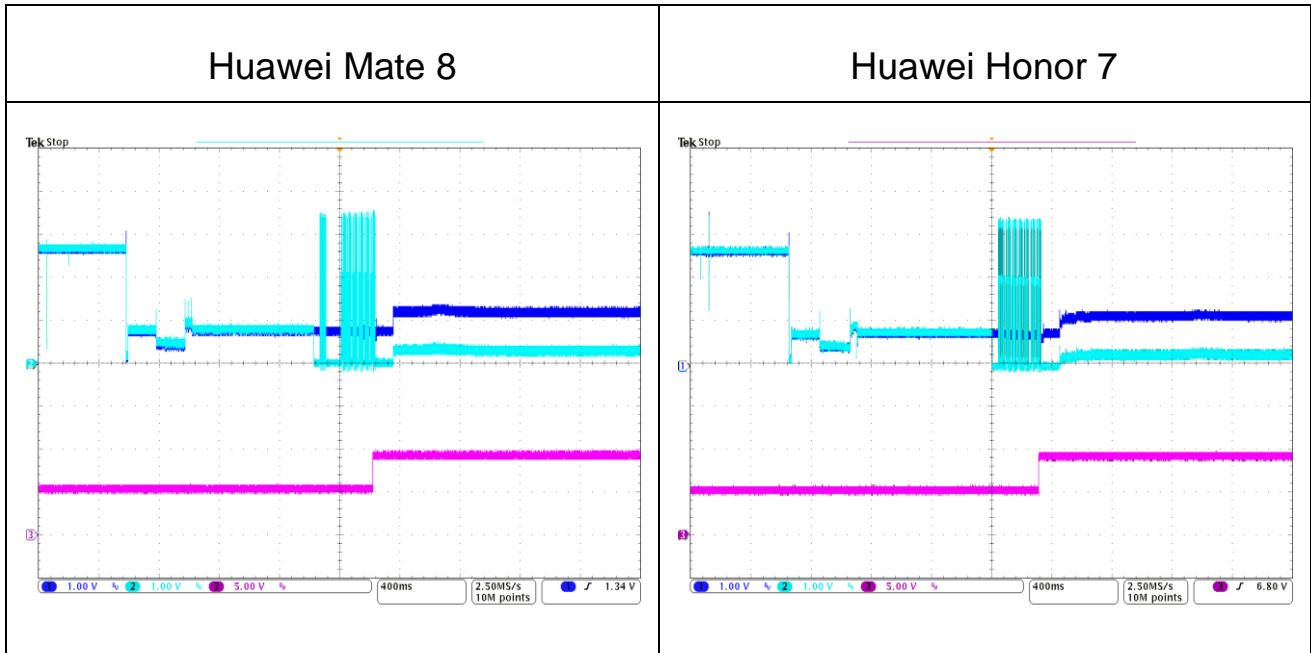
4.2 QC 3.0 Support

CH1:D+,CH2:D-,CH3:VBUS



4.3 Huawei-FCP Support

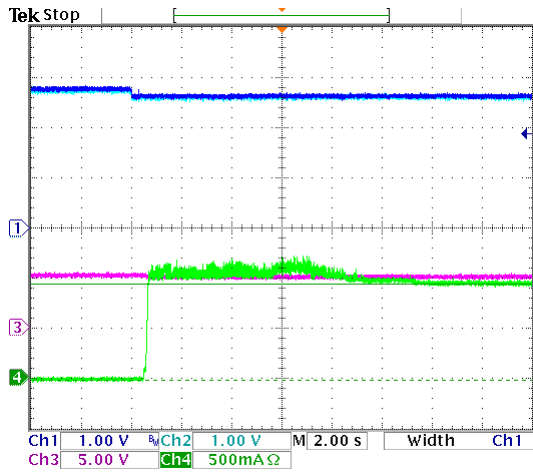
CH1:D+,CH2:D-,CH3:VBUS



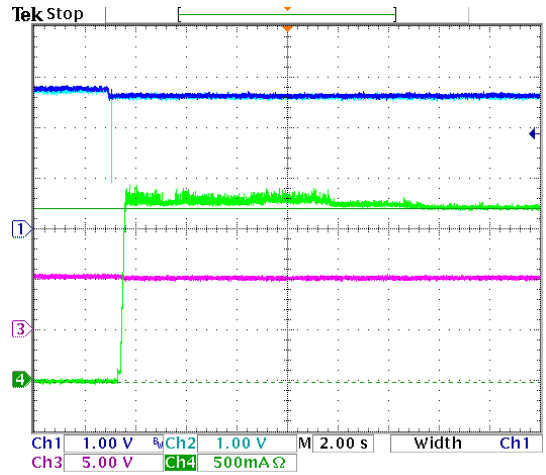
4.4 QC Non-Support

CH1:D+,CH2:D-,CH3:VBUS,CH4:I_{OUT}

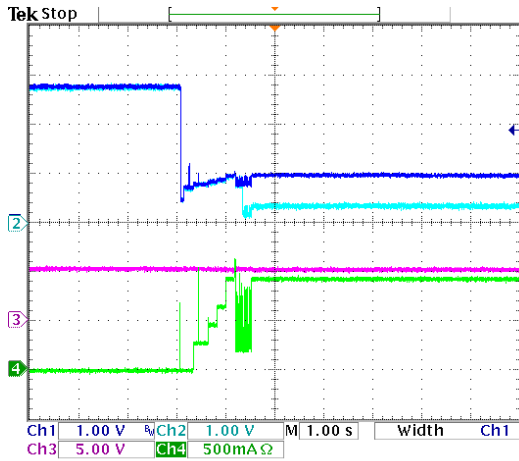
Apple iphone6



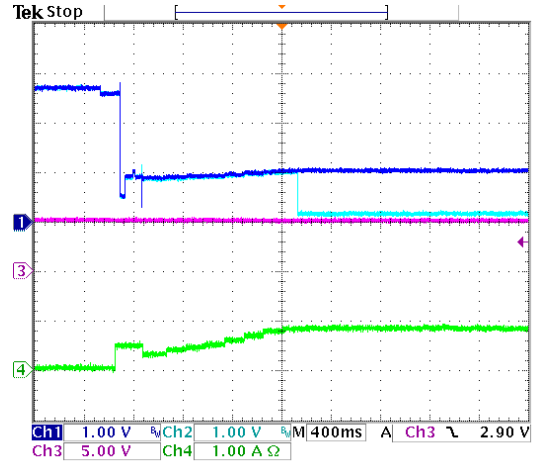
Apple iphone6 Plus



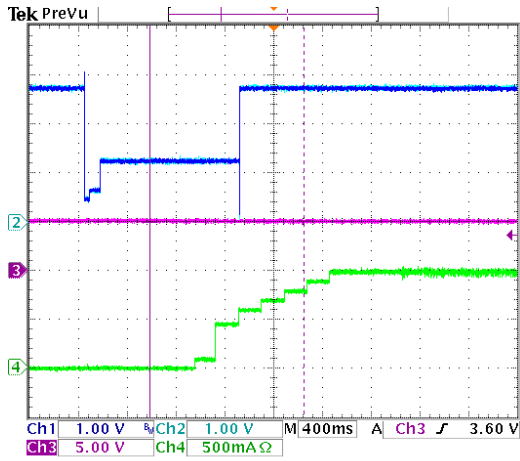
ASUS Zenfone5



Samsung GALAXY Tabs 10.5



Samsung Note



HTC Desire 820

