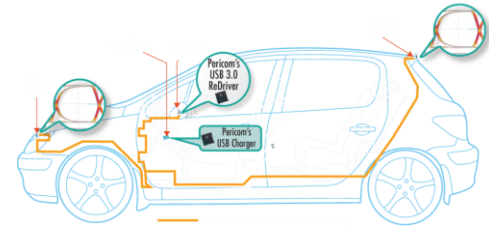# Phone List: PI5USB266/ 66
Minimum devices expected to Charge
aomar@pericom.com, 11/20/2012
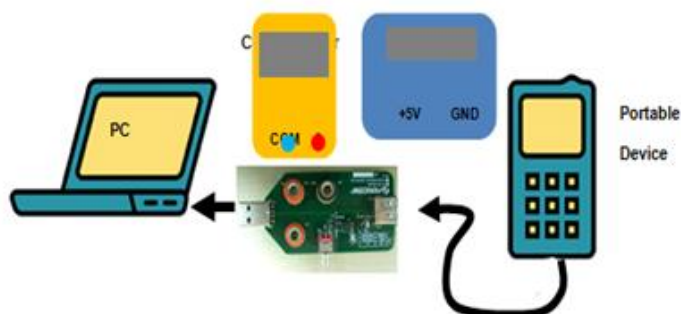
Pericom's USB Charging Back Ground:

1. **Pioneers:** Pericom invented this technology. We created the first state machine breadboard (using TTL logic gates in 2007), got this idea accepted and developed first silicon.

2. **Phone List:** We actively collect new phones, test them, and ensure they work with our silicon.

3. **Pin-to-Pin migration:** We are committed to protecting our customers' design investments. Each product family has a footprint. As we add features with each generation, we stick with the same pinout so our customers don't have to redesign.

4. **FPGA:** is used as a validation tool to debug our stat machine

5. **AEC-Q100:** Qualification

6. **Broadest product line:** We are the only company offering:
   - Automotive controller + switch = PI5USB 8000Q
   - Controller + switch = PI5USB2543
   - Controller = PI5USB1457
   - Controller only for charging = PI5USB 66
   - Dual controller only= PI5USB 266
   - Controller + switch only for charging = PI5USB 2557
   - Standalone switches, singles and dual = several products

   www.Pericom.com

Test equipments and devices

    a. Current meter
    b. Power Supply
    c. Oscilloscope with passive high impedance probe (about $10\text{M}\Omega$) x 3
    d. Pericom Product evaluation boards
    e. 46 Portable devices for test
    f. Computer with USB port

TEST SET UP

is during testing.

Make	Model	Charging Icon	Pericom: 66/ 266 (Current draw in mA)
Amazon	Kindle fire	On	1500
Apple	iPad mini	On	1100
Apple	iPhone5	On	1000
Apple	iPhone 4/ S (a1332)	On	900
Apple	iPad2	On	1700
Apple	iPod	On	400
Apple	iPad2	On	1836
Apple	iPhone 4	On	1036
Apple	iPhone 2	On	850
Apple	iPod Classic	On	436
Apple	iPod shuffle US	On	101
Apple	iPod shuffle JP	On	102
Apple	iPod Nano 5th	On	213
Apple	iPod Nano 3th	On	298
Blackberry	Blackberry 9000	On	500
Blackberry	Blackberry 9650	On	1200
HTC	HTC EVO	On	900
HTC	HTC touch diamond	On	888
HTC	HTC touch diamond 810	On	887
HTC	HTC Vivid	On	800
HTC	HTC (Sense)	On	800
HTC	HTC (Sense)	On	800
HTC	HTC (Incredible)	On	1000
Kyocera	Kyocera (Loft	On	900
LG	LG (vs480)	On	500
LG	LG (vx9700)	On	400
LG	LG CT810	On	750
Motorolla	Moto Droid 3	On	1200
Motorolla	Moto (VA76R)	On	600
Nokia	Nokia N97	On	804
Nokia	Nokia 6500C	On	573
Nokia	Nokia Lumia 800	On	760
Nokia	Nokia N8	On	846
Pantech	Pantech	On	500
Samsung	Samsung ZGHA667	On	400
Samsung	Samsung Galaxy SII	On	400
Samsung	Samsung(SGHA817)	On	400
Samsung	Samsung Exhibits 4G	On	1600
Samsung	Samsung Galaxy Tab 7.7	On	400

Note: Current can vary depending on how full the battery is during testing.

Samsung	Samsung Galaxy SIII LTE i9305	On	827
Samsung	Samsung SCH-U360	On	500
Samsung	Samsung Galaxy SI (Vibrant)	On	400
Samsung	Samsung Gusto (SCH-U360)	On	600
Samsung	Samsung Galaxy S	On	600
Sony	Sony Ericsson X8	On	890
ZTE	ZTE (z221)	On	1700

Note: Current can vary depending on how full the battery is during testing.