

Phone List: PI5USB2543

Minimum devices expected to Charge

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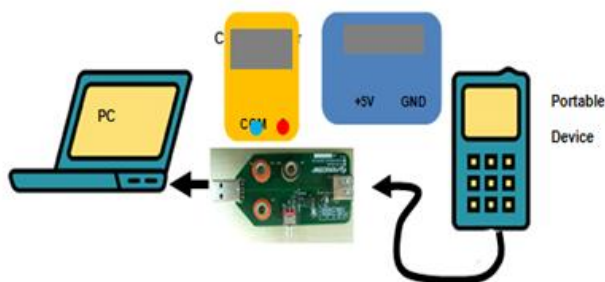
Pericom's USB Charging Back Ground:

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. **Broadest product line:** We are the only company offering:
 - 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

Test equipments and devices

- a. Current meter
- b. Power Supply
- c. Oscilloscope with passive high impedance probe (about 10M Ω) x 3
- d. Pericom Product evaluation boards
- e. 92 Portable devices for test
- f. Computer with USB port

TEST SET UP



| Make | Model | Charging Icon | Pericom = Auto-switch (S&C) (Current draw in mA) |
|---------------|--|---------------|--|
| Acer | Liquid E (S100) | On | 930 |
| Amazon | Kindle fire | On | 1500 |
| Amazon Kindle | Wireless Reading Device (6") | On | 910 |
| Apple | iPad Mini | On | Auto-DCP 1200 *CDP=1400 |
| Apple | iPad WiFi 16GB (A1219) | On | 990 |
| Apple | iPhone Original/EDGE (A1203) (MA712LL) | On | 595 |
| Apple | iPhone5 | On | Auto-DCP 810 *CDP=1100 |
| Apple | iPhone 4/ S | On | 900 |
| Apple | iPad2 | On | 1800 |
| Apple | iPhone 3GS | On | 770-900 |
| Apple | iPhone4 | On | 740 |
| Apple | MC349LL/A iPad WI-FI + 3G 16GB-USA | On | 920 |
| Apple | iPod nano 6Gen 16GB MC526J/A | On | 126 |
| Apple | iPod shuffle 2Gen 1GB (MB225J/A) | On | 105 |
| Apple | iPod shuffle 3Gen 4GB (MC164J/A) | On | 121 |
| Apple | iPod Classic 6.5Gen 120GB (MB565J/A) | On | 443 |
| Apple | iPod classic 6.5Gen 160GB MC297J/A | On | 513 |
| Apple | iPod classic 6Gen 160GB (MB150J/A) | On | 512 |
| Apple | iPod nano 3Gen 8GB (MB261J/A) | On | 294 |
| Apple | iPod nano 4Gen 16GB (MB918J/A) | On | 180 |
| Apple | iPod nano 5Gen 16GB (MC060J/A) | On | 186 |
| Apple | iPod shuffle 4Gen 2GB MC584J/A | On | 79 |
| Apple | iPod touch 1Gen 32GB (MB376J/A) | On | 518 |
| Apple | iPod touch 2Gen 16GB (MB531J/A) | On | 475 |
| Apple | iPod touch 3Gen 64GB (MC011J/A) | On | 480 |
| Apple | iPod touch 4Gen 32GB MC544J/A | On | 623 |
| Apple | iPhone 3G 8GB (MB489J/A) Model A1241 | On | 502 |
| Blackberry | Blackberry 9700 | On | 650 |
| Blackberry | Blackberry 9650 | On | 1000 |
| Blackberry | Blackberry 9000 | On | 500 |
| Blackberry | Bold 9000 | On | 950 |
| Blackberry | Storm 9500 | On | 970 |
| Blackberry | 8100 | On | 489 |
| COWON | E2-4G-SB | On | 148 |
| Creative | ZN-XF216G | On | 487 |
| Garmin & Asus | G60 | On | 480 |

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

| | | | |
|------------------------|-------------------------------|----|------|
| Hitachi Living Systems | HMP-X934 | On | 221 |
| HTC | Diamond Touch MP6950SP Sprint | On | 474 |
| HTC | HTC EVO | On | 900 |
| HTC | Desire HD A9191 | On | 550 |
| HTC | Desire Z - A7272 Vision | On | 760 |
| HTC | HTC Vivid | On | 700 |
| HTC | HTC (Incredible) | On | 1000 |
| HTC | HTC (Sense) | On | 700 |
| HTC | 7 Mozart T8698 | On | 870 |
| HTC | EVO 4G | On | 610 |
| HTC | Touch Diamond2 | On | 870 |
| iRiver | E150 | On | 215 |
| JVC | alneo XA-M40 | On | 235 |
| KENWOOD | MG-F508 | On | 251 |
| Kyocera | Kyocera (Loft) | On | 900 |
| LG | LG (vs480) | On | 500 |
| LG | LG (vx9700) | On | 400 |
| LG | KM555 | On | 260 |
| LG | KP500 | On | 350 |
| LG | LG-P500 | On | 590 |
| LG | CT810 | On | 537 |
| Motorola | A855 Milestone | On | 1140 |
| Motorola | MILESTONE XT701 | On | 1140 |
| Motorola | XT720 | On | 600 |
| Motorola | Defy MB525 | On | 1180 |
| Motorola | Moto Droid 3 | On | 1000 |
| Motorola | Moto (VA76R) | On | 550 |
| Nokia | N97 | On | 730 |
| Nokia | 6500C | On | 555 |
| Nokia | E72 | On | 810 |
| Nokia | N8 | On | 780 |
| Nokia | N85 | On | 810 |
| Panasonic | SV-SD950N | On | 340 |
| Pantech | Pantech | On | 500 |
| Samsung | Samsung(SGHA817) | On | 400 |
| SamSung | OMNIA II i8000 | On | 618 |
| Samsung | Samsung SCH-U360 | On | 500 |
| Samsung | Samsung Galaxy SI (Vibrant) | On | 390 |

| | | | |
|---------------|-------------------------------|----|------------|
| Samsung | Samsung Gusto (SCH-U360) | On | 600 |
| Samsung | Samsung Galaxy S | On | 600 |
| Samsung | Samsung Galaxy SIII | On | *CDP= 1100 |
| Samsung | Samsung Galaxy SII | On | 400 |
| Samsung | Samsung Exhibits 4G | On | 500 |
| Samsung | Samsung Galaxy Tab 7.7 | On | 400 |
| SamSung | GOOGLE NEXUS S (GT-I9023) | On | 480 |
| SamSung | GT-I9000 (Galaxy S I9000 8GB) | On | 480 |
| Samsung | YP-P3 | On | 250 |
| SanDisk | Sansa Fuze SDMX14R-002GK-A70 | On | 347 |
| SONY | NW-E042 | On | 150 |
| SONY | NW-S644 | On | 482 |
| Sony Ericsson | Satio U1 | On | 370 |
| Sony Ericsson | T715 | On | 350 |
| Sony Ericsson | XPERIA X10 | On | 970 |
| Toshiba | gigabeat T401S 4GB (MET401S) | On | 390 |
| Transcend | TS4GMP330 | On | 215 |
| ViewSonic | ViewPad7 | On | 910 |
| ZTE | ZTE (z221) | On | 700 |