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[NXP Delivers Smallest Hi-Speed USB for Mobile Phones](#)



Company collaborates with mobile phone vendors to address specific needs of handset designs

NXP Semiconductors recently announced the availability of its new generation UTMI+ Low-Pin Interface (ULPI) Hi-Speed **USB** transceivers, developed specifically for mobile phone designs. With the smallest transceiver in the family measuring in at 2.2 x 2.25 x 0.6 mm, in a 0.4 mm ball pitch, NXP's transceiver solutions are the smallest in the market and address the specific needs of today's ultra-slim handset designs and other sleek portable devices. In addition, as the actual USB usage in mobile phones is low compared to overall talk and standby time, **NXP's** transceivers avoid battery drain by consuming only 0.5 (mu)A in power-down mode. NXP's family of new generation ULPI Hi-Speed USB transceivers contains four members - ISP1504x1, ISP1508, ISP1702 and ISP1703, all of which are fully compliant with industry specifications, including ULPI Rev. 1.1, USB On-The-Go (OTG) Rev. 1.2 and USB Rev. 2.0. All transceivers support a mobile phone's wider range of input supply voltage of 3.0 V to 4.5 V. A new power-down mode conserves battery with an ultra low-power consumption of less than 0.5 uA when the USB transceiver is not in use. **NXP's** ISP1504x1, ISP1508 and ISP1702 devices are sampling now, with the first two products in mass production in March and April respectively. Pricing for each device is as follows: \$1.30 (U.S.) for ISP1504x1, \$1.20 (U.S.) for ISP1702, and \$1.10 (U.S.) for ISP1508 and ISP1703.