

Wireless Platform



Agere Systems announced that it is providing its wireless platform for use in the world's smallest and lightest commercially available Global System for Mobile (GSM) Communications cellular phone handsets. Nearly 70 percent of the world's cell phones are based on the GSM standard.

Beijing, China-based PTIC Capitel is using Agere's semiconductor and software system-level platform in the company's new C6088 and C6288 models, which Capitel started selling a few weeks ago to the Chinese market. China is one of the world's largest and fastest-growing GSM cell phone markets. The breakthrough models are approximately 30 percent smaller than a business card and weigh only 66 grams (about 2.4 ounces) each — nearly 70 percent lighter than the mean weight of wireless handsets. Based on Agere's Sceptre® system-on-a-chip technology that uses the company's digital signal processor (DSP) 16000 architecture, the platform integrates microcontroller, mixed-signal, and a host of other technologies onto the DSP chip. The platform uses a highly integrated baseband with Agere's proven W3020 GSM radio-frequency chip and several chip developments to reduce overall component count.

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