Samsung Introduces 667MHz Mobile CPU for 3G Mobile Handheld Devices

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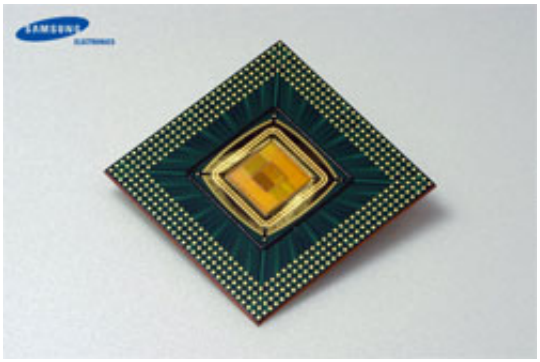

Samsung Electronics Co., Ltd., the leader in advanced semiconductor technology, today announced mobile CPU with speeds of 667MHz. This mobile CPU is expected to enable diverse multimedia content in 3G mobile handheld devices such as smart phones and PDAs.

By introducing a structured custom design methodology at the integrated circuit design and evaluation process levels, Samsung was able to increase the speed of its mobile CPU. To further support seamless real time video images and high-density multimedia services, the mobile CPU carries up to 64Kilo Bytes of cache memory.

The new technology includes all the computing characteristics of current mobile CPUs with an embedded vector floating point co-processor

enabling simultaneously computing of irregular decimal points along with fixed numbers. Design engineers implementing this technology will see enhanced graphics, 3D gaming and digital audio features.

Key Technology Features

Core: ARM1020E
Core Clock: 667MHz @ 1.35V
No. of Pipelines: 6
Structured custom methodology
Low power: 0.8 mW/MHz