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TLG1121 One-Chip
Analog TV Receiver
Telegent System

[Telegent System Debuts the TLG1121 Single-Chip Analog Mobile TV Receiver](#)

Just 6 x 6mm in size

Telegent System, a company claiming it makes television mobile (who doesn't nowadays?), has just announced the introduction of its third generation analog mobile TV receiver, named TLG1121. This is claimed to be the first single-chip analog mobile TV receiver based on 65nm CMOS process technology, reducing power consumption and solution footprint relative to Telegent's previous generation product. The company keeps [bringing innovation and technology leadership to this analog mobile TV market](#).

"The third generation of our analog mobile TV technology builds on the breakthrough we have delivered in picture quality and mobility while achieving further reduction in size and power consumption," said Samuel Sheng, Telegent's president and chief executive officer. "The TLG1121 will enable the next generation of mobile TV devices with longer viewing times and innovative designs, while meeting consumer requirements for viewing experience under both stationary and mobile conditions."

With global support for NTSC, PAL and SECAM TV broadcasts, the TLG1121 is capable of ensuring support for virtually any free-to-air analog TV and FM broadcast reception on mobile devices, thus allowing users to watch live television, weather news, sports and others, while on the go.

Provided in a 6 x 6mm package, the chip has reduced in size by 25 percent as compared to the company's second generation solution, and even though it is no technical rule, the TLG1121 also drains 25% less power from the battery. [Manufacturers are offered a much better flexibility on PCB layout thanks to the reduced form factor](#), so they can build smaller and more elegant handset products.

"Analog mobile TV has rapidly become the most prevalent form of broadcast mobile TV worldwide, representing more than half of 2009 broadcast TV handset shipments," stated Will Strauss, president of analyst firm Forward Concepts. "More than 88 percent of the global population will continue to receive analog broadcast TV signals in 2013, providing compelling market growth opportunities for manufacturers building devices for these regions."

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