

Theta's three new patents further strengthen IP portfolio

Palo Alto, CA (20/01/2007) - Theta Microelectronics Inc, a leading provider of RFIC Design Services and related Intellectual Property for mobile and fixed wireless connectivity and video applications, announced today that it has been granted the following US patents:

No. 7,049,875, entitled "**One-Pin Automatic Tuning for MOSFET Resistors**" by Yannis Tsvividis;

No 7,075,377, "**A Quadrature Voltage Controlled Oscillator with a Phase Shift Detector**" by Emanuel Metaxakis; and

No 7,155,185, "**Apparatus and Method for Eliminating DC Offset in a Wireless Communication Device**" by Spyros Pipilos.

These patents address some of the main challenges of integrating low-cost single-chip Zero IF transceivers by addressing key design constraints such as: controlling in a die efficient way the process variations of MOSFET devices; eliminating the phase imbalance inherent in quadrature oscillators by an using analog techniques, thus enabling high performance OFDM transceiver design; and reducing of the DC offset present in Zero IF OFDM transceiver without any impact on the throughput performance of the radio.

"Theta's patents have been incorporated in our OFDM transceiver IP blocks design for WiFi and WiMAX applications. Theta IP and patent portfolio is central in our strategy to deliver low-cost, low-voltage and low-power solutions for OFDM radios" said Theodore Varelas, V.P. Business Development of Theta Microelectronics.

Theta's extensive intellectual property portfolio of proven circuit designs, coupled with its talented engineering team, provides its clients with competitive RFIC solutions and reference designs for their mobile computing, imaging, multimedia and computing markets.

About Theta Microelectronics, Inc

Theta Microelectronics is a provider of design services and related IP

focused on the development of advanced OFDM radio frequency integrated circuits (RFIC transceivers) for mobile and fixed wireless broadband data connectivity applications. Founded in 2001, Theta Microelectronics, Inc is headquartered in Palo Alto, CA, and has its R&D operations in Athens, Greece.

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