

## Corporate Background

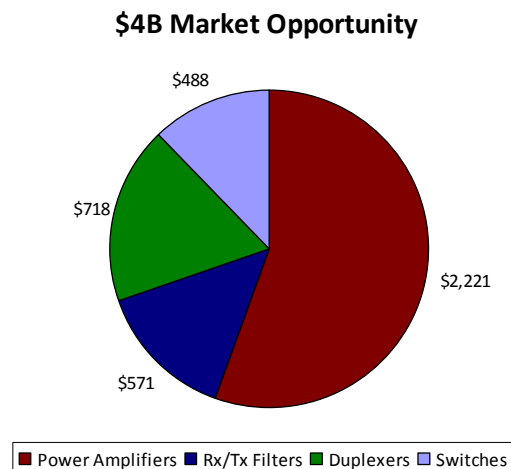
Amalfi® Semiconductor was established in 2003 with the vision to develop a new generation of high-performance radio frequency (RF) semiconductors for the cellular handset market. Recognizing power consumption in most handsets is heavily driven by power amplifier efficiency, the company focused its advanced engineering capabilities on developing a new generation of power amplifiers that use standard, low-cost Complementary Metal Oxide Semiconductor (CMOS) technology. The result of this effort is the patented Amalfi AdaptiveRF™ CMOS power amplifier architecture, which offers significant performance, cost and integration advantages over today's power amplifiers based on Gallium Arsenide (GaAs) or Indium Gallium Phosphate (InGaP) process technology. Amalfi believes that its advanced technology has the ability to drive a revolutionary change in the design and performance of cellular handsets.

## Technology

AdaptiveRF is an advanced silicon architecture that enables the development of CMOS power amplifiers for cellular handsets. This advanced technology has proven to achieve better Power Added Efficiency (PAE) than leading GaAs power amplifiers under real-world operating conditions of reduced output power, low battery voltage and antenna mismatch. This greater PAE results in increased talk time or allows use of smaller, lower cost batteries and sets a new performance standard for cellular phones. The AdaptiveRF architecture also leverages the availability of high volume, low cost CMOS foundry capacity, providing manufacturers with a lower risk, lower cost solution when ramping into high volume production.

## Market

Amalfi's CMOS power amplifier devices are targeted at the cellular handset market. The RF portion of the cellular handset market has evolved over the years into a multi-billion dollar market. Leveraging the inherent scalability of bulk CMOS processes, the AdaptiveRF power amplifier architecture can incorporate highly integrated derivative functions including switches and complex filters, allowing a significant ongoing reduction in front-end costs, size and power consumption.



## Team

Amalfi has assembled a uniquely talented team with extensive analog mixed signal, RF design and systems expertise. The team is committed to applying innovative CMOS technology to creatively resolve challenging cellular front-end system problems that will drive the company's rapid growth over the next decade. The management team has extensive experience in leading both private and high-growth public companies.

- ▶ **Mark Foley** – CEO & President
  - Co-founder / CEO of RF Magic
  - COO and President of Entropic at IPO
- ▶ **Greg Hildebrand** – CFO
  - Co-founder / CFO of Volterra at IPO
- ▶ **Baker Scott** – CTO
  - RFMD, Crystal / Cirrus Logic
- ▶ **Bruce Weyer** – VP Marketing
  - OmniVision Technologies, Xilinx, Actel
- ▶ **Ali Shirvani** – VP Engineering
  - Mediatek / Ralink, Marvell, Tavanza
- ▶ **Derek Best** – VP Worldwide Sales
  - Silicon Storage Technology (SST), Mosaic, TI
- ▶ **Dan Wark** – VP Operations
  - Volterra, Pericom, Linear Technology

## Products

The Amalfi AM7800 Product Family offers the world's most economical and high-performance CMOS-based transmit modules for front-end GSM/GPRS cellular handsets. The dual- and quad-band modules are targeted primarily at the high growth entry and ultra-low-cost (ULC) product segments in the emerging BRIC markets.

	AM7805	AM7806	AM7807	AM7808
Transmit (Tx) Bands	GSM850		GSM850	GSM850
		GSM900 DCS1800	GSM900 DCS1800	GSM900 DCS1800
	PCS1900		PCS1900	PCS1900
Receive (Rx) Ports	2 Ports	2 Ports	4 Ports	2 Ports

## Financials

Amalfi is a privately held company. The company has strong financial backing with funding from private investors and industry leading venture capital companies, which include Battery Ventures, DCM, Globespan Capital Partners, and Trinity Ventures.

## Locations

Amalfi's corporate headquarters are located in Los Gatos, California in Silicon Valley. Amalfi's Asia Headquarters are located in Singapore. For more information, contact Amalfi at +1-408-399-5360 or [www.amalfi.com](http://www.amalfi.com)