

We measure portable performance in μA and MHz. In handheld designs, analog is everywhere.



ADI Products Optimized for Handheld Designs

Audio	Class-D Amplifier	SSM2301	Low EMI, high THD
	Microphone Preamp	AD8692	0.003% THD + N
	Speaker/Headphone Amplifier	SSM2211	Superior THD in low voltage applications
Imaging	Camera Lens Drivers	AD5821, AD5398	Voice coil motor driver in WLCSP and LFCSP
	Digital Still Camera	AD9970	65 MSPS LVDS AFE, 25 mm ² package
Motion Sensing	iMEMS [®] Motion Sensors	ADXL32x, ADXL330	2- and 3-axis low-g accelerometers
Power	White LED Flash Driver	ADP1653	500 mA programmable current boost
	Switching Regulator	ADP2102	600 mA, 3 MHz, synchronous 95% efficiency
Touch Control	Capacitance-to-Digital Converters	AD7142, AD7143, AD7147	Adaptive environmental control
Video	HDMI Interface	AD9387NK	1080i on 1.8 V single supply
	Mobile TV Tuner	ITD2010	Low power, single-chip solution
	Video Encoder	ADV7390	Low power, oversampling for all standards
	Video Filter/Buffer	ADA4431-1	Integrated charge pump and load detect
	Video Operational Amplifier	ADA4853-1	Ultralow power disable
Wireless Communication	SoftFone [®] 3G Baseband Processors	AD6902, AD6903	Support W-CDMA and TD-SCDMA standards
	SoftFone GPRS/EDGE Baseband Processors	AD6900, AD6722	DSP, analog, audio, power management
	Othello [®] 3G Radio Transceiver	AD6551	CMOS direct conversion architecture
	Othello GPRS/EDGE Radio Transceivers	AD6548, AD6546	Direct conversion architecture for low cost

Application-engineered ICs simplify and accelerate your design

Handheld designs are challenging. Reduced power, smaller packaging, and lower costs drive every design, yet the demands on performance are increasing. You also need to get to market fast, with leading IC components from a supplier you can trust. You need Analog Devices.

- ADI ICs deliver industry-leading performance and value per μA of current, MHz of speed, and mm² of space. These attributes translate into better quality video, higher fidelity audio, improved reception—features that deliver a better user experience.
- Our broad portfolio of application-tuned Blackfin[®] Processors and analog ICs offers smarter integration and more system-level solutions on-chip—features that minimize size, cost, and power while delivering a better design experience.

For more information about our ICs optimized for digital cameras, portable media players, handsets, and other portable designs, please visit www.analog.com/HandheldDesignICs or call 1-800-AnalogD.