Features

- 300 mA/1.9V/2.5V DC to DC Converter
- 80 mA/2.8V Dual-mode LDO Regulator (LDO1)
- 130 mA/2.7V/2.8V LDO Regulator (LDO2)
- 130 mA/2.8V LDO Regulator (LDO3)
- 130 mA/2.8V LDO Regulator (LDO4)
- 10 mA/1.8/2.8V Dual-mode LDO Regulator (LDO5)
- Available in a 5 mm x 5 mm 32-pin QFN or 5 mm x 5 mm 32-ball BGA Package
- Applications: Mobile Phones, Digital Cameras, PDAs, SmartPhones, DECT Phones, Handset Devices



The AT73C212 provides a power management solution for integration of multimedia features in mid-level mobile phone handsets. These features may include a camera module (CMOS or CCD), audio generators for a polyphonic or MP3 ringer, a co-processor for JPEG encoding and an external memory module.

The AT73C212 contains six power supplies: five linear voltage regulators providing output voltage from 1.8V to 2.8V and output current from 10 mA to 130 mA and a DC - DC converter supplying 300 mA from 1.9V or 2.5V.

The device is available in two compact, space-saving package options: 32-ball BGA or 32-pin QFN.



Power
Management for
Mobiles (PM)

AT73C212

Summary

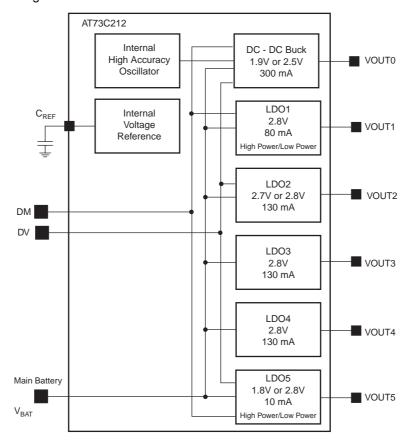


2743AS-PMGMT-05/04



Block Diagram

Figure 1. AT73C212 Block Diagram







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