

150mA CMOS High Performance LDO Regulator

The KIC3213series Low Dropout Linear Regulator is ideally suited for portable applications. It offers 1% initial accuracy, extremely-low dropout voltage(210mV at 150mA, 3.3V Output Type), low ground current (typically 36uA) and ultra small package(UDFN1010-4). Designed specifically for handheld and battery-powered devices, the KIC3213series provides a TTL-logic-compatible ON/OFF control pin. When disabled, power consumption drops nearly to zero. The KIC3213series also works with low-ESR ceramic capacitors, reducing the amount of board space necessary for power applications, critical in handheld wireless devices. The Line transient response and load transient response of the KIC3213series are very excellent, thus ICs are very suitable for the power supply for hand-held communication equipment.

Applications