

Texas Instruments HiRel announces new versions of its popular Unitrode Power Management and AC logic families.

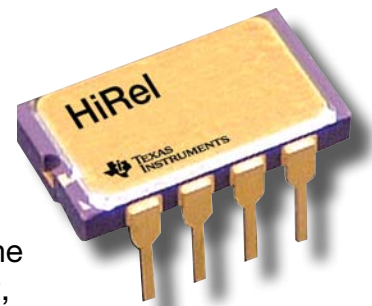


TI offers improved radiation performance on power management and logic devices extending product applications into high temperature, medical, and aerospace applications.

In response to market demand, TI has released new versions of its popular Unitrode Power Management family and AC logic devices.

ELDRS (Enhanced Low Dose Rate Sensitivity) has become an issue for Analog products in applications requiring tolerance to total dose radiation. To help mitigate this effect TI has released new versions of its UC18xx family with reduced sensitivity which will achieve greater than 30Krad tolerance to low dose rate radiation. The associated SMD numbers are shown below.

In addition TI has released new versions of its AC logic family, the SN54AC14, SN54AC02, and SN54AC00 which reach a Total Irradiated Dose (TID) levels of 50Krad. These improvements provide lower leakage current and improve radiation performance for high temperature, medical and aerospace applications.



Visit www.ti.com/hirel for more information.

Unitrode Radiation Improvement Releases

5962-8768104VEA 5962-8768104V2A	UC1825J-SP UC1825FK-SP	Dual output, 1MHz voltage/current mode PWM Controller
5962-8768105VEA	UC1825AJ-SP	Dual output, 1MHz voltage/current mode PWM Controller
5962-8951106V2A	UC1525BFK-SP	Dual output, 250KHz voltage mode PWM Controller
5962-8680603VEA 5962-8680603V2A	UC1846J-SP UC1846FK-SP	Dual output, 500KHz voltage/current mode PWM Controller
5962-8670409VPA	UC1843AJG-S	Single ended, 500KHz voltage/current mode PWM Controller

AC Logic Family Releases

5962-8762402VDA	SN54AC14-SP	HEX INVERTER, SCHMITT TRIGGER
5962-8761203VDA	SN54AC02-SP	Quadruple 2-Input Positive-NOR Gates
5962-8754903VCA	SN54AC00-SP	Quadruple 2-Input Positive-NAND Gates

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