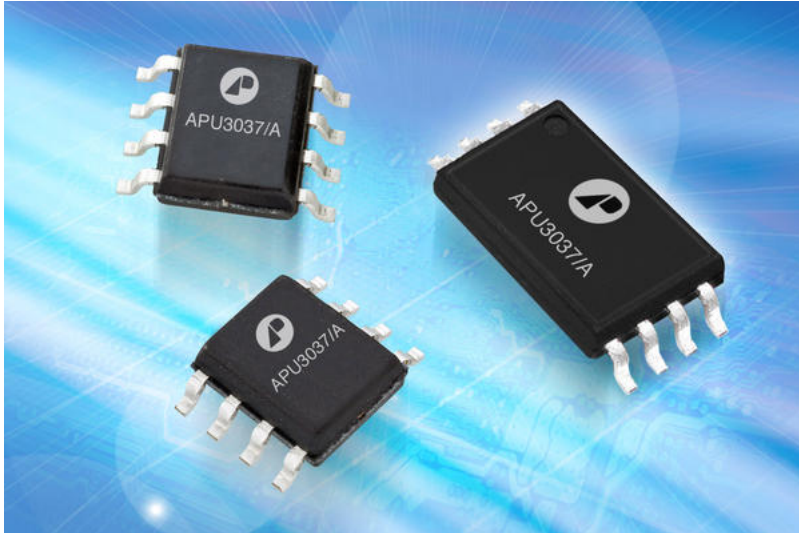


Synchronous buck regulator for on-board dc to dc converter applications offers low price



Advanced Power Electronics Corp. announced the APU3037-3 controller IC designed to be a low cost synchronous buck regulator for on-board dc to dc converter applications.

The APU3037-3 features an internal 200kHz oscillator (400kHz for the A version), under-voltage lockout for both Vcc and Vc supplies, and external programmable soft-start function as well as output under-voltage detection that latches the device off when an output short is detected. It operates with single 5 or 15V supply in fixed frequency voltage mode and has a 500mA peak output drive capability.

The package is halogen-free and compliant with both current RoHS and REACH environmental requirements for hazardous materials.

Applications include DDR memory source/sink Vtt, graphics cards and hard disk drives, or any other products that require a low cost on board 1.8, 2.5, 3.3 or 5V dc/dc converter.

Advanced Power Electronics Corp.

1 408-717-4231

<http://www.a-powerusa.com> [1]

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