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Product Change Notification

Products affected: All Aimtec AM1D-xxxxxH60-NZ series components.

Product list: AM1D-0505SH60-NZ, AM1D-0509SH60-NZ, AM1D-0512SH60-NZ, AM1D-0515SH60-NZ, AM1D-1205SH60-NZ, AM1D-1209SH60-NZ, AM1D-1212SH60-NZ, AM1D-1215SH60-NZ, AM1D-0505DH60-NZ, AM1D-0509DH60-NZ, AM1D-0512DH60-NZ, AM1D-0515DH60-NZ, AM1D-1205DH60-NZ, AM1D-1209DH60-NZ, AM1D-1212DH60-NZ, AM1D-1215DH60-NZ

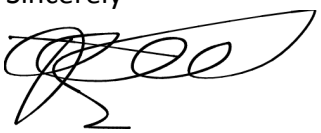
Affective Date: Products with manufacturing date codes of 1322 or newer.

Description of change: The switching frequency of the component will change from 250 KHz to 40 KHz, continuous short circuit protection added, operating temperature raised to 105°C, and improved efficiency +4% .

Reason for change: Aimtec engineering services always strives to improve its designs to better serve its customer needs, improve performance, reliability and value. The change being introduced is a fundamental switching frequency change which allows for design improvements in other key areas. The efficiency of the converter will improve on average of 4%. Continuous short circuit protection is being added (previously momentary). Also the operating temperature range of the components is improved to -40°C to +105°C (previously up to +85°C).

Customer Impact: The change in fundamental switching frequency was needed to facilitate the design improvements implemented. This change in switching frequency should have low to no impact to most customers. However for some customers who have an end application which is configured to limit noise in the 250Khz range with filtering, or who would be subject to noise in the 40Khz range, then the customer should take steps to review their application and make appropriate adjustments. Alternatively a customer can select a different DC to DC converter to mitigate this change (ie. AM1D-Z series). Otherwise, customers will benefit from improved operating temperature, efficiency, and continuous short circuit protection.

Sincerely



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