

Product Change Notice

Issue Date: 29-October-2021

Change Description:

Datasheet change to ACFJ-3530T

Parts Affected:

ACFJ-3530T-000E
ACFJ-3530T-500E

Description and Extent of Change:

1. Change CSA approval from Notice #5, File CA 88324 to CAN/CSA-C22.2 No.62368-1
2. Under IEC/EN/DIN EN 60747-5-5 table:
 - a. Remove Insulation Classification for rated mains voltage ≤ 1000 Vrms
 - b. Change Input Power ($P_{S,INPUT}$) = 400mW to Input Current ($P_{I,INPUT}$) = 400mA
3. Under ESD Ratings table:
 - a. Change Human Body Model classification from C2 to 2
 - b. Change Charge Device Model classification from C4B to C2a
4. Under Electrical and Switching Specification table:
 - a. Change maximum value of /UVLO Logic High Output Current ($I_{/UVLO_H}$) from 1 μ A to 10 μ A.
 - b. Change maximum value of /FAULT Logic High Output Current ($I_{/FAULT_H}$) from 1 μ A to 10 μ A.

Reasons for Change:

1. CSA Notice #5 is obsoleted.
2. Under IEC/EN/ DIN EN 60747-5-5 table:
 - a. Not relevant specification for this part.
 - b. Typographical error. Input IC power is stated under Absolute Maximum Table.
3. Under ESD Ratings table:
 - a. Change is updated per AEC Q100-002 REV-E
 - b. Change is updated per AEC Q100-011 REV-D
4. Under Electrical and Switching Specification table:
 - a. Typographical error of "1" vs "10" during data sheet compilation
 - b. Typographical error of "1" vs "10" during date sheet compilation

Effect of Change on Fit, Form, Function, Quality, or Reliability:

The device electrical performance remains the same. Appropriate electrical characterization and reliability qualification has been performed on representative products to ensure normal parametric distribution, consistent electrical performance, and reliability.

Effective Date of Change:

Product shipments using this change will begin after 30/01/2022.

Qualification Data:

No additional qualification data is required for this PCN. The parts have been tested, characterized and approved based on AEC-Q100 guidelines. Please reference the qualification test plan (QTP).



Software / Firmware Update:

Not applicable.

Please contact your Broadcom field sales engineer or Contact Center for any questions or support requirements. Please acknowledge the receipt of the notice within 30 days of delivery. Lack of acknowledgement within 30 days constitutes acceptance of the change per JEDEC J-STD-046.