



**QUALIFICATION REPORT SUMMARY
RELIABILITY LABORATORY**

PCN #: BLAS-02CFUJ130

**Date:
November 25, 2025**

**Qualification of Tin (Sn) as a new terminal plating for selected
APL502, APL602, APT100, APT10M, APT11N, APT120, APT13G,
APT150, APT15D, APT15G, APT200, APT20G, APT20M, APT25G,
APT30D, APT30G, APT30M, APT30S, APT33G, APT35G, APT401,
APT40D, APT40G, APT40M, APT45G, APT47N, APT501, APT502,
APT50G, APT50M, APT601, APT602, APT603, APT60D, APT60M,
APT60S, APT65G, APT75G, APT801, APT802, APT803, APT804,
APT805, APT806, APT807, APT80G, APT94N, CC1105, CC1215,
CC2515, CC3037, CC3038, CC3069 and CC3125 Microsemi
Power Discrete TO-247 products.**



Purpose: Qualification of Tin (Sn) as a new terminal plating for selected APL502, APL602, APT100, APT10M, APT11N, APT120, APT13G, APT150, APT15D, APT15G, APT200, APT20G, APT20M, APT25G, APT30D, APT30G, APT30M, APT30S, APT33G, APT35G, APT401, APT40D, APT40G, APT40M, APT45G, APT47N, APT501, APT502, APT50G, APT50M, APT601, APT602, APT603, APT60D, APT60M, APT60S, APT65G, APT75G, APT801, APT802, APT803, APT804, APT805, APT806, APT807, APT80G, APT94N, CC1105, CC1215, CC2515, CC3037, CC3038, CC3069 and CC3125 Microsemi Power Discrete TO-247 products.

eSign No.: SPE0000059

QUALIFICATION RESULTS

Test Name	Result
Solderability	Passed
Temperature and Humidity	Passed
Tape Test	Passed
Temperature Cycle	Passed
Pressure Cooker Test	Passed