QUALIFICATION PLAN SUMMARY

PCN #: CAAN-14COGQ329

Date:
February 12, 2026

Qualification of MMT as a new final test and MTAI as a new scan and pack site for SG3503M, SG3503DM-TR, SG3503DM catalog part numbers (CPN) available in 8L SOIC (.150in) and 8L PDIP (.300in) package. The qualification MMT as a new final test site for SG2524BDW, SG2524BDW-TR, SG2524BN, SG3524BDW, SG3524BDW-TR and SG3524BN catalog part numbers (CPN) and MTAI as a new scan and pack site for SG2524BN and SG3524BN catalog part numbers (CPN) available in 16L SOIC (.300in) and 16L PDIP (.300in) packages will qualify by similarity (QBS).

MICROCHIP

PACKAGE QUALIFICATION PLAN

Purpose: Qualification of MMT as a new final test and MTAI as a new scan and pack site for SG3503M, SG3503DM-TR, SG3503DM catalog part numbers (CPN) available in 8L SOIC (.150in) and 8L PDIP (.300in) package. The qualification MMT as a new final test site for SG2524BDW, SG2524BDW-TR, SG2524BN, SG3524BDW, SG3524BDW-TR and SG3524BN catalog part numbers (CPN) and MTAI as a new scan and pack site for SG2524BN and SG3524BN catalog part numbers (CPN) available in 16L SOIC (.300in) and 16L PDIP (.300in) packages will qualify by similarity (QBS).

CCB No.: 8030 and 8030.002

Test Name	Test Conditions	Sample Size	Qty of Lots	Fail/Accept Criteria
Bin and Yield Comparison	Test the same units at existing and destination locations and compare Bin and Yield data.	33	1	≤0.1%
Parametric / Characterization Comparison	Characterize the same units at existing and destination locations and compare data.	33	1	≤10.0%
Correlation Lot Report	Yield at each step and reject analysis between systems. 33 units are tested as lot correlation.	33	1	≤0.1%