



MICROCHIP

QUALIFICATION REPORT SUMMARY

PCN #: CAAN-12TUCK080

Date:

December 19, 2025

Qualification of MTAI as an additional final test site for AT80C51RD2-3CSUM, AT89C51RB2-3CSUL, AT89C51RB2-3CSUM and AT89C51RC2-3CSUM catalog part numbers (CPN) available in 40L PDIP (.600in) package.

Purpose: Qualification of MTA1 as an additional final test site for AT80C51RD2-3CSUM, AT89C51RB2-3CSUL, AT89C51RB2-3CSUM and AT89C51RC2-3CSUM catalog part numbers (CPN) available in 40L PDIP (.600in) package.

CCB No.: 8019

Test Name	Test Conditions	Sample Size	Qty of Lots	Fail/Accept Criteria	Result
Bin and Yield Comparison	Test the same units at existing and destination locations and compare Bin and Yield data.	3000	1	$\leq 0.1\%$	Passed
Parametric / Characterization Comparison	Characterize the same units at existing and destination locations and compare data.	33	1	$\leq 10\%$	Passed
Correlation Lot report	Accept on yield match within 0.1%	33	1	$\leq 0.1\%$	Passed