



MICROCHIP

QUALIFICATION REPORT SUMMARY

PCN#: MAAN-12RYAO996

Date

August 6, 2024

Qualification of MPHL as a new final test site for selected AT89Cxx, AT89LPxx, AT89S8253, ATMEGA16xx, ATMEGA32, ATMEGA48, ATMEGA6xx, ATMEGA8xx, ATTINY2xx, ATTINY4313 and ATTINY861A device families available in 20L PDIP (.300in), 28L SPDIP (.300in) and 40L PDIP (.600in) packages.



MICROCHIP
PACKAGE QUALIFICATION PLAN

Purpose Qualification of MPHL as a new final test site for selected AT89Cxx, AT89LPxx, AT89S8253, ATMEGA16xx, ATMEGA32, ATMEGA48, ATMEGA6xx, ATMEGA8xx, ATTINY2xx, ATTINY4313 and ATTINY861A device families available in 20L PDIP (.300in), 28L SPDIP (.300in) and 40L PDIP (.600in) packages.

CCB No.: 6690

Test / Evaluation	Test Condition / Parameter	Result
Datalog/Bin Comparison	<ul style="list-style-type: none">• Compare test numbers, test names, test sequence bin assignments & pass/fail results• Accept if all match or justify the differences.	Passed
Site by Site Verification	<ul style="list-style-type: none">• Verifies the channel map has the correct site assignments and tester/handler communications work correctly.	Passed
Correlation Lot Report	<ul style="list-style-type: none">• Yield comparison between systems and test sites.• Accept on yield match within 0.1%.	Passed
Test Stability Verification	<ul style="list-style-type: none">• 50 loop test performed with no datalog delays.<ul style="list-style-type: none">- Accept on 0 fails	Passed