



MICROCHIP

QUALIFICATION PLAN SUMMARY

PCN #: KSRA-10NHGM141

Date

June 28, 2019

Qualification of MTAI as a new final test site for selected products of Micrel MIC4605 device family available in 8L SOIC package.

Purpose: **Qualification of MTAI as a new final test site for selected products of Micrel MIC4605 device family available in 8L SOIC package.**

CCB No.: **3855**

Test / Evaluation	Test Conditions / Parameters
Original Final Test Site Correlation	• Run 3,000 devices to the final test flows at the original site and keep the good devices and rejects in separate bins. • Take 25 serialized good units for partial gonogo correlation. • Take 33 serialized good units for full characterization at room, hot and cold • Include 33 untested units on the shipment • Ship all units to destination FT site
Original Final Test Site Characterization	• Test the 33 untested units and separate good and rejects • Pass the Tester Guardband
Destination Final Test Site Characterization	• Take 25 serialized good units for partial gonogo correlation. • Gonogo Correlation -Passed/Fail • Run 3000 tested units at room, hot, cold temp. • Bin Comparison - 0.1% Yield Comparison - 0.1% • Run 33 serialized good units for full characterization at room, hot and cold
Destination Final Test Site Cross Correlation	• Test the 33 untested units and separate good and rejects