## This checklist must be submitted as a PDF as part of your submission.

Name of Certifying Engineer(s): Email of Certifying Engineer(s): Name(s) of System Under Test:	•	
Division (check one): ☐ Open ☑ Closed		
Category (check one):  ☑ Available □ Preview □ Research, Development,	and Internal (RDI)	
Benchmark(s) (check all that app  ☐ Visual Wake Words ☐ Keyword Spotting ☐ Anomaly Detection ☑ Image Classification  Please fill in the following table a		
System Under Test Name	Benchmark	Accuracy/AUC
NUCLEO-L4R5ZI (MicroTVM, CMSIS_NN)	IC	Top-1: 87.5 %
NUCLEO-L4R5ZI (MicroTVM, Native)	IC	Top-1: 87.5 %
For each SUT, is the benchmark division) (check all that apply):  Yes (Visual Wake Words Yes (Keyword Spotting Yes (Anomaly Detection Yes (Image Classification No, for some combination	80% Accuracy) . 90% Accuracy ) 0.85 AUC)	
For each SUT and benchmark, of mode? (check one):  ☑ Yes □ No	lid the submission run on the wh	nole validation set in accuracy

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☐ Yes
<ul> <li>□ No</li> <li>Are the weights calibrated using data outside of the official calibration set? (check one)</li> <li>□ Yes</li> </ul>
☐ Yes
☑ No
What numerics does the submission use? (check all that apply) ☐ INT4 ☐ UNT3
☑ INT8
□ INT16
□ UINT8 □ UINT16
☐ FP11
☐ FP16
□ BF16
☑ FP32
☐ Other, please specify:
What backend does the submission use? (check all that apply)
☐ Vendor backend, please name:
☐ TF-Lite Micro
☑ Micro TVM
☑ Other, please specify:
<ul><li> "MicroTVM Native" uses only MicroTVM with Native Schedule</li><li> "MicroTVM CMSIS_NN" uses MicroTVM with CMSIS_NN integration</li></ul>
Which of the following caching techniques does the submission use? (check all that apply,
ideally none):
<ul><li>□ Caching Inputs between iterations</li><li>□ Caching responses between iterations</li></ul>
☐ Caching responses between iterations ☐ Caching intermediate computations between iterations

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Which of the following techniques does the submission use? (check all that apply, ideally none if submitting to the closed division.)  Quantization aware training Wholesale weight replacement Weight supplements Discarding non-zero weight elements Pruning Modifying weights during the timed portion of an inference run Hard coding the total number of queries None of the above
Is the submission congruent with all relevant MLPerf rules?  ☑ Yes □ No
If the answer to the above question is no, please explain:
For each SUT, have you filled out the JSON system description file?  ☑ Yes □ No
For each SUT, does the submission accurately reflect the real-world performance of the SUT?  ☑ Yes □ No
Does your submission include the following: (check all that apply)  ☑ System description file  ☑ Code that implements the benchmarks  ☑ Code/scripts that train the model(s) (Open Division)  ☑ Metadata that describes each system-implementation combination tested  ☑ Scripts that set up and execute each system implementation tested  ☑ Result logs for each system implementation tested  ☑ This Checklist