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

Name of Certifying Engineer(s): Email of Certifying Engineer(s):	Grigori.Fursin@cTuning.org	
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 ap	ply):	
Visual Wake Words		
Keyword Spotting		
Anomaly Detection		
☑ Image Classification		
Please fill in the following table a	adding lines as necessary:	
System Under Test Name	Panahmark	Acquire ov/ALIC

System Under Test Name	Benchmark	Accuracy/AUC
NUCLEO-L4R5ZI (MicroTVM, CMSIS_NN)	KWS	Top-1: 90.1 %
NUCLEO-L4R5ZI (MicroTVM, Native)	KWS	Top-1: 90.2 %
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 Accuracy/AUC target met? (Not a requirement for the Open division) (check all that apply):

Yes (Visual Wake Words ... 80% Accuracy)

Yes (Keyword Spotting ... 90% Accuracy)

Yes (Anomaly Detection ... 0.85 AUC)

Yes (Image Classification ... 85% Accuracy)

No, for some combination of benchmark, scenario and SUT

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

	ach SUT and benchmark, did the submission run on the whole validation set in accuracy ? (check one):
	Yes
Ц	No
For ea	ach SUT and benchmark, does the submission use the EEMBC Runner? (check one)
✓	Yes
	No
For ea	ach SUT and benchmark, is the same code run in accuracy and performance modes?
✓	Yes
	No
	e weights calibrated using data outside of the official calibration set? (check one)
	Yes
V	No
What	numerics does the submission use? (check all that apply)
	INT4
✓	INT8
	INT16
	UINT8
	UINT16
	FP11
	FP16 BF16
_	FP32
 ✓	
	Other, please specify:
_	backend does the submission use? (check all that apply)
	Vendor backend, please name:
_	TF-Lite Micro
	Micro TVM
✓	- ·····, p······,
	- "MicroTVM Native" uses only MicroTVM with Native Schedule
	- "MicroTVM CMSIS_NN" uses MicroTVM with CMSIS_NN integration
	of the following caching techniques does the submission use? (check all that apply,
•	none):
	Caching Inputs between iterations
_	Caching responses between iterations
	Caching intermediate computations between iterations

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

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 Ueight 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