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:	cthsieh@skymizer.com	
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	AD	AUC: 0.87
	IC	Top-1: 87%
	KWS	Top-1: 91.4%
	VWW	Top-1: 84.7%
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	a 80% Accuracy) ✓ 90% Accuracy) ✓ 0.85 AUC) ✓ n 85% Accuracy) ✓ n of benchmark, scenario and S	UT
mode? (check one):	and the submission full on the wi	iolo validation set in accuracy
□ Yes ✓ □ No		

For each SUT and benchmark, does the submission use the EEMBC Runner? (check one) ☐ Yes ✓ ☐ No
For each SUT and benchmark, is the same code run in accuracy and performance modes? (check one) ☐ Yes ✓ ☐ No
Are the weights calibrated using data outside of the official calibration set? (check one) ☐ Yes ☐ No ✓
What numerics does the submission use? (check all that apply) INT4 INT8 ✓ INT16 UINT8 UINT16 FP11 FP16 BF16 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: ✓ Tiny ONNC with CMSIS-NN intergration.
Which of the following caching techniques does the submission use? (check all that apply, ideally none): Caching Inputs between iterations Caching responses between iterations Caching intermediate computations between iterations
Which of the following techniques does the submission use? (check all that apply, ideally none submitting to the closed division.)

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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 ✓
ubmission congruent with all relevant MLPerf rules? Yes ✓ No
swer to the above question is no, please explain:
h SUT, have you filled out the JSON system description file? Yes ✓ No
h SUT, does the submission accurately reflect the real-world performance of the SUT? Yes \checkmark No
our 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
VIIV IN THE TOTAL