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

	of Certifying Engineer(s): romain.trilling@st.com (s) of System Under Test: NUCLEO-U3C5ZI
Divisio	n (check one):
	Open
\square	Closed
Catego	ory (check one):
	Preview
	Available
	Research, Development, and Internal (RDI)
Bench	mark(s) (check all that apply):
$\overline{\checkmark}$	Visual Wake Words
	Keyword Spotting
	Image Classification
	Streaming Wake Word

Name of Certifying Engineer(s): Romain TRILLING

Please fill in the following table adding lines as necessary:

System Under Test Name	Benchmark	Accuracy/AUC
NUCLEO-U3C5ZI	Image classification (IC)	87.0% / 0.98
NUCLEO-U3C5ZI	Keyword Spotting (KWS)	90.2% / 0.99
NUCLEO-U3C5ZI	Visual Wake Words (VWW)	85.2% / 0.94
		FP / FN
NUCLEO-U3C5ZI	Streaming Wake Word	6 / 4

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 (Image Classification ... 85% Accuracy)
- □ No, for some combination of benchmark, scenario and SUT

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mode? ☑	ch SUT and benchmark, did the submission run on the whole validation set in accuracy (check one): Yes No
	ch SUT and benchmark, does the submission use the EEMBC Runner? (check one) Yes No
(check ☑	ch SUT and benchmark, is the same code run in accuracy and performance modes? one) Yes No
	e weights calibrated using data outside of the official calibration set? (check one) Yes No
	INT4 INT8 INT16 UINT8 UINT16 FP11 FP16 BF16 FP32 Other, please specify:
_ _ _	Vendor backend, please name: TF-Lite Micro Micro TVM Other, please specify: STEDGEAI Internal Release
ideally	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

Which of the following techniques does the submission use? (check all that apply, ideally none 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