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iNEMO* inertial modules

Evaluation tools and GUI



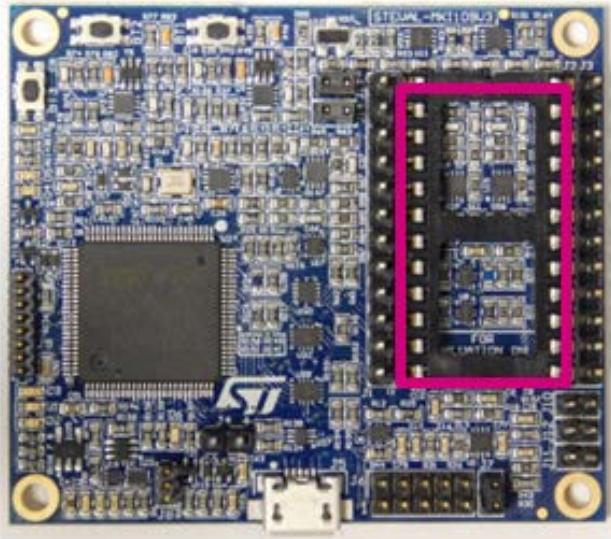
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iNemo inertial modules

Performance evaluation kits

Professional board & GUI for performance evaluation

Professional MEMS motherboard



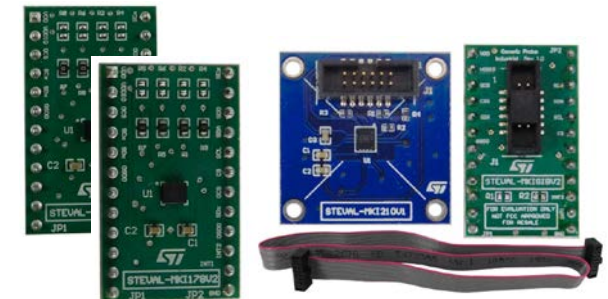
STEVAl-MK1109V3

UNICO-GUI software

Operating system	ST software
Linux	STSW-MK1109L
Mac OS X	STSW-MK1109M
Windows	STSW-MK1109W

Evaluation board (adapter)

Dedicated adapters available in “Tools & Software” section of the relative product page.

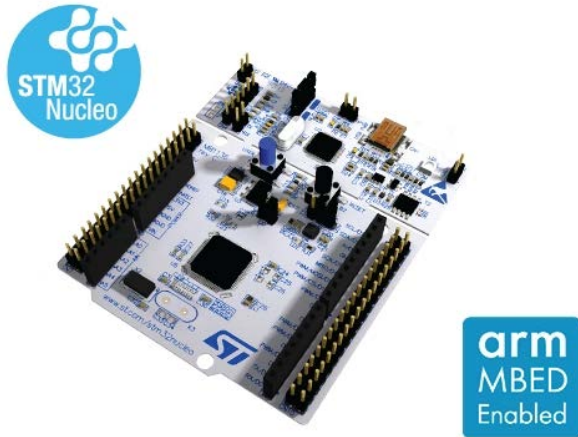


STEVAl-MK1xxxVx
MEMS sensor DIL24
adapter board

iNemo inertial modules - Evaluation boards

Evaluation board & GUI to capture and process data

STM32 Nucleo (motherboard)



STM32 Nucleo family

- NUCLEO-F401RE
- NUCLEO-L476RG
- NUCLEO-L152RE
- NUCLEO-L073RZ
- ...and more

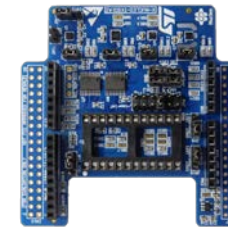
Software

ST software	Function
<u>UNICLEO-GUI</u>	To acquire data and test the performance
<u>ALGOBUILDER</u>	To design custom firmware & algorithms

Expansion board (multi-sensor)

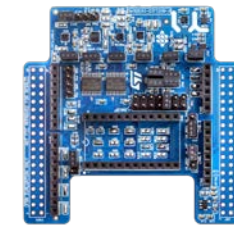
Possibility to connect a DIL24 adapter board on the expansion board with STM32 Nucleo environment*

X-NUCLEO-IKS01A2



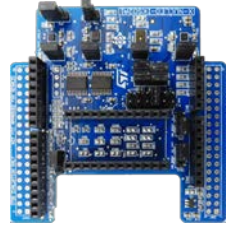
with LSM6DSL

X-NUCLEO-IKS01A3



with LSM6DSO

X-NUCLEO-IKS02A1



with ISM330DHCX

Motion MEMS and environmental sensor expansion boards

*check if the sensor is supported by X-CUBE-MEMS1 SW package

iNemo inertial modules

Quick prototyping (1)

Form factor boards & GUI to easily develop new applications

STEVAL-MKSBOX1V1



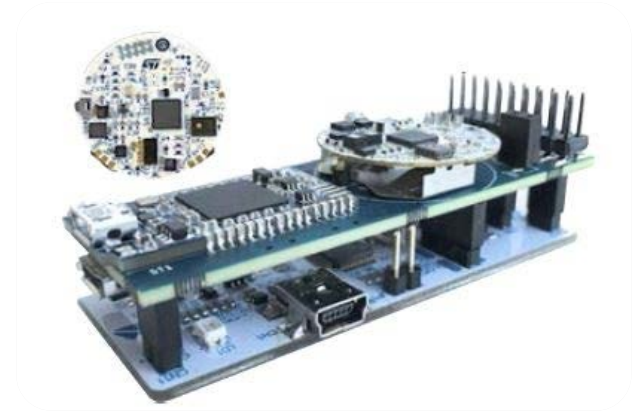
Sensortile.box wireless sensor kit
with LSM6DSOX

STEVAL-STWINKT1



STWIN Industrial node
with ISM330DHCX

STEVAL-BCN002V1B



BlueTile development kit
with LSM6DSO

iNemo inertial modules

Quick prototyping (2)

Form factor boards & GUI to easily develop new applications

STEVAL-BFA001V1B



Predictive maintenance kit with sensors and IO-Link capability with ISM330DLC

STEVAL-MKI187V1



96Boards ArgonKey board with LSM6DSL

STEVAL-DRONE01



Complete Mini drone kit with LSM6DSL

For more information and support

Learn more about ST Sensors and its Ecosystem
www.st.com/sensors

iNEMO inertial modules: [iNEMO inertial modules](#)

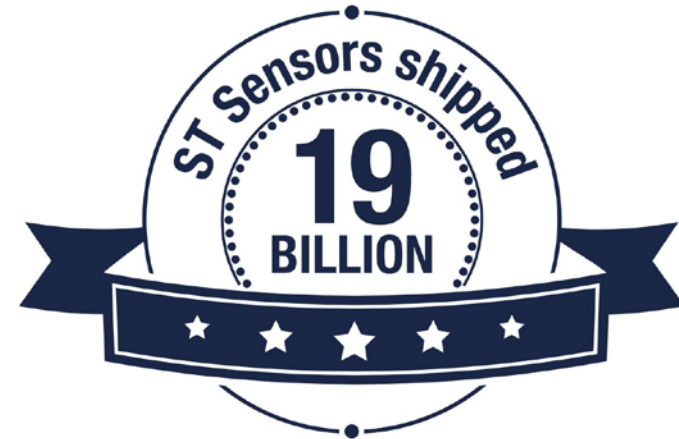
Mass Market Support: [Online Support](#)

ST MEMS Community: [ST Community](#)

Q&A MEMS sensors: [Q&A](#)

GitHub repository: [ST GitHub repository](#)

Android / Linux / Open Drivers: [Drivers for MEMS](#)



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