

<GIMASI SA> <TUINO 096>

SENSORS AND IO

Accelerometer	NO
3D G sensors	NO
GNSS (GPS)	YES
GLONASS (GPS)	YES
A-GPS	NO
Real time Clock	NO
Temperature Sensor	NO
LAN/Ethernet	NO
USB	NO
RS 232	YES
RS 485	NO
NTC	NO
PT1000	NO
0...10 V	NO
4...20 mA	NO
I2C Bus	YES
Digital In	YES
Digital Out	YES
CAN	NO
LIN Bus	NO
1-Wire	NO
SPI	YES
Analog to Digital Converter	YES
Audio In/Out	NO
SIM-Slot	YES - 4FF
Processor	ATSAMD21G18
Storage	-
Other Interfaces/sensors/comments	Arduino M0 Compatible Board

CONNECTIVITY

GSM	
2G	YES
3G	
LTE	NB1/CATM1
GSM connectivity in areas with poor signal	
Fixed Line Connectivity	NO
Bluetooth	NO
WLAN	NO
Other	NO

SUPPORTED PROTOCOL LAYERS / FRAMEWORK

Ethernet/IP	NO
Modbus TCP	NO
Modbus RTU	NO
CAN Bus	NO
OPC-UA	NO
Rockwell	NO
Siemens Logo	NO
Siemens S7	NO
Other	NO

PHYSICAL CHARACTERISTICS

Maximum Device Size	68 x 55 mm
Switchboard Installation	NO
DIN Rail mounting	NO
Maximum IP Class	Not applicable
Operating Temperature	-20° to +80°
Storage Temperature	-40° to +80°
Operating Humidity	-
Storage Humidity	-
Other physical characteristics	Bare developer PCB board

ELECTRICAL CHARACTERISTICS

Rechargeable battery	NO
Usage with one battery (capacity)	NO
Power Supply	NO
Other	Powered via USB



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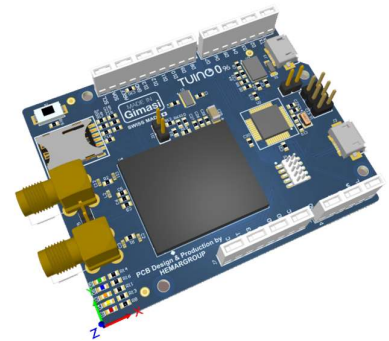
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CERTIFICATION

CE and WEEE	YES
E-mark	NO
FCC	NO
ECE	NO
IC	NO
RCM	NO
RED	NO
R&TTE	NO
PTCRB	NO
Lithium Battery CB	NO
Other Certificates	NO

CLOUD OF THINGS USE CASE

Dependent on the implemented agent (project specific)	
Self-registration	
Reboot device	
Measurement values	
Update device data	
Update device configuration	
TLS support	
Connection continuation	
Events will be sent to client	
Alarms will be sent to client	
Tracking data will be sent to backend	
Configuration settings can be changed via CoT	
Remote Control	
Stability Test	
Firmware over the air updates	NO
SIM Slot	



CONTACT

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