

FFTtesting S3

Highlights:

- Wireless Data Communication
- Low Energy Consumption
- BLE and Sub-GHz Communication
- Can be used in a standalone or a scalable modular network
- Compact and adaptable design
- Expandable with external sensors and BUS interfaces



Basic Data

Length	66,88 mm
Width	30,00 mm
Height	8,30 mm
Weight	12 g

On Board Sensors

Acceleration	$\pm 2g - \pm 16g$	16 bit
Gyroscope	125 - 2000 °/s	16 bit
Humidity	0 - 100 % RH	± 3 % RH
Pressure	300 - 1100hPa	1,7 hPa
Temperature	-40 – +65 °C	$\pm 1,5$ °C

Interfaces

Analog Input (NSH, e.g. for two Strain Gauges)
SPI
I2C
JTag (programming interface)
MMCX Jack (antenna)

Radio Standards

Bluetooth Low Energy	2402 - 2450 MHz
Sub GHz	861 - 1054 MHz

Power Supply

3,6 Volt (via NSH Connector)

