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# Syntax Coloring Map for SparkFun MPU-9250 Breakout #

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# Datatypes (KEYWORD1)

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MPU9250 KEYWORD1

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# Methods and Functions (KEYWORD2)

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getMres KEYWORD2

getGres KEYWORD2

getAres KEYWORD2

readAccelData KEYWORD2

readGyroData KEYWORD2

readMagData KEYWORD2

readTempData KEYWORD2

updateTime KEYWORD2

initAK8963 KEYWORD2

initMPU9250 KEYWORD2

calibrateMPU9250 KEYWORD2

MPU9250SelfTest KEYWORD2

writeByte KEYWORD2

readByte KEYWORD2

readBytes KEYWORD2

MadgwickQuaternionUpdate KEYWORD2

MahonyQuaternionUpdate KEYWORD2

getQ KEYWORD2

################################################################################

# Constants (LITERAL1)

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AK8963\_ADDRESS LITERAL1

WHO\_AM\_I\_AK8963 LITERAL1

INFO LITERAL1

AK8963\_ST1 LITERAL1

AK8963\_XOUT\_L LITERAL1

AK8963\_XOUT\_H LITERAL1

AK8963\_YOUT\_L LITERAL1

AK8963\_YOUT\_H LITERAL1

AK8963\_ZOUT\_L LITERAL1

AK8963\_ZOUT\_H LITERAL1

AK8963\_ST2 LITERAL1

AK8963\_CNTL LITERAL1

AK8963\_ASTC LITERAL1

AK8963\_I2CDIS LITERAL1

AK8963\_ASAX LITERAL1

AK8963\_ASAY LITERAL1

AK8963\_ASAZ LITERAL1

SELF\_TEST\_X\_GYRO LITERAL1

SELF\_TEST\_Y\_GYRO LITERAL1

SELF\_TEST\_Z\_GYRO LITERAL1

SELF\_TEST\_X\_ACCEL LITERAL1

SELF\_TEST\_Y\_ACCEL LITERAL1

SELF\_TEST\_Z\_ACCEL LITERAL1

SELF\_TEST\_A LITERAL1

XG\_OFFSET\_H LITERAL1

XG\_OFFSET\_L LITERAL1

YG\_OFFSET\_H LITERAL1

YG\_OFFSET\_L LITERAL1

ZG\_OFFSET\_H LITERAL1

ZG\_OFFSET\_L LITERAL1

SMPLRT\_DIV LITERAL1

CONFIG LITERAL1

GYRO\_CONFIG LITERAL1

ACCEL\_CONFIG LITERAL1

ACCEL\_CONFIG2 LITERAL1

LP\_ACCEL\_ODR LITERAL1

WOM\_THR LITERAL1

MOT\_DUR LITERAL1

ZMOT\_THR LITERAL1

ZRMOT\_DUR LITERAL1

FIFO\_EN LITERAL1

I2C\_MST\_CTRL LITERAL1

I2C\_SLV0\_ADDR LITERAL1

I2C\_SLV0\_REG LITERAL1

I2C\_SLV0\_CTRL LITERAL1

I2C\_SLV1\_ADDR LITERAL1

I2C\_SLV1\_REG LITERAL1

I2C\_SLV1\_CTRL LITERAL1

I2C\_SLV2\_ADDR LITERAL1

I2C\_SLV2\_REG LITERAL1

I2C\_SLV2\_CTRL LITERAL1

I2C\_SLV3\_ADDR LITERAL1

I2C\_SLV3\_REG LITERAL1

I2C\_SLV3\_CTRL LITERAL1

I2C\_SLV4\_ADDR LITERAL1

I2C\_SLV4\_REG LITERAL1

I2C\_SLV4\_DO LITERAL1

I2C\_SLV4\_CTRL LITERAL1

I2C\_SLV4\_DI LITERAL1

I2C\_MST\_STATUS LITERAL1

INT\_PIN\_CFG LITERAL1

INT\_ENABLE LITERAL1

DMP\_INT\_STATUS LITERAL1

INT\_STATUS LITERAL1

ACCEL\_XOUT\_H LITERAL1

ACCEL\_XOUT\_L LITERAL1

ACCEL\_YOUT\_H LITERAL1

ACCEL\_YOUT\_L LITERAL1

ACCEL\_ZOUT\_H LITERAL1

ACCEL\_ZOUT\_L LITERAL1

TEMP\_OUT\_H LITERAL1

TEMP\_OUT\_L LITERAL1

GYRO\_XOUT\_H LITERAL1

GYRO\_XOUT\_L LITERAL1

GYRO\_YOUT\_H LITERAL1

GYRO\_YOUT\_L LITERAL1

GYRO\_ZOUT\_H LITERAL1

GYRO\_ZOUT\_L LITERAL1

EXT\_SENS\_DATA\_00 LITERAL1

EXT\_SENS\_DATA\_01 LITERAL1

EXT\_SENS\_DATA\_02 LITERAL1

EXT\_SENS\_DATA\_03 LITERAL1

EXT\_SENS\_DATA\_04 LITERAL1

EXT\_SENS\_DATA\_05 LITERAL1

EXT\_SENS\_DATA\_06 LITERAL1

EXT\_SENS\_DATA\_07 LITERAL1

EXT\_SENS\_DATA\_08 LITERAL1

EXT\_SENS\_DATA\_09 LITERAL1

EXT\_SENS\_DATA\_10 LITERAL1

EXT\_SENS\_DATA\_11 LITERAL1

EXT\_SENS\_DATA\_12 LITERAL1

EXT\_SENS\_DATA\_13 LITERAL1

EXT\_SENS\_DATA\_14 LITERAL1

EXT\_SENS\_DATA\_15 LITERAL1

EXT\_SENS\_DATA\_16 LITERAL1

EXT\_SENS\_DATA\_17 LITERAL1

EXT\_SENS\_DATA\_18 LITERAL1

EXT\_SENS\_DATA\_19 LITERAL1

EXT\_SENS\_DATA\_20 LITERAL1

EXT\_SENS\_DATA\_21 LITERAL1

EXT\_SENS\_DATA\_22 LITERAL1

EXT\_SENS\_DATA\_23 LITERAL1

MOT\_DETECT\_STATUS LITERAL1

I2C\_SLV0\_DO LITERAL1

I2C\_SLV1\_DO LITERAL1

I2C\_SLV2\_DO LITERAL1

I2C\_SLV3\_DO LITERAL1

I2C\_MST\_DELAY\_CTRL LITERAL1

SIGNAL\_PATH\_RESET LITERAL1

MOT\_DETECT\_CTRL LITERAL1

USER\_CTRL LITERAL1

PWR\_MGMT\_1 LITERAL1

PWR\_MGMT\_2 LITERAL1

DMP\_BANK LITERAL1

DMP\_RW\_PNT LITERAL1

DMP\_REG LITERAL1

DMP\_REG\_1 LITERAL1

DMP\_REG\_2 LITERAL1

FIFO\_COUNTH LITERAL1

FIFO\_COUNTL LITERAL1

FIFO\_R\_W LITERAL1

WHO\_AM\_I\_MPU9250 LITERAL1

XA\_OFFSET\_H LITERAL1

XA\_OFFSET\_L LITERAL1

YA\_OFFSET\_H LITERAL1

YA\_OFFSET\_L LITERAL1

ZA\_OFFSET\_H LITERAL1

ZA\_OFFSET\_L LITERAL1

ADO LITERAL1

MPU9250\_ADDRESS LITERAL1

AK8963\_ADDRESS LITERAL1