

# SmartIMU Dev BOM

Name	Type	Designator	Value
Resistor	0603	R1, R2, R14, R15	22R
	0603	R7, R8, R9, R10, R11, R13	100R
	0603	R21, R22, R23	680R
	0603	R3, R4, R18	1K
	0603	R12	1.5K
	0603	R19	2K
	0603	R5, R6, R16, R17, R20	10K
Capacitor	0603	C11, C12	12pF
	0603	C19	0.01uF
	0603	C1, C2, C3, C4, C5, C7, C9, C13, C14, C15, C16, C17, C18, C20, C21, C22	0.1uF
	0603	C6, C8	10uF
	TAN0805	C10	2.2uF
LED	0603	D1	White
	0603	D2	Yellow
	0603	D3	Red
	0603	D4	Green
	0603	D5	Blue
IC	LQFP64	STM32	F412RE
	LQFP48	STM32J	F072C8
	QFN24	MPU	MPU9250
	LGA10	LPS	LPS25HB
	SON8	W25Q	W25Q128FV
	SOT89	XC	XC6220-3.3
Switch	TACT	KEY	3.5x3.5
	SPDT	POW	2.8x6.6
USB	Micro USB	USB, jUSB	Micro USB
Crystal	XTAL2520	XT	16MHz