SmartIMU Dev BOM

Name	Type	Designator	Value
Resistor	0603	R1, R2, R14, R15	22R
	0603	R7, R8, R9, R10, R11, R13	100R
	0603	R4, R21, R22, R23	680R
	0603	R3, R19	1K
	0603	R12	1.5K
	0603	R20	2K
	0603	R5, R6, R16, R17, R18, R24, R25, R26, R27, R28, R29, R30	10K
Capacitor	0603	C12, C13	22pF
	0603	C3,	22nF
	0603	C20	0.01uF
	0603	C1, C2, C4, C5, C6, C7, C8, C11, C14, C15, C16, C17, C18, C19, C21, C22, C23, C14	0.1uF
	0603	C25	1uF
	TAN0805	C9, C10	2.2uF
LED	0603	D1	White
	0603	D2	Yellow
	0603	D3	Red
	0603	D4	Green
	0603	D5	Blue
IC	LQFP64	STM32	F405RG
	LQFP48	STM32J	F072C8
	QFN24	MPU	MPU9250
	SON8	W25Q	W25Q128FV
	SOT23-5	RT	RT9193-3.3
Switch	TACT	KEY	3.5x3.5
	SPDT	POW	2.8x6.6
USB	Micro USB	USB	Micro USB
SD	Micro SD	SD	Micro SD
Crystal	XTAL5032	XT	8MHz
Module	UWB	DWM	DWM1000