

Document reference:	PCB reference: STEVAL-IDS001V4M
Company: STMicroelectronics	

Item	Quantity	Reference	Part / Value	Voltage / Ampere/Ohm	Type / Additional Notes	Tolerance	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number
SPSGRF_868MHz_Module_Dongle									
1	12	C1,C2,C3,C4,C5,C6,C8,C10,C11,C18,C19,C20	100nF	16V	Ceramic X7R C18 and C20 NOT MOUNTED	±10%	SMD 0402	Murata	GRM155R71C104KA88
2	1	C7	10uF	4V	Ceramic X5R	±20%	SMD 0402	Murata	GRM155R60G106ME44
3	2	C9,C16	1uF	10V	Ceramic X5R	±10%	SMD 0402	Murata	GRM155R61A105KE15
4	3	C12,C14,C15	10nF	50V	Ceramic X7R	±10%	SMD 0402	Murata	GRM155R71H103KA88
5	1	C13	2.2uF	6.3V	Ceramic X5R	±20%	SMD 0402	Murata	GRM155R60J225ME95
6	1	C17	33nF	25V	Ceramic X7R	±10%	SMD 0402	Murata	GRM155R71E333KA88
7	1	D1	RED LED				SMD 0603	Vishay	TLMS1100-GS08
8	1	D2	ORANGE LED				SMD 0603	Vishay	TLMO1100-GS08
9	1	D3	BAT30F3				Flip Chip	ST	BAT30F3
10	1	J1	SWD STRIP 6 PINS		SWD STRIP		Through Hole 6x1 2.54mm pitch	ANY	ANY
11	1	J2	USBA Male					Molex	048037-1000
12	1	J3	UART_STRIP		UART_STRIP NOT MOUNTED		Through Hole 4x1 2.54mm pitch	ANY	ANY
13	1	J4	POWER_STRIP		POWER_STRIP NOT MOUNTED		Through Hole 3x1 2.54mm pitch	ANY	ANY
14	1	J5	SPxx_GPIO_STRIP				Through Hole 4x1 2.54mm pitch	ANY	ANY
15	3	L1,L2,L3	0.6 Ohm 300 mA				SMD 0402	Murata	BLM15AG601SN1D
16	7	R1,R2,R3,R4,R5,R9,R11	10k			±1%	SMD 0402	ANY	ANY

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17	2	R6,R7	680			±1%	SMD 0402	ANY	ANY
18	5	R8, R12, R13, R14,R15	0		R12, R13,R15 NOT MOUNTED	±1%	SMD 0402	ANY	ANY
19	1	R10	100k			±1%	SMD 0402	ANY	ANY
20	2	SW1,SW2	PUSHBUTTON				SMD	C & K	KMR221GLFS
21	1	U1	STM32L151CUB6				UFQFPN48 7x7mm	ST	STM32L151CUB6
22	1	U2	USBLC6-2P6				SOT-666	ST	USBLC6-2P6
23	1	U3	M95640-RMC6TG				UFD8FN8 (MLP8)	ST	M95640-RMC6TG
24	1	U4	SPSGRF-868				SMD 11 pins	ST	SPSGRF-868
25	1	U5	LDS3985PU33R				DFN6D exposed pad	ST	LDS3985PU33R
26	1	U6	SMM4F50A				STmite flat (DO222-AA)	ST	SMM4F5.0A
27	1	U7	Resistor_Array_4x0 Ohm		Array of 4 0 Ohm SMD 0402 resistor		SMD	VISHAY BURNS	CRA06P0830000ZTA CAT16-000J42F
28	1	Y1	8MHz				CSTCE8M00G55- R0	Murata	CSTCE8M00G55-R0