

		PROJECT NAME: STEVAL-IDI003V2							
		BILL OF MATERIALS							
Item	Quantity	Reference	Part / Value	Voltage / Watt / Ampere	Type / TECHNOLOGY informations	Tolerance	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number
1	1	C1	10uF	10V	CERAMIC CAP.	±10%	SMD 0805	TAIYO YUDEN	LMK212F106ZG-T
2	5	C2,C4,C7,C8,C9,C11	100nF	10V	CERAMIC CAP.	±10%	SMD 0402	TAIYO YUDEN	LMK105BJ104KV-F
3	2	C3,C5	10nF	16V	CERAMIC CAP.	±10%	SMD 0402	TAIYO YUDEN	EMK105B7103KV-F
4		C10	100pF	50V	CERAMIC CAP.	±5%	SMD 0402	TAIYO YUDEN	UMK105CG101JV-F
5	1	J1	CON10		CONN HEADER 10POS .100 15AU		THROUGH HOLE	Sullins Connector Solutions	PRPC010SAAN-RC
6	1	R1	10k	1/16W	RESISTOR	±5%	SMD 0402	YAGEO	RC0402JR-0710KL
7	1	R2	47k	1/16W	RESISTOR	±5%	SMD 0402	YAGEO	RC0402JR-0747KL
8	7	R3,R5,R6,R7,R9,R10,R11	4K7	1/16W	RESISTOR	±5%	SMD 0402	YAGEO	RC0402JR-074K7L
9	2	R4,R8	0E	1/16W	RESISTOR	±5%	SMD 0402	YAGEO	RC0402JR-070RL
10	1	R12	1K	1/16W	RESISTOR	±5%	SMD 0402	YAGEO	RC0402JR-071KL
11	1	U1	LIS3DH		MEMS 3D ACCELEROMETER		LLGA 16 3x3x1.0	ST	LIS3DH
12		U2	MP34DT01		MEMS DIGITAL MICROPHONE		HLGA4 4x3x1	ST	MP34DT01
13		U3	TSV522		OP-AMP		MiniSO-8	ST	TSV522IST
14		U4	LPS25H		MEMS PRESSURE SENSOR		HCLGA-10L 2.5 X 2.5	ST	LPS25HTR
15		U5	HTS221		MEMS HUMIDITY SENSOR		HLGA-6L 2X2X0.9	ST	HTS221TR
16		U6	APDS-9004-020		AMBIENT LIGHT SENSOR 4CHIPLED		4-Pin ChipLED	AVAGO	APDS-9004-020