

	Document reference: STEVAL-ILL061V1						
	Company: STMicroelectronics						
Category	S. No.	Reference Designator	Component Description	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number or Equivalent	Quantity
ST Devices	1	U1,U2,U3	LED1642GW	TSSOP24-EP	ST	LED1642GW	3
	2	U4	L7981	HSOP8	ST	L7981ATR	1
	3	U5	LD117D33	SO-8	ST	LD1117D33TR	1
	4	U6	USBLC6-2P6	SOT-666	ST	USBLC6-2P6	1
	5	STM32F103CX	STM32F103C6T6	LQFP48	ST	STM32F103C6T6ATR	1
	6	D3	STPS2L30	SMA	ST	STPS2L30A	1
	17	D18	SM2T27	Stmite	ST	SM2T27A	1
Connectors/ Jumpers	7	J1,J2,J3,J4, J5,J6,J7,J8	2 pin connector	Through hole, 2.54 mm pitch	OnShore		8
	8	J9	USB B type	USB female conn	Tech	USB-M26FTR	1
	9	CN1	DC Jack	Female conn			1
	10	CN2	JTAG	Box conn, male			1
	11	P2	DNM				
Inductance	12	L1	22uH	Surface Mount	Murrata Power	22R223MC	1
	13			Tactile & Jog			
Switches	14	S1	SW PUSH BUTTON	Switches			1
	15	S2,S3,S4	Push Button	Through hole			3
Diodes/LEDs	16	LD1	LED red colour	SMD0805	Lite-On Inc	LTST-C170KRKT	1
	18	D19	Diode bridge	DFS	Fairchild	DF01S	1
	19	D1,D2,D3,D4, D5,D6,D7,D8, D9,D10,D11,D12, D13,D14,D15,D16	RGB LED	PLCC6	CREE	LL4148CLX6A-FKB- CJNNRFJBB7A363	16

Resistances	20	R1,R2,R3,R4,R5,R6, R7,R8,R9,R10,R11, R12,R13,R14,R15,R 16	47E	SMD0805	Panasonic - ECG	ERJ-6GEYJ470V or equivalent	16
	21	R17,R18,R19	18K	SMD0805	ECG	equivalent	3
	22	R20	200E	SMD0805	Panasonic - ECG	ERJ-6GEYJ201V or equivalent	1
	23	R21	5K1	SMD0805	Panasonic - ECG	ERJ-6GEY512V or equivalent	1
	24	R22	200K	SMD0805	Panasonic - ECG	ERJ-6GEYJ204V	1
	25	R23	2K	SMD0805	Panasonic - ECG	ERJ-6GEYJ202V or equivalent	1
	26	R24	560E	SMD0805	Panasonic - ECG	ERJ-6GEYJ561V or equivalent	1
	27	R25	220E	SMD0805	Panasonic - ECG	ERJ-6ENF221V	1
	28	R26	2K2	SMD0805	Panasonic - ECG	ERJ-6GEYJ222V or equivalent	1
	29	R27	330E	SMD0805	Panasonic - ECG	ERJ-6GEYJ331V or equivalent	1
	30	R28	POTENTIOMETER 10K	Through hole	ALPS	RK09K1130A70	1
	31	R29,R30	0E	SMD0805	Panasonic - ECG	ERJ-6GEY0R00V or equivalent	2
	32	R31,R34,R35	10K	SMD0805	Panasonic - ECG	ERJ-6GEYJ103V or equivalent	3
	33	R32,R33	DNM	SMD0805	Panasonic - ECG	ERJ-6GEYJ272V or equivalent	2
34	R36	100K	SMD0805	Panasonic - ECG	ERJ-6GEYJ104V or equivalent	1	
Capacitors	35	C1,C2,C3,C4,C13	10uF	SMD0805	Panasonic - ECG	ECJ-2FB1A106K or equivalent	5
	36	C5,C6,C7,C12,C14, C17,C18,C19,C20,C 21,C22,C23,C24, C25	100nF	SMD0805	TDK	CGA4F2X7R1H104K or equivalent	14
	37	C8	4.7nF	SMD0805	Taiyo Yuden	JMK212BJ476MG-T or equivalent	1

	38	C9	33uF	SMD1206	TDK	C3216X5R1C336M or equivalent	1
	39	C10	220nF	SMD0805	Taiyo Yuden	UMK212B7224KG-T or equivalent	1
	40	C11	22nF	SMD0805	Taiyo Yuden	QMK212B7223KG-T or equivalent	1
	41	C15	10uF/50V	SMD1206	TDK	C3216X5R1H106k or equivalent	1
	42	C16	470pF	SMD0805	TDK	equivalent	1
	43	C26	4.7nF	SMD1206	TDK	CGA4C2C0G1H472J or equivalent	1