

Date: **January 20, 2021**

Document reference:	PCB reference: EVAL-L99H02XP for STM8 v1.0 daughterboard
Company: STMicroelectronics	
Contact person:	E-mail:

Comment	Description	Designator	Footprint	LibRef	Quantity
220nF	Capacitor	C1, C2, C5, C17	0805_C	CAP	4
220uF 50V	Capacitor	C3, C4	CAPPOL10D	CAPACITOR	2
NP	Capacitor	C6, C7, C8, C15, C16	0805_C	CAP	5
100nF	Capacitor	C9, C14	0805_C	CAP	2
2.2nF	Capacitor	C10, C11, C12, C13	0805_C	CAP	4
NP	Diode	D1, D2, D3, D4	DIODO_MELF	DIODE	4
L4448	Diode	D5	DIODO_MELF	DIODE	1
STM8UB_DB1		Daughterboard Socket	STM8 UNIBOARD 3	DB_STM8_UniBoard	1
CON1	Connector	F1, F2, F3, F4	FIDUCIAL	CON1	4
JUMPER 2CH		J1	JUMPER	JUMPER2CH	1
CON2	Connector	J2, J3	CONNETTORE 2 POLI PICCOLO	CON2	2
STB270N04		JP1	D2PACK	MOS2	1
MOS POWER N		M1, M2, M3, M4	POWERFLAT5X6	MOS POWER N_1	4
MOS POWER N		M5, M6, M7, M8	D2PACK_A	MOS POWER N	4
BC847	NPN Transistor	Q1	SOT23	NPN	1
MOSFET N		Q2, Q3, Q4, Q5	DKPAK	MOSFET N	4
NP	Resistor, [NoValue]	R1, R2, R5, R6, R7, R8	0805_R	RES, RES1	8
47R	Resistor	R3, R4, R12, R13	0805_R	RES	4
10R		R11, R14, R15, R16, R17	0805_R	RES1	8
2mOhm	Resistor	R18, R28	SHUNT - duplicate	RES	2
4K7		R20	0805_R	RES2	1
100K	Resistor	R22, R26	0805_R	RES	2
0R		R23	0805_R	RES1	1
1K		R27	0805_R	RES2	1
Temperature Sensor	Connector	TP1	TPOINTSMD	CON1	1

CON1	Connector	TP2, TP3, TP4, TP5, T	TPOINT	CON1	15
SMCJ24CA		TR1	DIODO_SMC	DIODE TRANSIL	1
L99H02XP		U1	PSSO36	L99H01	1
LM135		U3	SO8	HEADER 4X2	1