



 life. augmented		PROJECT NAME:		STEVAL-D25R16B MB1749-B		POW code(for SRA Only):					Last modified date :		28 APR 2022		Template version 2019 V 1.5.1			Note * Left blank the field if the item(s) shall be assembled. Put N.A. in the field if the item(s) shall not be assembled				
		Schematic Revision:		B		BILL OF MATERIALS																
Item	Quantity	Designator	Value	Package	Description	Voltage	Ampere	Watt	Tolerance	Assembly Information *	Manufacturer	Manufacturer Part Number	RoHS Compliant -- MANDATORY -- Yes / No	Use any equivalent PN Yes / No	Distributor	Distributor Sales Code	Use this field to add information for manufacturer					
1	6	C100, C205, C207, C212, C214, C216			2.2uF_0402_XSR						MURATA	GRM155R60J2Z5ME15D										
2	1	C200			1uF_0402_XSR						MURATA	GRM155R61C105KA12D										
3	7	C201, C204, C206, C208, C211, C213, C215			10nF_0402						AVX	04023C103KAT2A										
4	1	C202			22nF_0402						AVX	0402YC223KAT2A										
5	1	C203			2.2uF_0402_NC					N.A.	MURATA	GRM155R60J2Z5ME15D NOT FITTED										
6	1	C209			10nF_NC					N.A.	AVX	04023C103KAT2A NOT FITTED										
7	1	C210			2.2uF_NC					N.A.	MURATA	GRM155R60J2Z5ME15D NOT FITTED										
8	2	C217, C218			10pF_0402						MURATA	GRM1555C1H300GA01D										
9	2	C300, C317			120pF_0603						MURATA	GRM1885C1H121GA01D										
10	2	C301, C316			10pF_0603						MULTICOMP	MC0603N100F500CT										
11	3	C302, C308, C315									multit	LVMW09V2001-059										
12	2	C303, C314			47pF_0603						MURATA	GRM1885C1H470FA01D										
13	2	C305, C313			220pF_0402						MURATA	GRM1555C1H221FA01D										
14	2	C306, C311			680p_C0G						MURATA	GRM1885C1H681GA01D										
15	2	C307, C312			82pF_0603						MURATA	GRM1885C1H820FA01D										
16	1	D300									DIODES INC	BAV70W										
17	2	J100, J102			Male Single Row Horizontal 5 pin						Samtec	TSW-105-08-G-S-NA										
18	1	J101			Male Single Row Horizontal 14 pin						Samtec	TSW-114-08-G-S-NA										
19	15	J201, J204, J205, J207, J300, J303, J304, J305, R204, R205, R206, R207, R208, R209, R210			0R_0402						Multicomp	MC06025W040210R										
20	1	J302			Male Single Row Horizontal 2 pin					N.A.	MULTI-SOURCES	HE14 2PTS MALE VERTICAL NOT FITTED										
21	2	L300, L301			MLJ1608WR2717000						TDK	MLJ1608WR2717000										
22	2	LED100, LED101									Lite-On	LTST-C190WGT										
23	4	P100, P101, P102, P103			Samtec						3M	SJS303TRANS										
24	4	P200, P201, P202, P203			U.F.L-R-SMT-1						HIROSE(HRS)	U.F.L-R-SMT-1(10)										
25	1	Q300			nCh MOS Fet - NX3008NBK						NEXPERIA	NX3008NBK										
26	1	R100			1k_0402						Panasonic	ERJ2GE1J02X										
27	1	R101			680R_0402						Yageo	RC0402JR-07680RL										
28	2	R201, R302			1k65_0402						MULTICOMP	MC06025W040211K65										
29	2	R300, R301			2R2_0503						Vishay Dale	CRCW06032R20FKEA										
30	1	R302			100R_0402						MULTI SOURCES	RESISTOR 0402 100R										
31	1	R303			47K_0402						MULTI SOURCES	RESISTOR 0402 47K										
32	1	S100									C & K COMPONENTS	PC4012SMT1R										
33	1	U200			NFC Initiator / HF Reader IC						STMicroelectronics	ST25R3916-8QW										
34	1	Y200			NDK NX2016SA 27.12MHz						MURATA	NX2016SA STD-CZ5-5 27.12MHz										

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