



PROJECT NAME: STEVAL-D25R16B MB1749-B
Schematic Revision: 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

BILL OF MATERIALS

Item	Quantity	Designator	Value	Package	Description	Voltage	Ampere	Watt	Tolerance	Assembly Information *	MANUFACTURER		RoHS Compliant -- MANDATORY -- Yes / No	Use any equivalent PN Yes / No	Not Mandatory for Supplier		MORE INFO
											Manufacturer	Manufacturer Part Number			Distributor	Distributor Sales Code	
1	6	C100, C205, C207, C212, C214, C216			2.2uF_0402_X5R						MURATA	GRM155R60J25ME15D					
2	1	C209			1uF_0402_X5R						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	GRM155R60J25ME15D NOT FITTED					
6	1	C209			10nF_NC					N.A.	AVX	04023C103KAT2A NOT FITTED					
7	1	C210			2.2uF_NC					N.A.	MURATA	GRM155R60J25ME15D NOT FITTED					
8	2	C217, C218			10uF_0402						MURATA	GRM1555C1H100GA01D					
9	2	C300, C317			10uF_0603						MURATA	GRM1885C1H121GA01D					
10	2	C301, C316			10uF_0603						MURATA	GRM1885C1H121GA01D					
11	3	C302, C308, C315			47uF_0603						MURATA	GRM1885C1H470FA01D					
12	2	C303, C314			220uF_0402						MURATA	GRM1555C1H221FA01D					
13	2	C305, C313			680pF_C0G						MURATA	GRM1885C1H681GA01D					
14	2	C306, C311			82pF_0603						MURATA	GRM1885C1H820FA01D					
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-5-NA					
18	1	J101			Male Single Row Horizontal 14 pin						Samtec	TSW-114-08-G-5-NA					
19	15	J201, J204, J205, J207, J300, J303, J304, J305, R204, R205, R206, R207, R208, R209, R210			0R_0402						Multicomp	MC00625W0402 10R					
20	1	L302			Male Single Row Horizontal 2 pin					N.A.	MULTI-SOURCES	HE14 2PTS MALE VERTICAL NOT FITTED					
21	2	L300, L301			MLJ1608WR271T000						TDK	MLJ1608WR271T000					
22	2	LED100, LED101									Lite-On	LTST-C190GKT					
23	4	P100, P101, P102, P103									SM	S15303THANS					
24	4	P200, P201, P202, P203									HIROSE(HRS)	ULFLR-SMT-1103					
25	1	Q300			nCh MOS Fet - NX3008NBK						NEXPERIA	NX3008NBK					
26	1	R100			1k_0402						Panasonic	ERJ2GE1J02X					
27	1	R101			680R_0402						Yageo	RC0402R-07680R					
28	2	R201, R302			18k5_0402						MULTICOMP	MC00625W0402 18K5					
29	2	R300, R301			2R2_0503						Vishay Dale	CRCW05032R20FKEA					
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	FCM125A17R					
33	1	U200			NFC Initiator / HF Reader IC						STMicroelectronics	ST25R3916-8QW					
34	1	Y200			NDK NX2016SA 27.12MHz						MURATA	NX2016SA-STD-CZS-5 27.12MHz					