



BOM

Line #	Designator	Part Number	Footprint	Quantity	Value
1	A1	AM1L-0505SH30-NZ	AM1L-xxxxSH30-Series	1	AM1L-0505SH30-NZ
2	C1, C3, C9, C10	GRM188R61A106KE69D	C0603_L	4	10uF
3	C2, C4, C5, C6, C7, C8, C12, C20, C21, C23, C24, C25, C27, C28, C29, C30, C31, C32, C33, C34	GCM155R71C104KA55D	C0402_L	20	0.1uF
4	C11	GRM155R61C105KA12D	C0402_L	1	1uF
5	C13, C14, C19	GRM155R60J475ME87D	C0402_L	3	4.7uF
6	C15, C17	GCM155R71E103KA37D	C0402_L	2	0.01uF
7	C16, C18, C35	GRM155D71C225ME11D	C0402_L	3	2.2uF
8	C22, C26	GRM1555C1H120JA01D	C0402_L	2	12pF
9	DA1	TPS73701DRBR	VSON-8_065P300X300X100_N	1	TPS73701DRBR
10	DD1	ADUM3160BRWZ	SOIC-16_127P1030X750X265_N	1	ADUM3160BRWZ
11	DD2	STM32F205RET6	LQFP-64_050P1000X1000X160_N	1	STM32F205RET6
12	DD3, DD4, DD5	SN74LVC2T45DCUR	VSSOP-8_050P200X230X090_N	3	SN74LVC2T45DCUR
13	DD6, DD7, DD8, DD9	74LVC1T45FZ4-7	X2-DFN-6_050P140X100X040_N	4	74LVC1T45FZ4-7
14	FV1	USBLC6-2P6	SOT-666_050P160X120X060_N	1	USBLC6-2P6
15	HL1	KPHHS-1005SURCK	LD0402_L	1	KPHHS-1005SURCK
16	HL2	KPHHS-1005QBC-D-V	LD0402_L	1	KPHHS-1005QBC-D-V
17	L1, L2	BLM15PD121SN1D	LD0402_L	2	BLM15PD121SN1D
18	R1, R2	RC0402FR-075K1L	R0402_L	2	5.1k
19	R3	RC0402JR-07100KL	R0402_L	1	100k
20	R4, R5, R10, R11	RC0402JR-0720RL	R0402_L	4	20
21	R6, R9, R18, R19, R28	RC0402JR-070RL	R0402_L	5	0
22	R12	RC0402JR-0710KL	R0402_L	1	10k
23	R13	RC0402FR-0722K1L	R0402_L	1	22.1k
24	R14	RC0402FR-0712KL	R0402_L	1	12k
25	R15, R16	RC0402JR-071KL	R0402_L	2	1k
26	R22, R23, R24, R25	RC0402FR-0710KL	R0402_L	4	10k
27	R26	RC0402JR-074K7L	R0402_L	1	4.7k
28	R27	RC0402JR-0751RL	R0402_L	1	51
29	R29, R30, R31, R32, R33, R34, R35, R38, R39, R43	RC0402JR-07470RL	R0402_L	10	470
30	R36, R37, R40, R41, R42	RC0402JR-07100RL	R0402_L	5	100
31	R44, R45, R46, R47, R48, R49	RC0402JR-07200KL	R0402_L	6	200k
32	VT1	NX3008NBKMB	SOT-883B_035P060X100X040_N	1	NX3008NBKMB
33	XP2	IDC-10MR	IDC-10MR	1	IDC-10MR
34	XS1	U262-161N-4BVC11	U262-161N-4BVC11	1	U262-161N-4BVC11
35	XS2	XF2M-1015-1A	XF2M-1015-1A	1	XF2M-1015-1A
36	XS3	XF2M-0615-1A	XF2M-0615-1A	1	XF2M-0615-1A
37	ZQ1	AB-12.000MALE-T	SMD 5x3.2mm	1	AB-12.000MALE-T

Project: X-Link-v9.x Isolated
Revision: 0
Week: 2025