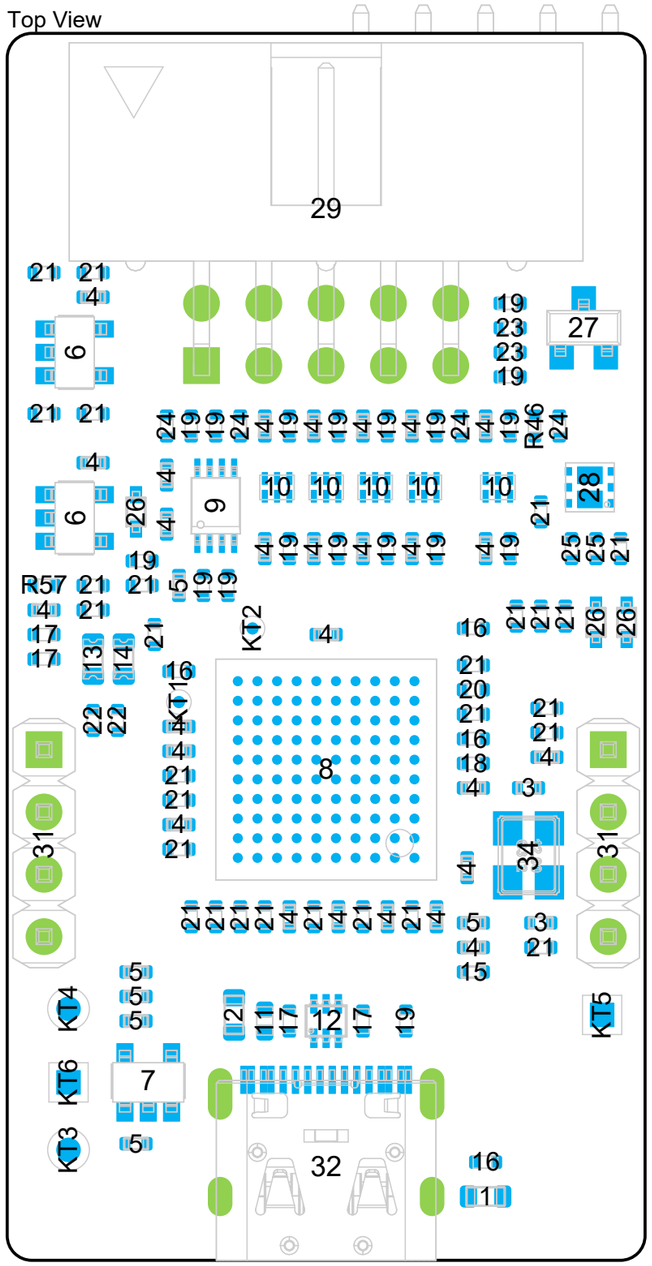
Top View



BOM

Line #	Designator	Part Number	Schematic Value	Footprint	Functional Analog	Quantity
1	C1	GRM188R72A104KA35D	0.1uF, 100V	C0603_160X080H080_H	GRM188R72A104KA35J	1
2	C2	GRM188R61A106KE69D	10uF, 10V	C0603_160X080H080_H	GRM188R61A106KE69J	1
3	C3, C4	GRM1555C1H120JA01D	12pF, 50V	C0402_100X050H050_H	GJM1555C1H120GB01D, GRM1555C1H120JA01J, GRM1555C1H120JA01W	2
4	C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C23, C24, C25, C26, C27, C28, C29, C30, C31, C34	GCM155R71C104KA55D	0.1uF, 16V	C0402_100X050H050_H	GRM155R71C104KA88D, GCM155R71C104KA55J, GCM155R71C104KA55W	27
5	C22, C32, C33, C35, C36, C37	GRM155R61A475MEAAD	4.7uF, 10V	C0402_100X050H050_H	GRM155R61A475MEAAJ	6
6	DA1, DA2	LMV321IDBVR	LMV321IDBVR	SOT-23-5_095P290X160X145_N		2
7	DA3	TLV75533PDBVR	TLV75533PDBVR	SOT-23-5_095P290X160X145_N	TLV75533PDBVT	1
8	DD1	LPC4322JET100	LPC4322JET100	TFBGA-100_080P900X900X120_N		1
9	DD2	SN74LVC2T45DCUR	SN74LVC2T45DCUR	VSSOP-8_050P200X230X090_N	74LVCH2T45DC,125	1
10	DD3, DD4, DD5, DD6, DD7	74LVC1T45FZ4-7	74LVC1T45FZ4-7	X2-DFN-6_050P140X100X040_N		5
11	FP1	0402L035SLKR	700mA, 6V	F0402_115X065H060_H		1
12	FV1	USBLC6-2P6	USBLC6-2P6	SOT-666_050P160X120X060_N	TPUSBLC6-2P6	1
13	HL1	NCD0603R1	NCD0603R1	LD0603_L		1
14	HL2	NCD0603G1	NCD0603G1	LD0603_L		1
15	L1	BLM15HD102SN1D	1000ohm, 250mA	L0402_100X050H050_H	BLM15HD102SN1B	1
16	R1, R17, R18, R19	0402WGF1003TCE	100k ±1%	R0402_100X050H035_H		4
17	R2, R3, R47, R50	0402WGF5101TCE	5.1k ±1%	R0402_100X050H035_H		4
18	R4	0402WGF0000TCE	0 ±1%	R0402_100X050H035_H		1
19	R5, R24, R25, R26, R27, R28, R29, R30, R31, R34, R35, R36, R37, R38, R39, R40, R41, R68	RC0402FR-07100RL	100 ±1%	R0402_100X050H035_H		18
20	R6	RC0402FR-0712K1L	12.1k ±1%	R0402_100X050H035_H		1
21	R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R21, R23, R51, R52, R53, R54, R55, R56, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67	0402WGF1002TCE	10k ±1%	R0402_100X050H035_H		28
22	R20, R22	0402WGF1001TCE	1k ±1%	R0402_100X050H035_H		2
23	R32, R33	0402WGF4702TCE	47k ±1%	R0402_100X050H035_H		2
24	R42, R43, R44, R45	0402WGF2003TCE	200k ±1%	R0402_100X050H035_H		4
25	R48, R49	RC0402FR-071RL	1 ±1%	R0402_100X050H035_H		2
26	VD1, VD2, VD3	1N4148WT-7	1N4148WT-7	SOD-523	1N4148X-TP	3
27	VT1	BSS138	BSS138	SOT-23_190P290X160X145_N		1
28	VT2	PMDPB55XP,115	PMDPB55XP,115	SOT-1118-2M_065P200X200X065_N		1
29	XP1	IDC-10MR	IDC-10MR	IDC-10MR	DS1013-10RSIB, C3510-10SPGB00	1
30	XP2	PLS-5R	PLS-5R	PLS-5RR		1
31	XP3, XP4	PLS-4	PLS-4	PLS-4		2
32	XS1	U262-161N-4BVC11	U262-161N-4BVC11	U262-161N-4BVC11		1
33	XS2	XF2M-1015-1A	XF2M-1015-1A	XF2M-1015-1A	AFC24-S10FIA-00	1
34	ZQ1	X322512MOB4SI	12МГц ±10ppm	SMD 3.2x2.5mm		1

Project: X-Link v11
Revision: 1.1
Week: 2347