

BOM STEVAL-ISA024

Reference	Value	Manufacturer	Package	Supplier
R1	1k Ω	Neohm	SMD 0603	IFARCAD
R2	1k Ω	Neohm	SMD 0603	IFARCAD
R3	4K7			
R4	2k7	Neohm	SMD 0603	IFARCAD
R5	0 Ω	Neohm	SMD 0603	IFARCAD
R6	N.C.	Neohm	SMD 0603	IFARCAD
R7	2K	Neohm	SMD 0603	IFARCAD
R8	10 Ω	Neohm	SMD 0603	IFARCAD
R9	1K5	Neohm	SMD 0603	IFARCAD
R10	2.2 Ω	Neohm	SMD 0603	IFARCAD
R11	2.2 Ω	Neohm	SMD 0603	IFARCAD
R12	N.C.	Neohm	SMD 0603	IFARCAD
C1	4.7nF	Kemet	SMD 0603	IFARCAD
C2	47nF	Kemet	SMD 0603	IFARCAD
C3	1nF	Kemet	SMD 0603	IFARCAD
C4	100nF	Kemet	SMD 0603	IFARCAD
C5	100nF	Kemet	SMD 0603	IFARCAD
C6	N.C.	/	/	/
C7	100nF	Kemet	SMD 0603	IFARCAD
C8	4.7 μ F 20V	AVX	SMA6032	IFARCAD
C9	1nF	Kemet	SMD 0603	IFARCAD
C10	1 μ F	Kemet	SMD 0603	IFARCAD
C11	220nF	Kemet	SMD 0603	IFARCAD
C12-13	3X 15 μ F	/	/	ST (TDK)
C15	N.C.	/	/	/
C16-19	2X 330 μ F	/	/	ST (poscap)
L1	1.8 μ H	Panasonic	SMD	ST
D1	STPS1L30M	ST	DO216AA	ST
D3	N.C.	/	/	/
Q1-Q2	STS12NH3LL	ST	SO8	ST
Q4-Q5	STS25NH3LL	ST	SO8	ST
U1	L6725	ST	SO16N	ST

Other inductor manufacturer

Manufacturer	Series	Inductor Value (μ H)	Saturation Current (A)
WURTH ELEKTRONIC	744318180	1.8	20
SUMIDA	CDEP134-2R7MC-H	2.7	15
EPCOS	HPL_13 T640	1.4	22
TDK	SPM12550T-1R0M220	1	22
TOKO	FDA1254	2.2	14
COILTRONICS	HCF1305-1R0	1.15	22
	HC5-1R0	1.3	27