

STEVAL-ILL055V1

v1.0

REF	VALUE	PACKAGE	FARNELL	VENDOR	part number
BD1	600V – 0.8A	Mini DIP	1773581	DIODES INC.	HD06-T
C1	68nF – X2	DIP 6x12x13	1781890	Epcos	B32921C3683M
C2	100nF – X2	DIP 6x12x13	2112770	Epcos	B32921C3104M
C3	1nF – 630V- X7R	SMD 1206	1844642	TDK-EPCOS	C3216X7R2J102K115AA
C4	10uF -25V - X5R	SMD 0805	1867958	AVX	08053D106KAT2A
C5	1uF - 10V- X7R	SMD 0603	1327684	AVX	0603ZD105KAT2A
C6	470nF	SMD 0603	1856365	Multicomp	MCCA001174
C7	1nF	SMD 0603	1759088	Multicomp	MCCA000224
C8	100nF-25V	SMD 0603	1759122	Multicomp	MCCA000255
C9	47nF – 50V - X7R	SMD 0603	1759116	Multicomp	MCCA000249
C10	2.2nF – 250V	SMD 2220	9527630	Murata	GA355DR7GC222KY02L
C12	470uF - 25V	SMD FK-G	1698658	UNITED CHEMI-CON	EMVY250ADA471MJA0G
C13	10uF -50V – X5R	SMD 1206	1845762	Epcos	C3216X5R1H106K
C14	10uF -50V – X5R	SMD 1206	1845762	Epcos	C3216X5R1H106K
C15	22uF - 25V - X5R	SMD 0805	1907510	Murata	GRM21BR61E226ME44L
C21	68nF – 10V	SMD 0603	1833872	AVX	06035C683KAT2A
D1	0.5A- 600V	SUB SMA	1559145	TAIWAN SEM.	RSFJL
D2	1N4148	SOD-323	1617737	Vishay	1N4148WS-V-GS08
D3	3A – 150V	SMB FLAT		ST	STPS3150UF
D4	1N4148	SOD-323	1617737	Vishay	1N4148WS-V-GS08
L1	3.3mH	SMD	2287905	Coilcraft	LPS6235-335MLB
R1	120k	SMD 1206	1750865	Panasonic	ERJP08F1203V
R2	3R6 – 1%	SMD 0805	1894378	Panasonic	ERJP06J3R6V
R3	1R5 – 1%	SMD 1206	1750799	Panasonic	ERJP08J1R5V
R5	5.1k – 1%	SMD 0805	9333320	Multicomp	MC 0.1W 0805 1% 5K1
R7	12k	SMD 0603	9330518	Multicomp	MC 0.063W 0603 1% 12K
R8	47k – 1%	SMD 0805	9333274	Multicomp	MC 0.1W 0805 1% 47K
R9	10R	SMD 0805	9332421	Multicomp	MC 0.1W 0805 1% 10R
R12	150k	SMD 0603	9330623	Multicomp	MC 0.063W 0603 1% 150K
R15	10 Ohm – 1W	SMD 2515	1107497	Vishay	WSC251510R00FEA
R17	330k – 1%	SMD1206	1750870	Panasonic	ERJP08F3303V
R18	330k – 1%	SMD1206	1750870	Panasonic	ERJP08F3303V
R19	3k – 1%	SMD 0603	2059357	Panasonic	ERJ3EKF3001V
T1	EP13	SMD 10 pin		Coilcraft	PA6284-AL
U1	HVLED815PF	SO-16		ST	HVLED815PF

Quantity	Description	GES - http://www.ges.cz/en/	Part number
2x	Terminal - 5/5.08mm - Blue	GES06614439	CMM 5/2BU
4x	Screw - M3 - 6mm	GES06814914	SKL M3X6
4x	Spacer - plastic - M3 - 8mm	GES06813942	AB 3X8IHK