

Comment	Designator	Quantity	Manufacturer	Manufacturer Part Number	Description / Value	Package [Metric]	Type	Price [€] @ 100	Digikey part #
Ou1	C1, C2, C3, C4, C5, C6, C9, C16, C17,	13	Samsung Electro-Mechanics	CL10B104K8NNNC	0.1µF, 0.1µF 100V	1608	SMD	0.0254	1276-6807-1-ND
10u	C7, C8, C23, C24,	5	Würth Elektronik	860080772001	10µF	Radial	PTH	0.02825	732-9121-1-ND
22n	C10	1	Samsung Electro-Mechanics	CL10B223KB8NNNC	22nF	1608	SMD	0.0132	1276-1104-1-ND
18pF	C11, C12	2	Walsin Technology Corporation	0603N180J500CT	18pF	1608	SMD	0.0099	1292-1494-1-ND
6.8n	C13, C14	2	Samsung Electro-Mechanics	CL10B682JB8NNNC	6.8nF	1608	SMD	0.01130	1276-2099-1-ND
4u7	C15, C19	2	Samsung Electro-Mechanics	CL10A475KP8NNNC	4.7µF	1608	SMD	0.0176	1276-1044-1-ND
10n	C18, C20	2	Samsung Electro-Mechanics	CL10B103KB8NNNC	10nF	1608	SMD	0.01	1276-1009-1-ND
1u	C26	1	Samsung Electro-Mechanics	CL10A105KO8NNNC	1µF	1608	SMD	0.0133	1276-1034-1-ND
SMD110PL-TP	D1, D2, D3, D7	4	Micro Commercial Co	SMD110PL-TP		SOD-123FL-2	SMD	0.1	SMD110PL-TPMSCT-ND
MB10S-13	D4, D6	2	Diodes Inc.	MB10S-13		TO-269AA	SMD	0.1714	MB10S-13DICT-ND
SMAJ58A	D5	1	Littlefuse inc.	SMAJ58A		SMA	SMD	0.163	SMAJ58ALFCT-ND
C1Q 3	F1, F2, F3	3	Bel Fuse Inc.	C1Q 3	3A	3216	SMD	0.2318	507-1082-1-ND
120 Ohms @ 100 MHz	FB1	1	Fair-Rite Products Corp.	2508051217Y6	120 Ohms @ 100 MHz	2012	SMD	0.0349	1934-1472-1-ND
691137710003	J1, J2, J3	3	Würth Elektronik	691137710003		4POS	PTH	0.4254	732-10956-ND
ARJM11C7-114	J4	1	Abracon LLC	ARJM11C7-114-BA-EW2	RJ45	None	PTH	2.5085	535-14168-ND
3220-10-0300-00-TR	J8	1	CNC Tech	3220-10-0300-00-TR		None	SMD	0.5538	1175-2643-1-ND
SR5-5V-200-1C	K1, K2, K3	3	CUI Devices	SR5-5V-200-1C		None	PTH	0.883	2223-SR5-5V-200-1C-ND
ASPI-6045S-270M-T	L1	1	Abracon	ASPI-6045S-270M-T		None	SMD	0.2405	ASPI-6045S-270M-TCT-ND
B4B-PH-K-S(LF)(SN)	P1, P2, P3	3	JST	B4B-PH-K-S(LF)(SN)		None	PTH	0.1545	B4B-PH-K(LF)(SN)-ND
MMBT3904-TP	Q1, Q2, Q3	3	Micro Commercial	MMBT3904-TP		SOT-23	SMD	0.0444	MMBT3904TPMSCT-ND
3k3	R1, R2, R3	3	YAGEO	RC0603FR-133K3L	3.3kΩ	1608	SMD	0.0085	13-RC0603FR-133K3LCT-ND
49.9	R4, R5, R17, R18	4	YAGEO	RC0603FR-0749R9L	49.9Ω	1608	SMD	0.0084	311-49.9HRCT-ND
10	R6	1	Stackpole Electronics Inc	RMCF0603FT10R0	10Ω	1608	SMD	0.0057	RMCF0603FT10R0CT-ND
10k	R7, R8, R9, R20, R21, R22, R31, R35, R36,	12	Stackpole Electronics Inc	RMCF0603JT10K0	10kΩ	1608	SMD	0.0051	RMCF0603JT10K0CT-ND
1M	R10	1	Walsin Technology Corporation	WR06X1004FTL	1MΩ	1608	SMD	0.0041	1292-WR06X1004FTLCT-ND
OR	R11, R12, R13, R14, R23, R24, R25	7	Stackpole Electronics Inc	RMCF0603ZTOR00	0Ω	1608	SMD	0.0049	RMCF0603ZTOR00CT-ND
330	R15, R16, R32, R33,	5	YAGEO	RC0603JR-07330RL	330Ω	1608	SMD	0.007	311-330GRCT-ND
12k4 1%	R19	1	YAGEO	RC0603FR-0712K4L	12.4kΩ	1608	SMD	0.0084	311-12.4KHRCT-ND
24k9	R26	1	YAGEO	RC0603FR-0724K9L	24.9kΩ	1608	SMD	0.0084	311-24.9KHRCT-ND
178k	R27, R28	2	YAGEO	RC0603FR-07178KL	178kΩ	1608	SMD	0.0084	311-178KHRCT-ND
54k9	R29	1	YAGEO	RC0603FR-0754K9L	53.9kΩ	1608	SMD	0.0093	311-54.9KHRCT-ND
953	R30	1	YAGEO	RC0603FR-07953RL	953Ω 1%	1608	SMD	0.0086	311-953HRCT-ND
W5500	U1	1	WIZnet	W5500		48-LQFP	SMD	2.5687	1278-W5500CT-ND
STM32G030K8T6	U2	1	STMicroelectronics	STM32G030K8T6		32-LQFP	SMD	1.40125	497-19770-ND
24AA02E48T-I/SN	U3	1	Microchip Technology	24AA02E48T-I/SN		8-SOIC	SMD	0.2776	24AA02E48T-I/SNCT-ND
B_M-2WR3	U4	1	Mornsun America, LLC	B0505M-2WR3			PTH	2.2637	2725-B0505M-2WR3-ND
LV2862XLVDDCR	U5	1	Texas Instruments	LV2862XLVDDCT		SOT-23	SMD	0.821	
NCP1090DRG	U6	1	onsemi	NCP1090DRG		SO-8	SMD	1.0682	NCP1090DRGOSCT-ND
AP2112K-3.3TRG1	U7	1	Diodes Inc.	AP2112K-3.3TRG1		SOT-25	SMD	0.1756	AP2112K-3.3TRG1DICT-ND
ECS-250-18-5PX-F-TR	Y1	1	ECS Inc.	ECS-250-18-5PX-F-TR		HC-49/US	SMD	0.1422	XC1305CT-ND