

Tablica 1: Numery części i wartości

Nr części	Wartość	Device
C7	0,47uF	A1206
C8-C10	15uF	CPOL-EUA
C11	0,01uF	C-EU050-045X075
C12-C13	180uF	CPOL-EU153CLV-06
C14-C19, C35, C39, C40, C42,	100n	C-EUC0504
C20, C21, C26, C29, C30, C31,	68uF/50V	C-EUC0603
C36-C38	10 uF X7R	C-EUC0603
C41	10uF/50V	CPOL-EU153CLV-06
D1		SCHOTTKY-DIODESM
D2, D3, D4, D5, D6, D8, D9, D22,	BAV70.215	BAS40
D23, D24, D25, D26, D27,		
D7	1N4148	DIODE-SMB
IC1	MCP16301/H	MCP16301/H
JP1	1x5	PINHD-1X5
L1, L3, L4, L12, L13, L14,	100uH	L-EUL3216C
L2	22uH	L-EUL3216C
L5	WLPN303015	M150PB MS50
LED1-LED48	X42180	X42180
PH1	PGM5537	VT80N1
R14, R15,	2k	R-EU_M3516
R16	22m	
R24, R25, R35,	10k	R-EU_R0603
R25	1k	R-EU_R0603
R7, R17, R18, R20, R22, R23,R27-R32	33 Ohm	R-EU_M2010
R34	4k7	R-EU_R0603
R36	31k2	R-EU_R0603
R21, R37, R39, R53, R55, R57,	3k3	R-EU_R0603
R19, R33, R38, R52, R54, R56,	0,56R 1%	R-EU_R0603
U5		STM32F042FXPX
U7		SN65HVD230/1
U10		LTC4151IMSTRPBF
U11		LM2678T-12
U12-U17		WS2812"
U4, U18, U19, U26, U27, U28,		AP8801
X1		AK500/4

Device	URL
A1206	<a href="https://www.tme.eu/pl/details/t491a74k025at/kondensatory-tantalowe-smd/kemet/">https://www.tme.eu/pl/details/t491a74k025at/kondensatory-tantalowe-smd/kemet/</a>
CPOL-EUA	<a href="https://www.tme.eu/pl/details/taja156k010r/kondensatory-tantalowe-smd/avx/taja156k010rnj/">https://www.tme.eu/pl/details/taja156k010r/kondensatory-tantalowe-smd/avx/taja156k010rnj/</a>
C-EU050-045X075	<a href="https://www.tme.eu/pl/details/04023c103kat2a/kondensatory-mlcc-smd-0402/avx/">https://www.tme.eu/pl/details/04023c103kat2a/kondensatory-mlcc-smd-0402/avx/</a>
CPOL-EU153CLV-06	<a href="https://www.tme.eu/pl/details/ulr180_16/kondensatory-polimerowe/x-con/ulr187m1cflarrx0cr/">https://www.tme.eu/pl/details/ulr180_16/kondensatory-polimerowe/x-con/ulr187m1cflarrx0cr/</a>
C-EUC0504	<a href="https://www.tme.eu/pl/details/06033c104k4t2a/kondensatory-mlcc-smd-0603/avx/">https://www.tme.eu/pl/details/06033c104k4t2a/kondensatory-mlcc-smd-0603/avx/</a>
C-EUC0603	<a href="https://www.tme.eu/pl/details/uk11h680mpd/kondensatory-elektrolityczne-tht-85c/nichicon/">https://www.tme.eu/pl/details/uk11h680mpd/kondensatory-elektrolityczne-tht-85c/nichicon/</a>
C-EUC0603	<a href="https://www.tme.eu/pl/details/t491c106k016at/kondensatory-tantalowe-smd/kemet/">https://www.tme.eu/pl/details/t491c106k016at/kondensatory-tantalowe-smd/kemet/</a>
CPOL-EU153CLV-06	<a href="https://www.tme.eu/pl/details/upw1h100mdd6/kondensatory-elektro-tht-niskoimpedan/nichicon/">https://www.tme.eu/pl/details/upw1h100mdd6/kondensatory-elektro-tht-niskoimpedan/nichicon/</a>
SCHOTTKY-DIODESM	<a href="https://www.tme.eu/pl/details/1n4148-D5">https://www.tme.eu/pl/details/1n4148-D5</a>
BAS40	<a href="https://www.tme.eu/pl/details/pm2b-1lwe/diody-led-mocy-biale-emiter/prolight-opto/">https://www.tme.eu/pl/details/pm2b-1lwe/diody-led-mocy-biale-emiter/prolight-opto/</a>
DIODE-SMB	<a href="https://www.tme.eu/pl/details/pm2b-1hre/diody-led-mocy-kolorowe-emiter/prolight-opto/">https://www.tme.eu/pl/details/pm2b-1hre/diody-led-mocy-kolorowe-emiter/prolight-opto/</a>
MCP16301/H	<a href="https://www.tme.eu/pl/details/ss15-dc/diody-schottky-smd/dc-components/ss15/">https://www.tme.eu/pl/details/ss15-dc/diody-schottky-smd/dc-components/ss15/</a>
PIN4D-1X5	<a href="https://www.tme.eu/pl/details/mcp16301ht-e_ch/regulatory-napiecia-uklady-dcdc/microchip-technology/">https://www.tme.eu/pl/details/mcp16301ht-e_ch/regulatory-napiecia-uklady-dcdc/microchip-technology/</a>
L-EUL3216C	<a href="https://www.tme.eu/pl/details/zi201-05g/listwy-i-gniazda-kolkowe/connfly/ds1021-1_5sfl-1/">https://www.tme.eu/pl/details/zi201-05g/listwy-i-gniazda-kolkowe/connfly/ds1021-1_5sfl-1/</a>
L-EUL3216C	<a href="https://www.tme.eu/pl/details/wlpn303015m101pb/dlawiki-smd-mocy/walsin/">https://www.tme.eu/pl/details/wlpn303015m101pb/dlawiki-smd-mocy/walsin/</a>
M150PB MS50	<a href="https://www.tme.eu/pl/details/plr09hm2003r0p1b/dlawiki-pierscieniowe/murata/">https://www.tme.eu/pl/details/plr09hm2003r0p1b/dlawiki-pierscieniowe/murata/</a>
X42180	<a href="https://www.tme.eu/pl/details/wlpn303015m150pb/dlawiki-smd-mocy/walsin/">https://www.tme.eu/pl/details/wlpn303015m150pb/dlawiki-smd-mocy/walsin/</a>
VT80N1	<a href="https://www.tme.eu/pl/details/pm2b-1lwe/diody-led-mocy-kolorowe-emiter/prolight-opto/">https://www.tme.eu/pl/details/pm2b-1lwe/diody-led-mocy-kolorowe-emiter/prolight-opto/</a>
R-EU_M3516	<a href="https://www.tme.eu/pl/details/pm2b-1lwe/diody-led-mocy-biale-emiter/prolight-opto/">https://www.tme.eu/pl/details/pm2b-1lwe/diody-led-mocy-biale-emiter/prolight-opto/</a>
R-EU_R0603	<a href="https://www.tme.eu/pl/details/pgm5537/fotorezystory/token/">https://www.tme.eu/pl/details/pgm5537/fotorezystory/token/</a>
R-EU_R0603	<a href="https://www.tme.eu/pl/details/hp03-2k1%25/rezystory-smd-0603/royal-ohm/hp03w5f2001t5e/">https://www.tme.eu/pl/details/hp03-2k1%25/rezystory-smd-0603/royal-ohm/hp03w5f2001t5e/</a>
R-EU_M2010	<a href="https://www.tme.eu/pl/details/cs1206n4-0r022-1%25/rezystory-smd-1206/royal-ohm/cs06w4f220mt2e-400ppm/">https://www.tme.eu/pl/details/cs1206n4-0r022-1%25/rezystory-smd-1206/royal-ohm/cs06w4f220mt2e-400ppm/</a>
R-EU_R0603	<a href="https://www.tme.eu/pl/details/hp03-10k1%25/rezystory-smd-0603/royal-ohm/hp03w5f1002t5e/">https://www.tme.eu/pl/details/hp03-10k1%25/rezystory-smd-0603/royal-ohm/hp03w5f1002t5e/</a>
R-EU_R0603	<a href="https://www.tme.eu/pl/details/hp03-1k1%25/rezystory-smd-0603/royal-ohm/hp03w5f1001t5e/">https://www.tme.eu/pl/details/hp03-1k1%25/rezystory-smd-0603/royal-ohm/hp03w5f1001t5e/</a>
R-EU_R0603	<a href="https://www.tme.eu/pl/details/smd2010-33r-1%25/rezystory-smd-2010/royal-ohm/2010w2f330jt4e/">https://www.tme.eu/pl/details/smd2010-33r-1%25/rezystory-smd-2010/royal-ohm/2010w2f330jt4e/</a>
R-EU_R0603	<a href="https://www.tme.eu/pl/details/hp03-4k71%25/rezystory-smd-0603/royal-ohm/hp03w5f4701t5e/">https://www.tme.eu/pl/details/hp03-4k71%25/rezystory-smd-0603/royal-ohm/hp03w5f4701t5e/</a>
R-EU_R0603	<a href="https://www.tme.eu/pl/details/rc0603fr-0730k9l/rezystory-smd-0603/yageo/">https://www.tme.eu/pl/details/rc0603fr-0730k9l/rezystory-smd-0603/yageo/</a>
R-EU_R0603	<a href="https://www.tme.eu/pl/details/smd0603-3k3/rezystory-smd-0603/royal-ohm/0603saj0332t5e/">https://www.tme.eu/pl/details/smd0603-3k3/rezystory-smd-0603/royal-ohm/0603saj0332t5e/</a>
R-EU_R0603	<a href="https://www.tme.eu/pl/details/cs0603-0r56-1%25-hp/rezystory-smd-0603/viking/cs03ftfr560/">https://www.tme.eu/pl/details/cs0603-0r56-1%25-hp/rezystory-smd-0603/viking/cs03ftfr560/</a>
STM32F042FXPX	<a href="https://www.tme.eu/pl/details/stm32f042f6p6/mikrokontrolery-st/st-microelectronics/">https://www.tme.eu/pl/details/stm32f042f6p6/mikrokontrolery-st/st-microelectronics/</a>
SN65HVD230/1	<a href="https://www.tme.eu/pl/details/sn65hvd230d/uklady-scalone-interfejs-can/texas-instruments/">https://www.tme.eu/pl/details/sn65hvd230d/uklady-scalone-interfejs-can/texas-instruments/</a>
LTC415IIMSTRPBF	<a href="http://www.analog.com/media/en/technical-documentation/data-sheets/4151ff.pdf">http://www.analog.com/media/en/technical-documentation/data-sheets/4151ff.pdf</a>
LM2678T-12	<a href="http://www.ti.com/lit/ds/symmlink/lm2678.pdf">http://www.ti.com/lit/ds/symmlink/lm2678.pdf</a>
WS2812"	<a href="https://cdn-shop.adafruit.com/datasheets/WS2811.pdf">https://cdn-shop.adafruit.com/datasheets/WS2811.pdf</a>
AP8801	<a href="http://www.farnell.com/datasheets/2100281.pdf?_ga=2.215376916.2088925963.1536836747-490409319.1536836747">http://www.farnell.com/datasheets/2100281.pdf?_ga=2.215376916.2088925963.1536836747-490409319.1536836747</a>
AK500/4	<a href="https://www.tme.eu/pl/details/dg300-5.0-04p13/listwy-zaciskowe-do-druku/degson-electronics/dg300-50-04p-13-00ah/">https://www.tme.eu/pl/details/dg300-5.0-04p13/listwy-zaciskowe-do-druku/degson-electronics/dg300-50-04p-13-00ah/</a>