

Designator	Manufacturer and Part name	Quantity	Comment (Value)
CHRG201 FLT201 SW_M201 5V_S201 5V_S202	KP-2012YC KINGBRIGHT ELECTRONIC	5	LED
BATT201	15EDGVC-3.81-02P-14-00A DEGSON ELECTRONICS	1	BATTERY
BT101		1	Battery_Cell
C101 C102 C105 C216	UPM1V221MPD1TD Nichicon	4	220u
C103 C104	C0603C102J5RACTU KEMET	2	1n
C106 C240	293D476X9010B2TE3 VISHAY	2	47u
C107 C113 C114 C115 C116 C119 C126 C127 C128 C129 C130 C210 C215 C218 C231 C234 C239 C242 C244 C245 C301 C401 C402 C501	C0805C104J5RACTU KEMET	24	100n
C108 C117 C118 C223	GRM21BR71C475KA73L MURATA	4	4u7
C109 C110	C0805C200J5GACTU KEMET	2	20p
C111 C112	C0805C689D5GACTU KEMET	2	6p8
C120	293D476X9010B2TE3 VISHAY	1	47uF
C121 C122 C123 C124	C0603C680J5GACTU KEMET	4	22p
C125 C406 C505		3	C
C201	EEUFM1V471 PANASONIC	1	470u
C202 C204 C217 C224 C225 C226 C232 C233	T491B106K025AT KEMET	8	10u
C203 C206 C207 C208 C238	KEMET T491D476M025AT	5	47u
C205 C212 C219 C220 C221 C230 C236 C237	C0805C334K5RACTU KEMET	8	330n
C209	T491X107M025AT KEMET	1	100u
C211	293D226X9025C2TE3	1	22uF
C213	T491D336K025AT KEMET	1	22u
C214		1	2u2
C222 C235	C0805C105K5RACTU KEMET	2	1u
C227	KYOCERA AVX F931A476KAA	1	47uF
C228	EEUFR1E101 PANASONIC	1	100uF
C229	T491C686K010AT KEMET	1	68u
C243	UPW1E682MHD NICHICON	1	6800u
C246	UPW1J471MHD3 NICHICON	1	470u
C302 C303 C304	C0805C220J1GACTU KEMET	3	22p
C403	KEMET T494A106M020AT	1	10uF
C404 C405	C0805C472J5RACTU KEMET	2	4n7
C502 C503 C504 C506 C507 C508 C509 C510 C511 C512 C513	C0805C102K1RACTU KEMET	11	1n
D101 D103 D105 D107 D108	UCLAMP3301D.TCT SEMTECH	5	3301D.TCT
D102 D104	KP-2012MGC KINGBRIGHT ELECTRONIC	2	LED
D106 D303	ESDA6V1-5SC6 STMicroelectronics	2	ESDA6V1-5SC6
D109 D110 D209 D401 D402	SMBJ6.0A-13-F DIODES INCORPORATED	5	SMBJ6.0A
D201	MBRS340 VISHAY	1	MBRS340
D202 D206	1N4148W DIOTEC SEMICONDUCTOR	2	1N4148W
D203	B340B-13-F DIODES INCORPORATED	1	B340B
D204 D205	STPS0530Z ST	2	STPS0530Z
D207	BZX84C6V2LT1G ONSEMI	1	BZX84C6V2L
D208 D210	MBRS340 VISHAY	2	MBRS340
D211	B3100BE-13 DIODES INCORPORATED	1	B3100BE-13
D301	1N5711W-7-F DIODES INCORPORATED	1	1N5711
D302	KP-2012YC KINGBRIGHT ELECTRONIC	1	LED
F101 F401	0ZCH0005FF2E BEL FUSE	2	0ZCH0005FF2E
FL101 FL102 FL401 FL402 FL403	NFE31PT222Z1E9	5	NFE31PT222Z1E9
FL201 FL202 FL203 FL204 FL205	NFE31PT222Z1E9L	5	NFE31PT222Z1E9L
H101		1	MountingHole
H201		1	MountingHole_Pad
H202 H203		2	MountingHole
H205 H206 H207 H208		4	MountingHole_Pad
J101	15EDGVC-3.5-03P-14-00A DEGSON ELECTRONICS	1	1WIRE

bom_parameteo_hwrev_f

J102		1	Conn_01x03_Male	
J103		1	Conn_01x02_Male	
J104		1	Conn_01x07_Male	
J105		1	Micro_SD_Card	
J106	KAB-07101	1	RS485	
J107	5556416-1 TE Connectivity	1	5556416-1 TE Connectivity	
J201	15EDGVC-3.5-03P-14-00A DEGSON ELECTRONICS	1	Screw_Terminal_01x03	
J301		1	DB9_Female	
J302		1	Conn_01x07_Female	
J303	RF2-19A-T-00-50-G ADAM TECH	1	Conn_Coaxial	
J304		1	Conn_Coaxial	
J401	15EDGVC-3.5-04P-14-00A DEGSON ELECTRONICS	1	ANEMOMETER	
J501		1	Conn_01x03_Male	
J502	15EDGVC-3.81-04P-14-00A(H) DEGSON ELECTRONI	1	PT100	
L201 L208	TDK NLCV32T-1R0M-EF	2	1u	
L202 L209	HPI0630-220 FERROCORE	2	22u	
L203 L205 L206	NLCV32T-220K-EF TDK	3	22u	
L204	DE1207-47 FERROCORE	1	47u	
L207	NLV32T-R10J-EF TDK	1	100n	
L210	DE1209-100 FERROCORE	1	100u	
L501 L502 L503 L504 L505 L506 L507 L508	LQM21PN4R7MGRD MURATA	8	4u7	
PV201	XY2500V-B(5.0)-2P XINYA	1	PV	
Q101	FDS8884 ONSEMI	1	FDS6630A	
Q102	BC856B-7-F DIODES INCORPORATED	1	BC856B	
Q203 Q204 Q207	BSL207SPH6327XTSA1 INFINEON TECHNOLOGIES	3	BSL207SP	
Q401		1	ASF	
R101 R102	ERJ3EKF6200V PANASONIC	2		620
R103 R104 R118 R120 R126 RCV201 RCV202 R205 R206 R207 R208 R209 R210 R220 R221 R223 R227 R306 R403	ERJ6ENF1002V PANASONIC	19	10k	
R105 R114 R117 R215 R236 R301 R303 R304 R307	ERJ6ENF1001V PANASONIC	9	1k	
R106 R401	ERA6AEB513V PANASONIC	2	51k	
R107 R110 R214 R218 R219 R402	ERA6AEB512V PANASONIC	6	5k1	
R108 R406	ERJ6GEYJ621V PANASONIC	2		620
R109 R113 R119 R135 R203	ERJ6ENF3300V PANASONIC	5		0
R111 R121 R128	ERA6AEB391V PANASONIC	3		390
R112 R115	ERJ6ENF3300V PANASONIC	2		330
R116 R127 R201 R202 R204 R231 R407	ERJ6ENF2201V PANASONIC	7	2k2	
R122 R123 R124 R125	ERJ3EKF51R0V PANASONIC	4		51
R129 R305 R404 R405 R408 R409	ERJ6ENF4701V PANASONIC	6	4k7	
RFV101 RFV102 RFV103 R130 R131 RAV201 RBBV201 RBV201 RBV202 RDV202 RCV203 RKV301 RKV302	AC0603JR-070RL	13		0
R132 R134 R224	ERJ6ENF2002V PANASONIC	3	20k	
R133	ERJ6ENF1200V PANASONIC	1		120
R211	CS06JTFUR680 Viking	1	0R680	
R212	CRCW08051M43FKTABC VISHAY	1	1M4	
R213	ERA6AEB1743V PANASONIC	1	174k	
R216	ERJ6ENF4703V PANASONIC	1	470k	
R217 R222	ERJ6ENF1003V PANASONIC	2	100k	
R225	ERA6AEB105V PANASONIC	1	1M	
R226	ERA6AEB304V PANASONIC	1	300k	
R228	VIKING CS12FTFSR100	1	0R1	
R229	ERA6AEB333V PANASONIC	1	33k	
R230	ERA6AEB332V PANASONIC	1	3k3	
R232 R233 R234	ERJ6ENF2202V PANASONIC	3	22k	
R237 R238	ERJ6ENF3300V PANASONIC	2	0R	

bom_parameteo_hwrev_f

R302	ERA6AEB562V PANASONIC	1	5k6
R308 R309 R310	ERA6AEB510V PANASONIC	3	51
R501	ERA6AEB432V PANASONIC	1	4k3
RBAV201 RDV201	DO NOT PLACE	2	10k
RV101	3314J-1-103E BOURNS	1	RX_LEVEL
RV102	3314J-1-103E BOURNS	1	TX_LEVEL
SW101		1	KSC343J LFG C&K
SW102		1	SW_Push
SW103		1	SW_Push
T101 T102 Q201 Q202 Q205 Q206 Q208 T401 Q402		9	BC846
TP101		1	TP_AF_RX_ISOL
TP201		1	TP_CNTRL_VBATT_R
TP202		1	TP_CNTRL_VBATT_M
TP203		1	TP_CNTRL_VBATT_S
TP204		1	TP_VIN_REG
TP205		1	TP_CNTRL_VBATT_G
TP206		1	TP_CNTRL_VBATT_C
TP207		1	TP_VFB
TP208		1	TP_SENSE
TP209		1	TP_VBATT_PROT
TP210		1	TP_VBAT_MEAS
TP211		1	TP_VPV_PFLTRED
TP212		1	TP_VPV_FLTRED
TP213		1	TP_VPV
U101 U102	LM-NP-1001-B1L BOURNS	2	CRIYCHLEY9000
U103	SN74LVC2G14DBV TTEXAS INSTRUMENTS	1	SN74LVC2G14DBV
U104 U105	6N137M ONSEMI	2	6N137
U106 U109	HMHA281R2 ONSEMI	2	HMHA281R2
U107	STM32L476RGT6 STMicroelectronics	1	STM32L476RGT6
U108 U205	MCP1802T-3302I/OT MICROCHIP TECHNOLOGY	2	LP2985-3.3
U110	SN65HVD485EDR TEXAS INSTRUMENTS	1	SN65HVD485EDR
U111	ST3232BTR STMicroelectronics	1	ST3232BTR
U201 U207	DO NOTI PLACE	2	LP2985-5.0
U202 U208	LM2596S-ADJ TEXAS INSTRUMENTS	2	LM2596S-ADJ
U203	MAX1837EUT50+T ANALOG DEVICES	1	MAX1837EUT50+T
U204	MAX1837EUT33+T ANALOG DEVICES	1	MAX1837EUT33+T
U206	LT3652EMSE Analog Devices	1	LT3652EMSE
U301	SIMCOM SIM800C-BT	1	SIM800C
U401	LM1117IMP-3.3 TEXAS INSTRUMENTS	1	LM1117-3.3
U402	ANALOG DEVICES AD7740YRMZ	1	AD7740KRMZ
U403 U404	HMHA281R2 ONSEMI	2	HMHA281R2
U501	MAX31865ATP+T Analog Devices (MAXIM INTEGRAT	1	MAX31865xTP
X101	SAMTEC SHF-105-01-L-D-SM-K-TR	1	SHF-105-01-L-D-SM
X301		1	SIMLOCK-C707_10M006_511
Y101	8.00M-SMDHC49S YIC	1	Crystal
Y102	QT3CD-32.768KDZB-T QST	1	Crystal

Footprint	Datasheet
LED_SMD:LED_0805_2012Metric	
Connector_Phoenix_MC:PhoenixContact_MCV_1,5_2-G-3.5_1x02_P3.50mm_Vertical	https://www.tme.eu/pl/details/15edgvc3.81-02p/listwy-zaciskowe-rozlaczalne/degson-electronics/15edgvc3.81-02p
Battery:BatteryHolder_Keystone_103_1x20mm	
Capacitor_THT:CP_Radial_D8.0mm_P3.50mm	https://www.tme.eu/pl/details/upm1v221mpd1td/kondensatory-elektrolityczne-tht/nichicon/
Capacitor_SMD:C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	
Capacitor_Tantalum_SMD:CP_EIA-3528-21_Kemet-B_Pad1.50x2.35mm_HandSolder	https://www.tme.eu/pl/details/293d476x9010b2te3/kondensatory-tantalowe-smd/vishay/
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	
Capacitor_Tantalum_SMD:CP_EIA-3528-21_Kemet-B_Pad1.50x2.35mm_HandSolder	https://www.tme.eu/pl/details/293d476x9010b2te3/kondensatory-tantalowe-smd/vishay/
Capacitor_SMD:C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	
Capacitor_THT:CP_Radial_D10.0mm_P5.00mm	https://www.tme.eu/en/details/eeufm1v471/tht-electrolytic-capacitors/panasonic/
Capacitor_Tantalum_SMD:CP_EIA-3528-21_Kemet-B_Pad1.50x2.35mm_HandSolder	https://www.tme.eu/pl/details/t491b106k025at/kondensatory-tantalowe-smd/kemet/
Capacitor_Tantalum_SMD:CP_EIA-7343-31_Kemet-D_Pad2.25x2.55mm_HandSolder	https://pl.farnell.com/kemet/t491d476m025at/cap-47-f-25v-20-2917-smd/dp/1692397
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	
Capacitor_Tantalum_SMD:CP_EIA-7343-43_Kemet-X_Pad2.25x2.55mm_HandSolder	https://www.tme.eu/pl/details/t491x107m025at/kondensatory-tantalowe-smd/kemet/
Capacitor_Tantalum_SMD:CP_EIA-6032-28_Kemet-C_Pad2.25x2.35mm_HandSolder	https://www.tme.eu/pl/details/tpsc226k020r0400/kondensatory-tantalowe-smd/kyocera-avx/
Capacitor_Tantalum_SMD:CP_EIA-3528-21_Kemet-B_Pad1.50x2.35mm_HandSolder	https://www.tme.eu/pl/details/t491d336k025at/kondensatory-tantalowe-smd/kemet/
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	
Capacitor_Tantalum_SMD:CP_EIA-3216-18_Kemet-A_Pad1.58x1.35mm_HandSolder	https://www.tme.eu/pl/details/tpsa476k006r0800/kondensatory-tantalowe-smd/kyocera-avx/
Capacitor_THT:CP_Radial_D6.3mm_P2.50mm	https://www.tme.eu/pl/details/eeufr1e101/kondensatory-elektrolityczne-tht/panasonic/
Capacitor_Tantalum_SMD:CP_EIA-6032-28_Kemet-C_Pad2.25x2.35mm_HandSolder	https://www.tme.eu/pl/details/293d107x96r3c2te3/kondensatory-tantalowe-smd/vishay/
Capacitor_THT:CP_Radial_D18.0mm_P7.50mm	https://www.tme.eu/pl/details/mal214655682e3/kondensatory-elektrolityczne-tht/vishay/
Capacitor_THT:CP_Radial_D16.0mm_P7.50mm	UPW1J471MHD3 NICHICON
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	
Capacitor_Tantalum_SMD:CP_EIA-3216-18_Kemet-A_Pad1.58x1.35mm_HandSolder	https://www.tme.eu/pl/details/293d106x9010a2te3/kondensatory-tantalowe-smd/vishay/
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	
Diode_SMD:D_SOD-323_HandSoldering	https://www.tme.eu/pl/details/uclamp3301d.tct/diody-transil-smd-jednokierunkowe/semtech/
Diode_SMD:D_0805_2012Metric_Pad1.15x1.40mm_HandSolder	
Package_TO_SOT_SMD:SOT-23-6	www.st.com/resource/en/datasheet/esda6v1-5sc6.pdf
Diode_SMD:D_SMB	https://www.tme.eu/pl/details/smbj6.0a-13-f/diody-transil-smd-jednokierunkowe/diodes-incorporated/
Diode_SMD:D_SMB_Handsoldering	https://www.tme.eu/pl/details/sk32smb-dio/diody-schottky-smd/diotec-semiconductor/sk32smb/
Diode_SMD:D_SOD-123F	http://www.vishay.com/docs/85622/1n914.pdf
Diode_SMD:D_SMB	http://www.jameco.com/Jameco/Products/ProdDS/1538777.pdf
Diode_SMD:D_SOD-123	https://www.st.com/en/diodes-and-rectifiers/stps0530z.html
Diode_SMD:D_SOT-23_ANK	https://diotec.com/tl_files/diotec/files/pdf/datasheets/bzx84c2v4.pdf
Diode_SMD:D_SMC	http://www.jameco.com/Jameco/Products/ProdDS/1538777.pdf
Diode_SMD:D_SMB	https://www.tme.eu/pl/details/b3100be-13/diody-schottky-smd/diodes-incorporated/
Diode_SMD:D_SOD-123	https://www.microsemi.com/document-portal/doc_download/8865-lds-0040-datasheet
LED_SMD:LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder	
Fuse:Fuse_2010_5025Metric_Pad1.52x2.65mm_HandSolder	
FIL_NFE31PT222Z1E9L	https://www.tme.eu/pl/en/details/nfe31pt222z1e9l/smd-suppression-filters/murata/
FIL_NFE31PT222Z1E9L	https://www.tme.eu/pl/en/details/nfe31pt222z1e9l/smd-suppression-filters/murata/
MountingHole:MountingHole_3.7mm	
MountingHole:MountingHole_4.3mm_M4_DIN965_Pad_TopBottom	
MountingHole:MountingHole_4.3mm_M4_DIN965	
MountingHole:MountingHole_2.2mm_M2_DIN965_Pad_TopBottom	
Connector_Phoenix_MC:PhoenixContact_MCV_1,5_3-G-3.5_1x03_P3.50mm_Vertical	https://www.tme.eu/en/details/15edgvc-3.5-03p/pluggable-terminal-blocks/degson-electronics/15edgvc-3.5-03p

Connector_PinHeader_2.54mm:PinHeader_1x03_P2.54mm_Vertical_SMD_Pin1Right	
Connector_PinHeader_1.27mm:PinHeader_1x02_P1.27mm_Vertical	
Connector_PinHeader_2.54mm:PinHeader_1x07_P2.54mm_Vertical	
Connector_Card:microSD_HC_Hirose_DM3BT-DSF-PEJS	http://katalog.we-online.de/em/datasheet/693072010801.pdf
Connector_Phoenix_MC:PhoenixContact_MCV_1,5_5-G-3.5_1x05_P3.50mm_Vertical	https://botland.com.pl/zlacza-montazowe/7101-listwa-montazowa-meska-5-pinowa-raster-35mm-pic
Connector_RJ:RJ45_OST_PJ012-8P8CX_Vertical	https://www.tme.eu/en/details/5556416-1/rj-connectors/te-connectivity/
Connector_Phoenix_MC:PhoenixContact_MCV_1,5_3-G-3.5_1x03_P3.50mm_Vertical	https://www.tme.eu/en/details/15edgvc-3.5-03p/pluggable-terminal-blocks/degson-electronics/15edg
Connector_Dsub:DSUB-9_Female_Vertical_P2.77x2.84mm_MountingHoles	~
Connector_PinHeader_2.54mm:PinHeader_1x07_P2.54mm_Vertical	
Connector_Coaxial:SMA_Amphenol_132134-16_Vertical	https://www.tme.eu/pl/details/rf2-19a-t-00-50-g/zlacza-sma-smb-smc/adam-tech/
Connector_Coaxial:U.FL_Molex_MCRF_73412-0110_Vertical	~
Connector_Phoenix_MC:PhoenixContact_MCV_1,5_4-G-3.5_1x04_P3.50mm_Vertical	https://www.tme.eu/en/details/15edgvc-3.5-04p/pluggable-terminal-blocks/degson-electronics/15edg
Connector_PinHeader_1.27mm:PinHeader_1x03_P1.27mm_Vertical	
Connector_Phoenix_MC:PhoenixContact_MCV_1,5_4-G-3.81_1x04_P3.81mm_Vertical	https://www.tme.eu/pl/details/15edgvc3.81-04p/listwy-zaciskowe-rozlaczalne/degson-electronics/15e
Inductor_SMD:L_1210_3225Metric_Pad1.42x2.65mm_HandSolder	https://www.tme.eu/pl/details/lqh32pn4r7nncl/dlawiki-smd-1210/murata/
Inductor_Kemet:L_KEM_MPX1D06xx	https://www.tme.eu/pl/details/mpx1d0630l220/dlawiki-smd-mocy/kemet/
Inductor_SMD:L_1210_3225Metric_Pad1.42x2.65mm_HandSolder	https://www.tme.eu/pl/details/nlcv32t-220k-ef/dlawiki-smd-1210/tdk/
Inductor_SMD:L_12x12mm_H4.5mm	https://www.tme.eu/pl/details/de1207-47/dlawiki-smd-mocy/ferrocore/
Inductor_SMD:L_1210_3225Metric_Pad1.42x2.65mm_HandSolder	
Inductor_SMD:L_12x12mm_H4.5mm	https://www.tme.eu/pl/details/de1209-100/dlawiki-smd-mocy/ferrocore/
Inductor_SMD:L_0805_2012Metric_Pad1.15x1.40mm_HandSolder	https://www.tme.eu/pl/details/lqm21pn4r7mgrd/dlawiki-smd-0805/murata/
Connector_Phoenix_MSTB:PhoenixContact_MSTBVA_2,5_2-G_1x02_P5.00mm_Vertical	https://www.tme.eu/pl/details/mstbv2.5_2-g/listwy-zaciskowe-rozlaczalne/phoenix-contact/mstbv-2-5
Package_SO:SOIC-8_3.9x4.9mm_P1.27mm	http://www.onsemi.com/pub/Collateral/FDS6630A-D.pdf
Package_TO_SOT_SMD:SOT-23	https://www.onsemi.com/pub/Collateral/BC860-D.pdf
ParaTNC-imported:SC74_INFINEON	
ParaTNC-imported:ASF	
Resistor_SMD:R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_1206_3216Metric_Pad1.30x1.75mm_HandSolder	https://www.tme.eu/pl/details/cs1206-0r68-5%25-hp/rezystory-smd/viking/cs06jtfur680/
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_2512_6332Metric_Pad1.40x3.35mm_HandSolder	https://www.tme.eu/en/details/cs2512-0r1-1%25-hp/smd-resistors/viking/cs12ftfsr100/
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	

bom_parameteo_hwrev_f

Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	
Resistor_SMD:R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	
Potentiometer_SMD:Potentiometer_Bourns_3314J_Vertical	https://www.tme.eu/pl/details/3314j-1-103e/potencjometry-smd-jednoobrotowe/bourns/
Potentiometer_SMD:Potentiometer_Bourns_3314J_Vertical	https://www.tme.eu/pl/details/3314j-1-103e/potencjometry-smd-jednoobrotowe/bourns/
Button_Switch_SMD:SW_SPST_EVPBF	
Button_Switch_SMD:SW_SPST_B3U-1000P	
Button_Switch_SMD:SW_SPST_EVPBF	
Package_TO_SOT_SMD:SOT-23	
TestPoint:TestPoint_Pad_D1.5mm	
TestPoint:TestPoint_Pad_D1.5mm	
TestPoint:TestPoint_Pad_D1.5mm	
TestPoint:TestPoint_Pad_D1.5mm	
TestPoint:TestPoint_Pad_D1.5mm	
TestPoint:TestPoint_Pad_D1.5mm	
TestPoint:TestPoint_Pad_D1.5mm	
TestPoint:TestPoint_Pad_D1.5mm	
TestPoint:TestPoint_Pad_D1.5mm	
TestPoint:TestPoint_Pad_D1.5mm	
TestPoint:TestPoint_Pad_D1.5mm	
TestPoint:TestPoint_Pad_D1.5mm	
TestPoint:TestPoint_Pad_D1.5mm	
TestPoint:TestPoint_Pad_D1.5mm	
TestPoint:TestPoint_Pad_D1.5mm	
ParaTNC-imported:NORMAL	https://www.tme.eu/pl/details/lm-np-1001-b1l/dlawiki-smd-pozostale/bourns/
Package_TO_SOT_SMD:SOT-23-6_Handsoldering	http://www.ti.com/lit/ds/symlink/sn74lvc2g14.pdf
Package_DIP:DIP-8_W7.62mm	https://docs.broadcom.com/docs/AV02-0940EN
ParaTNC-imported:MINI-FLAT-4	https://www.onsemi.com/pub/Collateral/FODM214-D.PDF
Package_QFP:LQFP-64_10x10mm_P0.5mm	http://www.st.com/st-web-ui/static/active/en/resource/technical/document/datasheet/DM00090183.p
Package_TO_SOT_SMD:SOT-23-5	http://www.ti.com/lit/ds/symlink/lp2985.pdf
Package_SO:SO-8_3.9x4.9mm_P1.27mm	https://www.tme.eu/pl/details/sn65hvd485edr/uklady-scalone-interfejs-rs232-422-485/texas-instrum
Package_SO:TSSOP-16_4.4x5mm_P0.65mm	https://www.tme.eu/pl/details/st3232btr/uklady-scalone-interfejs-rs232-422-485/stmicroelectronics/
Package_TO_SOT_SMD:SOT-23-5	http://www.ti.com/lit/ds/symlink/lp2985.pdf
Package_TO_SOT_SMD:TO-263-5_TabPin3	http://www.ti.com/lit/ds/symlink/lm2596.pdf
SOT95P280X145-6N	
SOT95P280X145-6N	
Package_SO:MSOP-12-1EP_3x4mm_P0.65mm_EP1.65x2.85mm	https://www.analog.com/media/en/technical-documentation/data-sheets/3652fe.pdf
RF_GSM:SIMCom_SIM800C	http://simcom.ee/documents/SIM800C/SIM800C_Hardware_Design_V1.05.pdf
Package_TO_SOT_SMD:SOT-223	http://www.ti.com/lit/ds/symlink/lm1117.pdf
ParaTNC-imported:SOIC65P490X109-8N	
Package_SO:SOP-4_4.4x2.6mm_P1.27mm	https://www.onsemi.com/pub/Collateral/FODM214-D.PDF
Package_DFN_QFN:TQFN-20-1EP_5x5mm_P0.65mm_EP3.25x3.25mm	https://datasheets.maximintegrated.com/en/ds/MAX31865.pdf
ParaTNC-imported:PHB_1MM27_2X05_SNS	https://eu.mouser.com/ProductDetail/Samtec/SHF-105-01-L-D-SM-K-TR?qs=FESYatJ8odJpoDzom
ParaTNC-imported:C707_10M006_512_2	
Crystal:Crystal_SMD_HC49-SD_HandSoldering	
Crystal:Crystal_SMD_MicroCrystal_CC5V-T1A-2Pin_4.1x1.5mm_HandSoldering	

gdgvc-3-81-02p-14-00a-h/

/

jvc-3-5-03p-14-00a-h/

nowa-zabudowana-5903351249171.html

jvc-3-5-03p-14-00a-h/

jvc-3-5-04p-14-00a-h/

ædgvc-3-81-04p-14-00a-h/

i-2-g-1753437/

df

ents/

8nasg%3D%3D