

Parts

Type	ID	Provider	Description
Button	1005002284607011	https://de.aliexpress.com	PB86 Push Button Green / Red / Yellow
Button	KS01-BLV-2	https://www.tme.eu	Push Button orange
Button	KS01-BLV-13	https://www.tme.eu	Push Button red/green
Button	1005005792983870	https://de.aliexpress.com	Rectangle Momentary Push Button 6.3V Red / Yellow
Button	1005004587725359	https://de.aliexpress.com	Rectangle Momentary Push Button Cover
Button	PEC11R-4215F-S0024	https://www.tme.eu	Rotary Encoder
Button	1005004081506992	https://de.aliexpress.com	Rotary Encoder Knob
Cable	32998004363	https://de.aliexpress.com	Flat Ribbon Cable 1.27 8P / 10P
Cable	4001353071671	https://de.aliexpress.com	PH 2.0 2P / 4P / 5P / 7P Cable 10cm
Cable	4000058023349	https://de.aliexpress.com	XH 2.54 3P Cable 20cm
Capacitor	C495959	https://www.lcsc.com	100nF 0805
Capacitor	C11375	https://www.lcsc.com	100uF 16V Case C 6032 TAJC107K016RNJ
Capacitor	C519909	https://www.lcsc.com	10nF 0805
Capacitor	C15850	https://www.lcsc.com	10uF 0805
Capacitor	C7216	https://www.lcsc.com	220uF 6.3V Case C 6032 TAJC227K006RNJ
Capacitor	C77101	https://www.lcsc.com	47uF 1210
Connector	C963713	https://www.lcsc.com	DIN41612 32P
Connector	ML-C2 32W	https://www.reichelt.de	DIN41612 32P A-C C (ept: 103-90014)
Connector	FL-C2 32G4	https://www.reichelt.de	DIN41612 32P A-C C (ept: 304-90014-01)
Connector	C492445	https://www.lcsc.com	IDC 2x3 PCB Mount SMT
Connector	C601910	https://www.lcsc.com	IDC 2x4 Crimp
Connector	C376157	https://www.lcsc.com	IDC 2x4 Crimp PCB Mount
Connector	C8373	https://www.lcsc.com	IDC 2x5 Crimp
Connector	1005002322214396	https://de.aliexpress.com	IDC 2x5 Crimp Reverse
Connector	C2977596	https://www.lcsc.com	IDC 2x5 PCB Mount
Connector	C4749178	https://www.lcsc.com	IDC 2x5 PCB Mount SMT
Connector	C131337	https://www.lcsc.com	PH 2.0 2P
Connector	C160352	https://www.lcsc.com	PH 2.0 2P SMT
Connector	C131334	https://www.lcsc.com	PH 2.0 4P
Connector	C160354	https://www.lcsc.com	PH 2.0 4P SMT
Connector	C157993	https://www.lcsc.com	PH 2.0 5P
Connector	C157981	https://www.lcsc.com	PH 2.0 7P

Parts

Connector	C492401	https://www.lcsc.com	Pin Header 1x02 2.54
Connector	C49257	https://www.lcsc.com	Pin Header 1x03 2.54
Connector	C2881656	https://www.lcsc.com	Pin Header 1x11 1.27
Connector	1005004301488282	https://de.aliexpress.com	Pin Header 2.54 Multi Color
Connector	C2685136	https://www.lcsc.com	Pin Header 2x02 2.54
Connector	C492420	https://www.lcsc.com	Pin Header 2x03 2.54
Connector	C2935921	https://www.lcsc.com	Pin Header 2x06 2.54
Connector	C124393	https://www.lcsc.com	Pin Socket 1x12 1.27
Connector	TBG-5-PW-3P-GN	https://www.tme.eu	Pluggable Terminal 3P 5.08
Connector	TBW-5.08-3P	https://www.tme.eu	Pluggable Terminal 3P 5.08
Connector	1005004748652065	https://de.aliexpress.com	RJ45 Port IDC Straight
Connector	C708610	https://www.lcsc.com	RJ45 THT
Connector	926666961	https://de.aliexpress.com	Screw Terminal 2P 5.08
Connector	926666961	https://de.aliexpress.com	Screw Terminal 3P 5.08
Connector	105-0U	https://www.tme.eu	TAUR 105 Power Socket (green)
Connector	TAUR 105-0R	https://www.reichelt.de	TAUR 105 Power Socket (red, yellow, gray)
Connector	C1121883	https://www.lcsc.com	TRS Audio Jack
Connector	C692438	https://www.lcsc.com	TRS Audio Jack green
Connector	C2884943	https://www.lcsc.com	TRS Audio Jack pink
Connector	640-USB3076-30-A	https://www.mouser.de	USB Micro
Connector	C7429633	https://www.lcsc.com	XH 2.54 3P
Fuse	C883096	https://www.lcsc.com	BHFUSE BSMD0805-005-15V 50ma/150mA
Fuse	C883099	https://www.lcsc.com	BHFUSE BSMD0805-010-15V 100mA/300mA
Fuse	C910823	https://www.lcsc.com	BHFUSE BSMD0805-100-12V 1A/2A
IC	C2071056	https://www.lcsc.com	AP63205WU-7
IC	C1339884	https://www.lcsc.com	ATTINY402-SSN
IC	494-AVR64DD32-I/PT	https://www.mouser.de	AVR64DD32 TQFP
IC	C99652	https://www.lcsc.com	CH340E
IC	C102619	https://www.lcsc.com	DMG2301L-7 P-Channel Mosfet
IC	C460977	https://www.lcsc.com	DMG2302U
IC	C909754	https://www.lcsc.com	MMBT3904
IC	C6855	https://www.lcsc.com	SP485EEN-L/TR
IC	C19579	https://www.lcsc.com	TM1620
IC	C181730	https://www.lcsc.com	ULN2003A

Parts			
Inductor	C703083	https://www.lcsc.com	1.6A 4.7uH ±20% 2.3A 157mΩ 1210
Jumper/Test	C5274550	https://www.lcsc.com	Jumper blue
Jumper/Test	C5274548	https://www.lcsc.com	Jumper red
Jumper/Test	C5274551	https://www.lcsc.com	Jumper white
Jumper/Test	C5274549	https://www.lcsc.com	Jumper yellow
Jumper/Test	C238127	https://www.lcsc.com	Test Ring black
Jumper/Test	C2906765	https://www.lcsc.com	Test Ring red
Jumper/Test	C238128	https://www.lcsc.com	Test Ring yellow
LED	C98222	https://www.lcsc.com	LED 0805 blue
LED	C98221	https://www.lcsc.com	LED 0805 green
LED	C125091	https://www.lcsc.com	LED 0805 yellow
LED	1005001835638842	https://de.aliexpress.com	SK6812 RGBWW
LED	C225881	https://www.lcsc.com	SUNLIGHT SLR0282BH2C1BD-6.6
Module	1005003575010329	https://de.aliexpress.com	Bluetooth Module
Module	1005004210325836	https://de.aliexpress.com	POE Injector 12V 2A
Module	1005006327593563	https://de.aliexpress.com	IR Transmitter
Module	4000905994833	https://de.aliexpress.com	433Mhz RF Transmitter
Mounting	1005005070119421	https://de.aliexpress.com	M2.5x10 Hex Flat
Mounting	1005005070119421	https://de.aliexpress.com	M2.5x6 Hex Flat
Mounting	32798773566	https://de.aliexpress.com	M3 Nut
Mounting	1005005070119421	https://de.aliexpress.com	M3x12 Hex Flat
Mounting	1005004048407401	https://de.aliexpress.com	M3x14 Hex Countersunk
Mounting	1005006060186972	https://de.aliexpress.com	M3x14 Standoff
Mounting	TFM-M3X5/DR213	https://www.tme.eu	M3x5 Standoff
Mounting	TFF-M3X55/DR125	https://www.tme.eu	M3x55 Standoff
Mounting	1005005070119421	https://de.aliexpress.com	M3x6 Hex Flat
Mounting	32798773566	https://de.aliexpress.com	M4 Nut
Mounting	1005004048407401	https://de.aliexpress.com	M4x16 Hex Countersunk
Mounting	17H910	https://www.buerklin.com	Mounting Cube 10mm
Mounting	1005001639359312	https://de.aliexpress.com	Nut M2.5
Mounting	BM4009	https://www.tme.eu	PG9 Cable Gland
Mounting	BM4809	https://www.tme.eu	PG9 Cable Gland Nut
Rack	BGT VS1	https://www.reichelt.de	19" Front Plate Holder
Rack	MEN 3277.0883	https://www.reichelt.de	19" Rack Handle

Parts

Rack	71H225	https://www.buerklin.com	19" module carrier guide rails
Rack	71H205	https://www.buerklin.com	19" module carrier threaded strips
Rack	BGT 384-180	https://www.reichelt.de	19" Rack 3HE, 84TE, 178mm
Relay	C231374	https://www.lcsc.com	G5RL-1A-E-HR DC12 12V
Relay	C23510	https://www.lcsc.com	HFD4/5 5V DPDT
Resistor	C17477	https://www.lcsc.com	0R 0805
Resistor	C3152217	https://www.lcsc.com	10k 0805
Resistor	C17415	https://www.lcsc.com	10R 0805
Resistor	C25280	https://www.lcsc.com	120R 0805
Resistor	C17471	https://www.lcsc.com	150R 0805
Resistor	C17513	https://www.lcsc.com	1k 0805
Resistor	C3152182	https://www.lcsc.com	1M 0805
Resistor	C17526	https://www.lcsc.com	2k4 0805
Resistor	C2907340	https://www.lcsc.com	680R 0805