

Bill of Materials

GECKO3main Productiontester

Source Data From: gecko3main-tester.PrjPCB
 Project: gecko3main-tester.PrjPCB
 Variant: None

Exchange rate to CHF 1.65 Euro
 1.03 \$



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Footprint	Value	LibRef	Designator	Description	Quantity	Manufacturer	Part Number	Distributor	Distributor Number	Packaging unit	lead time	RoHS	Price	Currency	In CHF	CHF for Qty		
0402	100nF	Cap	C1_ethcon, C3_ethcon	Capacitor	2	Murata	GRM155R71C104KA88D	Farnell	8819 742	10		yes	0.07	CHF	0.07	0.14		
0603	470nF	Cap	C1_sercon, C2_sercon, C3_sercon, C4_sercon, C5_sercon	Capacitor	5	PHYCOMP	2238 786 19758	Farnell	3188 851	10		yes	0.17	CHF	0.17	0.85		
D	470uF	Cap Pol3	C1_tester, C2_IO	Polarized Capacitor (Surface Mount)	2	Kemet	B45196-H2477-K509	Distrelec	811 024	1		yes	3.77	CHF	3.77	7.54		
c-r5	4.7nF 1000V	C	C2_ethcon		1	Murata	DEBF33A472ZC1B	Farnell	9527 249	1		yes	0.52	CHF	0.52	0.52		
DO-41	SB340	Diode 1N4001	D1_tester	1 Amp General Purpose Rectifier	1	Diotec	SB340	Distrelec	601 797	1		yes	0.86	CHF	0.86	0.86		
LED-1	LED 5mm green	LED1	D2_tester, D3_tester, D4_tester	Typical RED GaAs LED	3	Avago	HLMP-3507	Distrelec	251 536	5		yes	0.43	CHF	0.43	1.29		
LED-1	LED 5mm red	LED1	D5_tester	Typical RED GaAs LED	1	Avago	HLMP3301	Distrelec	251 534	5		yes	0.54	CHF	0.54	0.54		
0603	MLB-160808-S600Q	FERRITE-BEAD	FB1_IO, FB2_IO		2	Kitagawa	MLB-160808-S600Q	Distrelec	330 131	5		yes	0.75	CHF	0.75	1.50		
Mini power Jack	DC8	MINI POWER JACK	J1_tester		1	CLIFF ELECTRONIC	DC8	Farnell	224 947	10		yes	1.855	CHF	1.855	1.86		
SI-10021	SI-10021	SI-10021	JP1_ethcon	MagJack from Bel Stewart, single port RJ45 with magnetics, without LED's	1	Stewart	SI-10021	Farnell	1137 981	1		yes	12.65	CHF	12.65	12.65		
amp_FH_8mm_120pin_r_H9_H13	fh-120r-9mm	AMP-FH-120-RECEPTABLE-H9-H13	JP1_IO2, JP2_IO	AMP Free Height System, 0.8mm, 120 Pin, 9 or 13mm Height, Receptable	2	AMP	5-5179009-5	Farnell	1098 355	1		yes	6.85	CHF	6.85	13.70		
amp_FH_8mm_120pin_plug	fh-120p-5mm	AMP-FH-120-Plug	JP1_IO, JP2_IO2	AMP Free Height System, 0.8mm, 120 Pin, Plug	2	AMP	5177984-5	Farnell	1098 339	1		yes	7.95	CHF	7.95	15.90		
M22-2040205	M22-2040205	M22-2040205	JP1_sercon		1	HARWIN	M22-2040205	Farnell	672 208	1		yes	1.2	CHF	1.2	1.20		
M22-2540305	M22-2540305	M22-2540305	JP2_ethcon		1	HARWIN	M22F2040305	Farnell	672 210	1		yes	2.3	CHF	2.3	2.30		
RAD-0.1	Header 1x2, straight	Meter	M1_tester, M2_tester, M3_tester	Indicating Instrument	3	Preci-Dip	330.36.1 L 02 902	Distrelec	122 112	18		yes	2.26	CHF	2.26	6.78		
CC3216-1206	1M_250V	Res2	R1_ethcon	Resistor	1	Multicomp	MC 0.125W 1206 1% 1M	Farnell	9335 781	50		X-yes	0.055	CHF	0.055	0.06		
0402	2.2K	Res2	R1_IO, R2_IO	Resistor	2	PHYCOMP	232270672202	Farnell	9239 278	50		yes	0.12	CHF	0.12	0.24		
0402	4.7K	Res2	R1_sercon	Resistor	1	PHYCOMP	232270674702	Farnell	9239 316	50		yes	0.12	CHF	0.12	0.12		
0603	220R 0603	Res2	R1_tester, R2_tester, R3_tester, R4_tester	Resistor	4	PHYCOMP	232270462204	Farnell	9238 760	50		yes	0.123	CHF	0.123	0.49		
IQXO-350	?MHz-osc dll14	IQXO-350	S1_tester, S2_tester	Crystal Oscillator	2	Rakon	LF X3xB	Farnell	9712 xxx	1		yes	8.35	CHF	8.35	16.70		
SO-G16	MAX3232CSE	MAX3232CSE	U1_sercon	3.0V TO 5.5V, Low-Power, up to 1Mbps, True RS-232 Transceiver Using Four 0.1µF External Capacitor	1	Maxim	MAX 3232 CSE	Distrelec	648 973	1		yes	7.75	CHF	7.75	7.75		
TRACO-TEL5	TEN5-0510	TRACO-TEL5	U1_tester	TRACO DC/DC Converter TEL5 Series	1	TRACO	TEN5-0510	Distrelec	362 901	1		yes	47.34	CHF	47.34	47.34		
DSUB9RA/F	DB9F	DB9/F	X1_sercon		1	MULTICOMP	5504F1-09S-01-03-F1	Farnell	1084 710	10		yes	1.55	CHF	1.55	1.55		
					Total Number of parts	41											Total in CHF	141.87

Approved	Notes