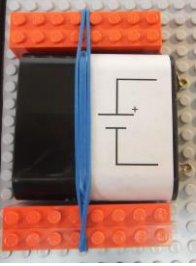
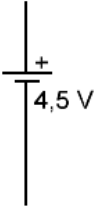
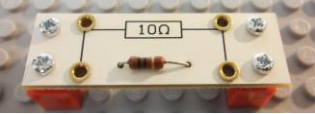
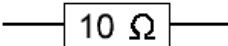

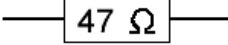

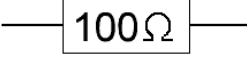
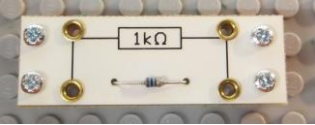
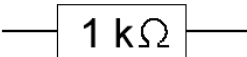


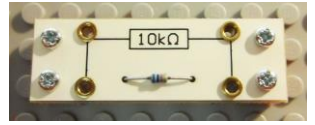
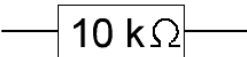
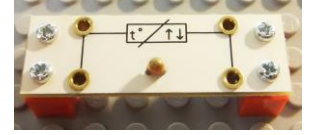
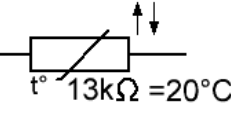
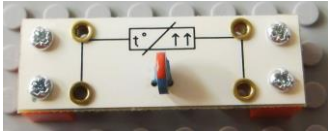

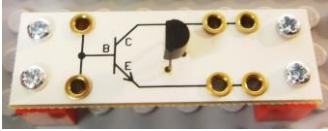
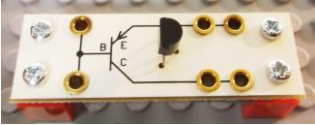
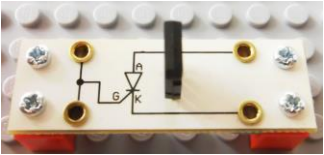
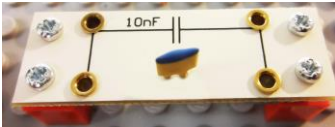
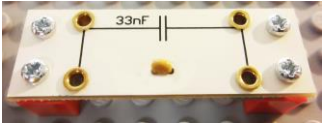
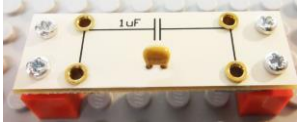



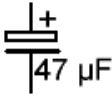
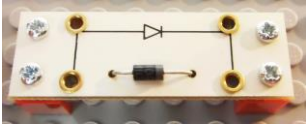



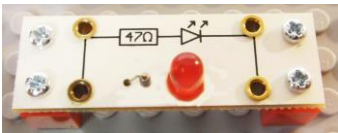

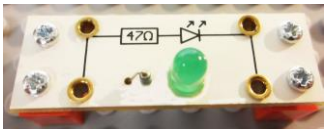

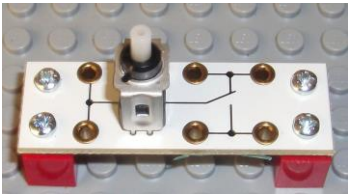

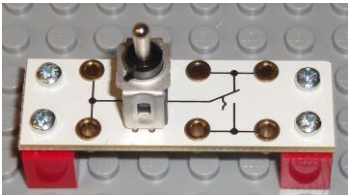

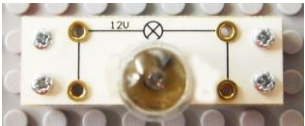

ELEXBO A-Car-Engineering	Elektrotechnik/Elektronik	1
	Beschrieb der elektrischen Bauteile	

Nr	Bauteil-Photo	Bauteil-Symbol	Beschreibung
0			Batterie 4.5 V Kapazität: 4800 mAh Typ: 3LR12
1			Leistungs-Metallfilm-Widerstand 10 Ohm Belastbarkeit 1W Werte-Toleranz =5%
2			Leistungs-Metallfilm-Widerstand 47 Ohm Belastbarkeit 1W Werte-Toleranz =5%
3 4			Leistungs-Metallfilm-Widerstand 100 Ohm Belastbarkeit 0.5W Werte-Toleranz =5%
5 6			Leistungs-Metallfilm-Widerstand 1000 Ohm Belastbarkeit 0.5W Werte-Toleranz =5%
7			Leistungs-Metallfilm-Widerstand 2200 Ohm Belastbarkeit 0.5W Werte-Toleranz =5%
8 9			Leistungs-Metallfilm-Widerstand 10000 Ohm Belastbarkeit 0.5W Werte-Toleranz =5%
10			Temperaturabhängiger Widerstand NTC = Negativ Temperatur Coefficient Bei Temperatursteigerung sinkt Widerstand Belastbarkeit 0.25W Werte-Toleranz =5%

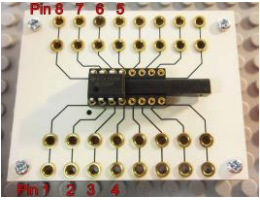
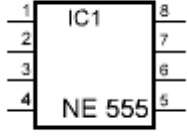
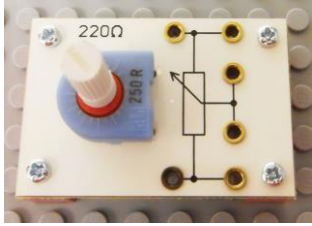
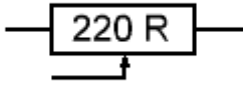
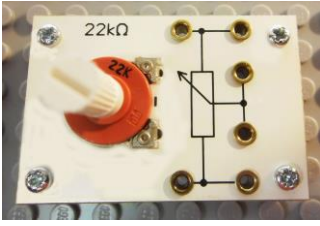
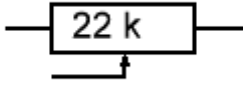
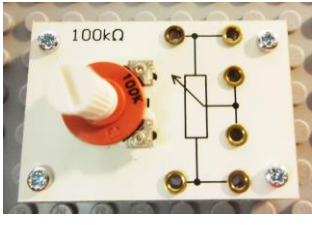
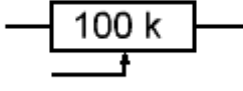
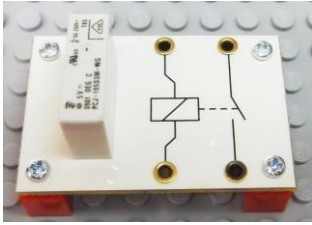
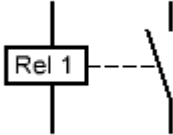
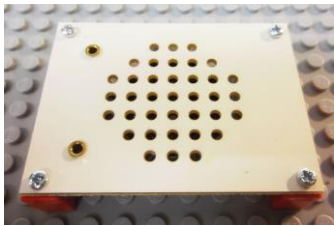
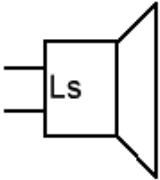
ELEXBO A-Car-Engineering	Elektrotechnik/Elektronik	2
	Beschrieb der elektrischen Bauteile	

11		Temperaturabhängiger Widerstand PTC = Positiv Temperatur Coefficient Bei Temperatursteigerung steigt Widerstand Belastbarkeit 0.25W Werte-Toleranz =5%
12		Lichtabhängiger-Widerstand LDR 26k bei Helligkeit 600kOhm bei Dunkelheit
13 14		NPN Transistor BC548C Max. Kollektorstrom = 100 mA Belastbarkeit 0.65 W $H_{FE} = 100$
15		PNP Transistor BC557A Max. Kollektorstrom = 100 mA Belastbarkeit 0.65 W $H_{FE} = 100$
16		Thyristor BT148-600R Max. Strom = 2.5A Belastbarkeit 5W Gate-Spannung =
17		Kondensator 10 nF 10 Nano Farad = 0.000'000'010 Farad Max. Spannung = 63 V
18		Kondensator 33nF 33 Nano Farad = 0.000'000'033 Farad Max. Spannung = 63 V
19		Kondensator 1μF 1 Mikro Farad = 0.000'001Farad Max. Spannung = 50 V

ELEXBO A-Car-Engineering	Elektrotechnik/Elektronik	3
	Beschrieb der elektrischen Bauteile	

20 21			Elektrolyt-Kondensator 47µF 47 Mikro Farad = 0.000'047 Farad Max. Spannung = 16 V
22 23			Diode 1N 4007 Max. Strom 1 A Max. Spannung 1000 V
24			Zenerdiode 3.9V (1N5335B) Sperrt bis 3.9 V Spannung in Gegenrichtung Max. Strom in Sperrrichtung = 1.2 A
25			LED rot Belastbarkeit 0.5W Werte-Toleranz =5%
26			LED grün Belastbarkeit 0.5W Werte-Toleranz =5%
27 28			Taster Belastbarkeit 0.5W Werte-Toleranz =5%
29 30			Kippschalter (Wechsler) Belastbarkeit 0.5W Werte-Toleranz =5%
31 32			Lampe Belastbarkeit 0.5W Werte-Toleranz =5%

ELEXBO A-Car-Engineering	Elektrotechnik/Elektronik	4
	Beschrieb der elektrischen Bauteile	

33			IC = Integrated Circuit IC NE555 Belastbarkeit 0.5W Werte-Toleranz =5%
34			Potentiometer 220 Ohm Belastbarkeit 0.5 W Werte-Toleranz =5%
35			Potentiometer 22 kOhm Belastbarkeit 0.5 W Werte-Toleranz =5%
36			Potentiometer 100 kOhm Belastbarkeit 0.5 W Werte-Toleranz =5%
37			Relais Belastbarkeit 0.5 W Schliesser
38			Lautsprecher Impedanz = 8 Ohm Belastbarkeit 0.5W Werte-Toleranz =5%