

Bestueckliste_MPS_V4

lotNumber	quantity	remarks	part.name	part.description	part.storageLocation.name	part.footprint.name
C1; C6; C7	3	Back	22uF Keramik Kondensator	Kondensator_SMD_0603	SMD_BOX047	603
C2; C3; C8; C9; C12; C13; C14; C15	8	Back	100nF Keramik Kondensator	Kondensator_SMD_0603	SMD_BOX046	603
C4; C5	2	Back	10uF Tantalum Kondesator	Kondensator_SMD_Case:R	SMD_BOX002	CASE-R_2012
C10; C11	2	Back	22pF Keramik Kondensator	Kondensator_SMD_0603	SMD_BOX048	603
D5; D6	2	Back	USCD024H	Schottky Barrier Diodes (SBD) 0603	SMD_BOX050	603
L1	1	Back	4.7uH Spule	Spule_SMD_0806	SMD_BOX049	806
Q1; Q2	2	Back	BCX56-16U	Transistor SMD 1A	SMD_BOX010	SOT-89 (SOT-89-3)
R1	1	Back	Widerstand 4.7Ω	Widerstand_SMD_0603	SMD_BOX032	603
R2; R9; R14; R15	4	Back	Widerstand 1kΩ	Widerstand_SMD_0603	SMD_BOX042	603
R3; R7	2	Back	Widerstand 110Ω	Widerstand_SMD_0603	SMD_BOX025	603
R4; R8	1	Back	Widerstand 82Ω	Widerstand_SMD_0603	SMD_BOX045	603
R5	1	Back	Widerstand 210kΩ	Widerstand_SMD_0603	SMD_BOX043	603
R6	1	Back	Widerstand 68kΩ	Widerstand_SMD_0603	SMD_BOX044	603
R10; R11; R12; R13; R18	5	Back	Widerstand 56Ω	Widerstand_SMD_0603	SMD_BOX033	603
R16	1	Back	Widerstand 10kΩ	Widerstand_SMD_0603	SMD_BOX041	603
R17	1	Back	Widerstand 100Ω	Widerstand_SMD_0603	SMD_BOX034	603
U1	1	Back	LM1117IMPX-3.3	Linear Voltage Regulators 3,3V 0,8A	SMD_BOX003	SOT-223
U3	1	Back	LM1117S-5.0	Linear Voltage Regulator 5V 1A	SMD_Tray02_BOX002	SOT-223
Y1	1	Back	CSTCE16M0V53-R0	16 MHz SMD Crystal	SMD_BOX030	3.2*1.3
D1	1	Top	LED_SMD_Grün	SMD Grün 0805	SMD_BOX001	SMD_0805
D2	1	Top	LED_SMD_Rot	SMD Rot 0805	SMD_BOX008	SMD_0805
D3; D4	2	Top	LED_SMD_Weiß	SMD Weiß 0805	SMD_BOX007	SMD_0805
J1	1	Top	SMD_FFC_FPC	1.0mm 10 Pin	SMD_Tray02_BOX003	SMD-FFC_1.0mm
SW1	1	Top	G66 Switch.5.2*5.2*1.5.3.43N	SMD_Tactile_Switch	SMD_BOX026	null
U2	1	Top	G5177CF11U	DC-DC Converters Step-Up	SMD_BOX052	SOP-8_150mil
U4	1	Top	ATMEGA328P-AU	8-Bit Mikrocontroller - MCU 32KB	SMD_BOX027	TQFP-32_7x7x08P
U5; U6	2	Top	KIA4603A	MOSFET N-Channel 30V 7A	SMD_BOX051	SOP-8_150mil