

Sheet1						
Part Type	Designator	Footprint	Menge	Description	Distributor	Art. No.
Testpunkt +3.3V	TP2	TP	2	Testpin ker. 1.3mm ge	DISTRELEC	45 05 72
Testpunkt +5V	TP1	TP		Testpin ker. 1.3mm ge		
Testpunkt +12V	TP3	TP	2	Testpin ker. 1.3mm ws	DISTRELEC	45 05 70
Testp. Ref+2.5V	TP7	TP		Testpin ker. 1.3mm ws		
Testpunkt -5V	TP5	TP	3	Testpin ker. 1.3mm bl	DISTRELEC	45 05 78
Testpunkt -12V	TP4	TP		Testpin ker. 1.3mm bl		
Testp. Ref-2.5V	TP6	TP		Testpin ker. 1.3mm bl		
1E2	R45, R50	E-1206	2	SMD- Schichtwid. 1% 1E2	FARNELL	923 65 38
100E	R36, R40	E-1206	2	SMD- Schichtwid. 1% 100E	div.	
120E1%	R1, R4	E-1206	2	SMD- Schichtwid. 1% 120E	div.	
270E	R51	E-1206	1	SMD- Schichtwid. 1% 270E	div.	
330E	R53, R52, R54, R55	E-1206	4	SMD- Schichtwid. 1% 330E	DISTRELEC	71 12 86
820E1%	R3, R6	E-1206	2	SMD- Schichtwid. 1% 820E	div.	
1k	R22, R27, R32, R17	E-1206	4	SMD- Schichtwid. 1% 1K	DISTRELEC	71 12 92
1k8 1%	R43, R48	E-1206	2	SMD- Schichtwid. 1% 1K8	div.	
4k7 1%	R42, R47	E-1206	2	SMD- Schichtwid. 1% 4K7	div.	
12k	R7, R10, R100, R101	E-1206	4	SMD- Schichtwid. 1% 12K	DISTRELEC	71 13 05
13k	R9, R12	E-1206	2	SMD- Schichtwid. 1% 13K	div.	
15k 1%	R33, R34, R37, R38	E-1206	4	SMD- Schichtwid. 1% 15K	DISTRELEC	71 13 06
22k 1%	R46, R41	E-1206	2	SMD- Schichtwid. 1% 22K	div.	
33k	R13, R16, R18, R21, R23, R26, R28, R31	E-1206	8	SMD- Schichtwid. 1% 33K	DISTRELEC	71 13 10
91k	R14, R19, R24, R29	E-1206	4	SMD- Schichtwid. 1% 91K	FARNELL	115 33 43
500E	R2, R5	POT12T	2	CERMET-Pot. 12T 500E	DISTRELEC	74 23 90
5k (Cermet-10G)	R8, R11	POT12T	2	CERMET-Pot. 12T 5k	DISTRELEC	74 23 96
50k (Cermet-10G)	R35, R39, R44, R49	POT12T	4	CERMET-Pot. 12T 50k	DISTRELEC	74 24 02
	R15, R20, R25, R30	Trim	4	Trimpot. 20k	FARNELL	886 68 99
8x100E	RN1	RNET8	1	SMD SO-Wid.-netzwerk	DISTRELEC	71 09 04
47pF	C29, C30, C100, C101, C104, C105	E-0805	6	SMD-Ker.-kond. 50V 47pF	DISTRELEC	83 14 20
56pF	C31, C33, C35, C37	E-0805	4	SMD-Ker.-kond. 50V 68pF(56)	DISTRELEC	83 14 22
1nF	C32, C34, C26, C36, C38, C28	E-0805	6	SMD-Ker.-kond. 50V 1nF	DISTRELEC	83 14 48
10nF	C40, C39	E-0805	2	SMD-Ker.-kond. 50V 10nF	DISTRELEC	83 14 62
100nF	C22, C24, C42, C46, C49, C41, C43	E-1206	11	SMD-Ker.-kond. 50V 100nF	DISTRELEC	83 15 46
100nF	C48, C45, C44, C47	E-1206				
220nF	C2, C7, C11, C14, C17, C25, C27, C50, C51	E-1210	16	SMD-Ker.-kond. 50V 220nF	DISTRELEC	83 06 88
220nF	C52, C53, C54, C55, C56, C57, C58	E-1210				
1uF Ta	C12	3528	1	SMD Ta-Elko 1uF / 16V	DISTRELEC	81 09 78
10uF Ta	C3, C4, C8, C9, C13, C21, C23	3528	7	SMD Ta-Elko 10uF / 20V	DISTRELEC	81 21 37
10uF	C18		1	SMD-Elko 10uF / 25V	DISTRELEC	80 11 67
100uF/25V	C15, C102, C103	Elko-0.1k	3	SMD-Elko 100uF / 35V	DISTRELEC	80 11 53
220uF	C5, C10	Elko-F80	2	SMD-Elko 220uF / 16V	DISTRELEC	80 27 62
1000uF/10V	C16	Elko-1k	1	SMD-Elko 1000uF / 10V	DISTRELEC	80 07 33
10'000uF	C1, C6	BIGELKO	2	Elko 25x30mm 10mF/ 25V	DISTRELEC	80 20 30
100uH / 2A	L1	Drossel	1	SMD-Drossel WE-PD4	DISTRELEC	33 52 00
BAV99	D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17	BAV99	12	Dual-Schottky-Diode SOT23	DISTRELEC	60 36 52
1N4007	D3, D4	D4007	2	Diode 1A / 1000V	DISTRELEC	60 00 98
S-Diode 5A / 0.5V	D1, D2	SB540	2	Schottky Diode 5A	DISTRELEC	60 18 00
STPS340S (SMD,3A)	D5	STPS340	1	SMD Schottky Diode 3A	DISTRELEC	60 21 14
B80C3700	G1, G2	B80C2200	2	Gleichrichter 80V / 2.5A SIL	DISTRELEC	60 22 82
STAT (1-4)	LD1, LD2, LD3, LD4	E-LED	4	SMD-Led orange 1206	DISTRELEC	25 02 46
P-ON	LD5	E-LED		SMD-Led grün 1206	DISTRELEC	25 02 47
MC7905CT	V4	MC7905CT	1	V-Regler -5V / 1A	DISTRELEC	64 46 31
LM1085IT-ADJ	V1, V2	LM1085	2	V-Regler adj. (12V / 3A)	DISTRELEC	64 10 09
LM1086CS-3.3	V3	LM1086CS	1	V-Regler 3.3V / 1A TO263-3	DISTRELEC	64 10 23
LM2576T-5	SR1	LM2576T	1	Schaltregler 5V/3A TO220-5	DISTRELEC	64 13 96
LM675T	U4, U5	LM675T	2	Power-OP TO220-5	FARNELL	948 67 71
TL082	U1, U2	E-DIP8	2	Dual-OP DIL8	DISTRELEC	64 42 46
TL084	U3	SO-14	1	Quad-OP ADTL084JRZ	FARNELL	133 10 22
SN74HCT04 (SO14)	U6	SO-14	1	SMD Hex Inverters	DISTRELEC	64 31 76
DAC7614U	DAC1	DAC7614U	1	DA-Wandler SMD 12Bit	FARNELL	121 22 71
			2	Kühlkörper 8° / W Printmont.	DISTRELEC	65 08 25
			2	Kühlkörper 5° / W Printmont.	DISTRELEC	65 00 92
			1	Steck-Kühlkörper TO220	DISTRELEC	65 01 38
			2	Haltefeder TO220	DISTRELEC	65 01 26
CON60	J2, J3	TFM-60	2	Connector	SIBALCO	TFM-130-01SDL
CON100	J1	TFM-100	1	Connector	SIBALCO	TFM-150-01SDL
RES	SW1	TASTE	1	SMD-Taster	DISTRELEC	20 03 10
SICHERUNG	F1	Fuse	1	Print-Sicherungshalter	DISTRELEC	27 10 06
220V AC	J4b	CON1	1	Kabelverschraub. MBF12/M12	DISTRELEC	50 33 21
			1	Gegenmutter Kunstst. M12	DISTRELEC	50 33 34
			1	Kippschalter ON-ON / 220V	DISTRELEC	20 24 73
			1	Netzkabel 3x0.75/1.6lm Gummi	DISTRELEC	51 36 76 im
2x12V / 42(52)VA	T1	TRAFO	1	Printrafo 2x12V / 2x21VA	DISTRELEC	35 26 30
Analog-In (1-4)	B10, B11, B12, B13	BUCHSE4	19	Hohlните verzinkt	VOGT	B50100050.6(8)
Analog-Out (1+2)	B14, B15	BUCHSE4				
Power-Out1 (1+2)	B16, B17	BUCHSE4				
Digital-I/O(0-7)	B2, B3, B4, B5, B6, B7, B8, B9	BUCHSE4				
Digital-I/O(CLK)	B1	BUCHSE4				
PGND	B18	BUCHSE4				
MISO	BS3	BUCHSE2	7	Hohlните verzinkt	VOGT	B25120025.6(8)
MOSI	BS4	BUCHSE2				
PCS0	BS2	BUCHSE2				
SCK	BS5	BUCHSE2				
E-GND	BS7	BUCHSE2				
E-VCC	BS6	BUCHSE2				
EngCLK	BS1	BUCHSE2				
			4	Büschelstecker 3mm ODU	INELTRO	150.005.100.201.000
JUMPER	JPV	RAD0.2	1	Jumper / bzw. Diode	optional	
			2	Lötösen	DISTRELEC	
			1	Rechnerboard MPC555	ESCATEC	NTB MPC555
			1	Printplatine	divers	555-Analog-IO-Pr