

refdes

3/R1,3/R3
3/R2,3/R4
3/U1,3/U2
3/CONN1
5/J1,5/J2,5/J3,5/J4,5/J5,5/J6
5/U1,5/U2
5/CONN1
6/C1
6/R7
6/R2,6/R3,6/R4,6/R5,6/R6,6/R9
6/R10
6/U1,6/U2,6/U3,6/U4
6/R8
H1,H2,H3,H4,H5,H6,H7,H8
4/CONN10,4/CONN11
4/U1,4/U2,4/U3,4/U4,4/U5
4/CONN3,4/CONN6
4/CONN9
4/S1
4/R7,4/R8
1/CONN1
1/C3,1/C9
1/D1,1/D2,1/D3,1/D4
1/U3
1/U5
1/C11,1/C6
1/L1,1/L2
1/C4,1/C8
1/U2
1/U1
1/CONN2
1/U6
1/R4
1/R3
1/C12,3/C3
1/D5,1/D6
1/C13,3/C1,3/C2,3/C5,3/C6
2/U4
2/C1
2/C2
1/R1,1/R2,2/R1,2/R2,2/R3,2/R5,2/R6,2/R8,2/R9,6/R1
2/CONN1_0,2/CONN2_0,2/CONN3_0,4/CONN1_0,4/CONN2_0,4/CONN4_0,4/CONN7_0,6/CONN1_0,6/CONN2_0
2/R10
2/U7
2/R12
1/C1,1/C10,1/C2,1/C5,1/C7,2/C10,2/C11,2/C12,2/C13,2/C14,2/C15,2/C16,2/C3,2/C4,2/C5,2/C6,2/C7,2/C8,2/C9,3/C4,3/C8,4
2/U1,2/U2,2/U3,2/U5,2/U6
2/R11,2/R4,2/R7

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2/CONN1_1,2/CONN2_1,2/CONN3_1,4/CONN1_1,4/CONN2_1,4/CONN4_1,4/CONN7_1,6/CONN1_1,6/CONN2_1

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| footprint | value | description | qty |
|----------------------|---------------------------|-------------------------------------|-----|
| | 805 | 200 generic resistor | 2 |
| | 805 33k2 | resistor | 2 |
| SO28W | AD976ARZ | Analog-Digital-Wandler | 2 |
| 2x20PIN_WSL_b | MPE 152-2-040-0-MTF-XS0 | connector, 2 col., 40pin | 1 |
| JMP_SMD | Jumper | jumper | 6 |
| SO24W | AD7845JRZ | digital analog converter | 2 |
| 2x7PIN_WSL_b | Wannenstecker 2x7 liegend | 14 pin connector, 2 columns | 1 |
| | 805 47pF | bipolar capacitor | 1 |
| | 805 | 1200 generic resistor | 1 |
| | 805 100K | generic resistor | 6 |
| | 805 | 10 resistor | 1 |
| SO8 | OP07 | unknown | 4 |
| | 805 | 68 generic resistor | 1 |
| hole_M3_plated | Distanz 3mm | plated hole | 8 |
| 2x20PIN_WSL_b | Wannenstecker 40-Pol | Steckverbinder 2x20PIN | 2 |
| SO20 | unknown | unknown | 5 |
| 1x4PIN | XXX | generic 4 pin connector | 2 |
| 1x3PIN | XXX | generic three pin connector | 1 |
| ALPS_EC12E | ALPS EC12E24204A9 | rotational encoder | 1 |
| | 805 10k | resistor | 2 |
| MINI-FIT_JR_556_3PIN | PS-3pin | three pin DC power connector | 1 |
| | 805 100nF | capacitor, SMD | 2 |
| dio_1210 | BAV103 | diode, universal silicon (DUS) | 4 |
| TO220 | 78L12 | fixed positive voltage regulator | 1 |
| TO220 | 79L12 | fixed negative voltage regulator | 1 |
| elko_RM5_D10 | 1000uF,16 V, Panasonic FR | generic polarized capacitor | 2 |
| ind_12x12 | 1000uH | inductor | 2 |
| elko_RM5_D10 | 1000uF,25 V | generic polarized capacitor | 2 |
| SO8 | OP07CD | unknown | 1 |
| SO8 | REF01CSZ | precision voltage reference | 1 |
| PS_2PIN_LAY | PS_2PIN | generic 2 pin connector | 1 |
| TO220 | LM317T | variable positive voltage reference | 1 |
| | 805 XXX | resistor, SMD | 1 |
| | 805 330R | resistor, SMD | 1 |
| elko_RM5_D10 | 1000u/16V | generic polarized capacitor | 2 |
| dio_1812 | M6 | diode, universal silicon (DUS) | 2 |
| | 805 1u | bipolar capacitor | 5 |
| SO8 | TL081 | unknown | 1 |
| | 805 20pF | bipolar capacitor | 1 |
| | 805 100nF | bipolar capacitor | 1 |
| | 805 100k | generic resistor | 10 |
| SMA_edge | SMA/bnc | SMA connector | 9 |
| | 805 100K | resistor | 1 |
| SO8 | LT1167 | unknown | 1 |
| | 805 | 500 generic resistor | 1 |
| | 805 100n | bipolar capacitor | 42 |
| SO8 | OP27 | unknown | 5 |
| BI_MODEL35 | 10k | potentiometer | 3 |

BNC_LAY

sma/BNC

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BNC connector

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