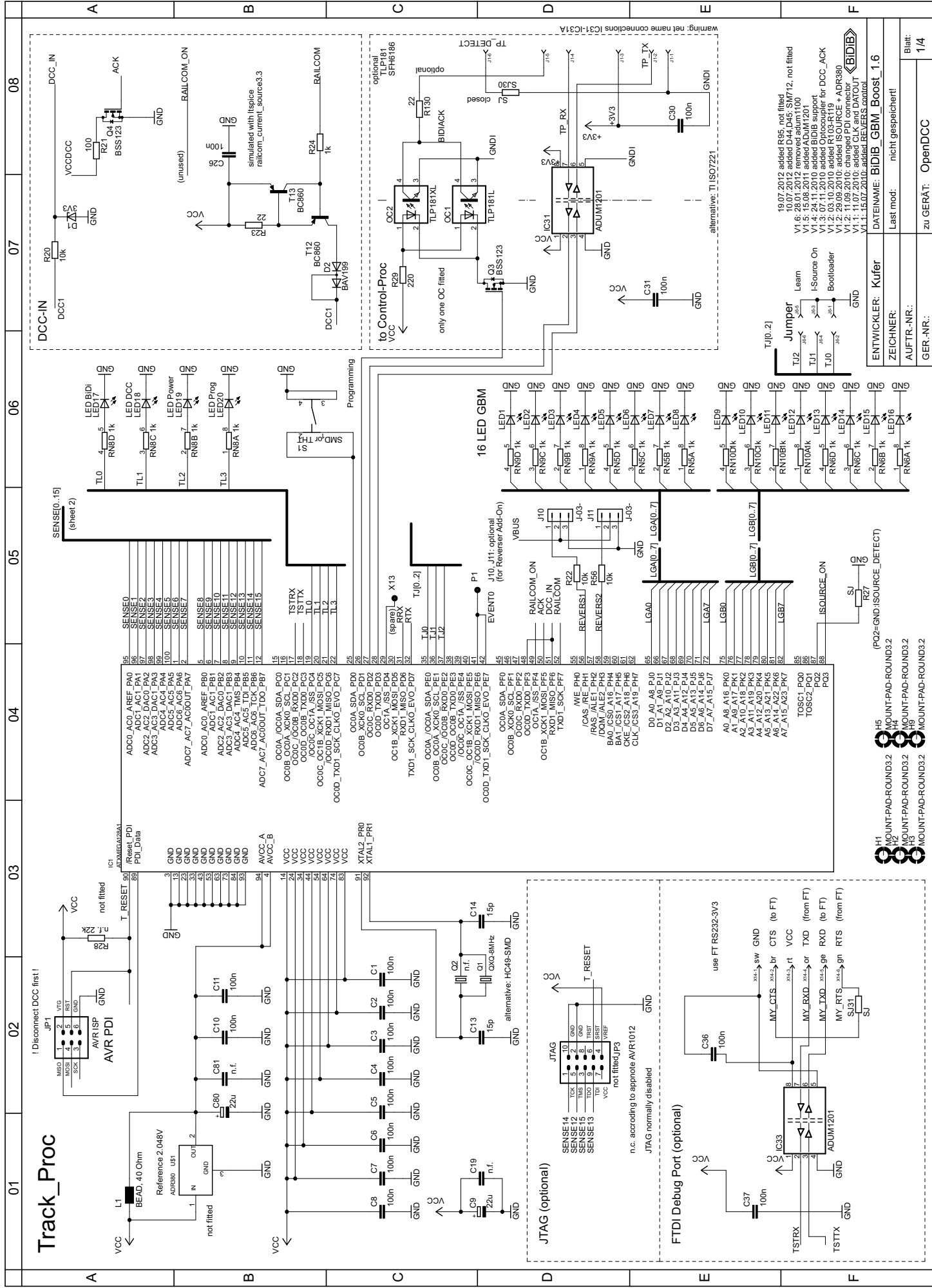


Track_Proc



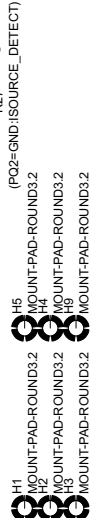
Warning: net name connections IC31-IC31A

alternative: TI ISO7221

19.07.2012 added R95: not fitted
10.07.2012 added D44,D45: SM712, not fitted
V1.6: 15.08.2011 added ADUM1201
V1.5: 15.08.2011 added ADUM1201
V1.4: 24.11.2010 added BIDI support
V1.3: 07.11.2010 added Optocoupler for DCC_ACK
V1.2: 03.10.2010 added RT03-R119
V1.1: 29.09.2010 added ISOURCE + ADP980
V1.1: 11.07.2010: added CLK and DATOUT
V1.1-15.07.2010: added SEVERLS control

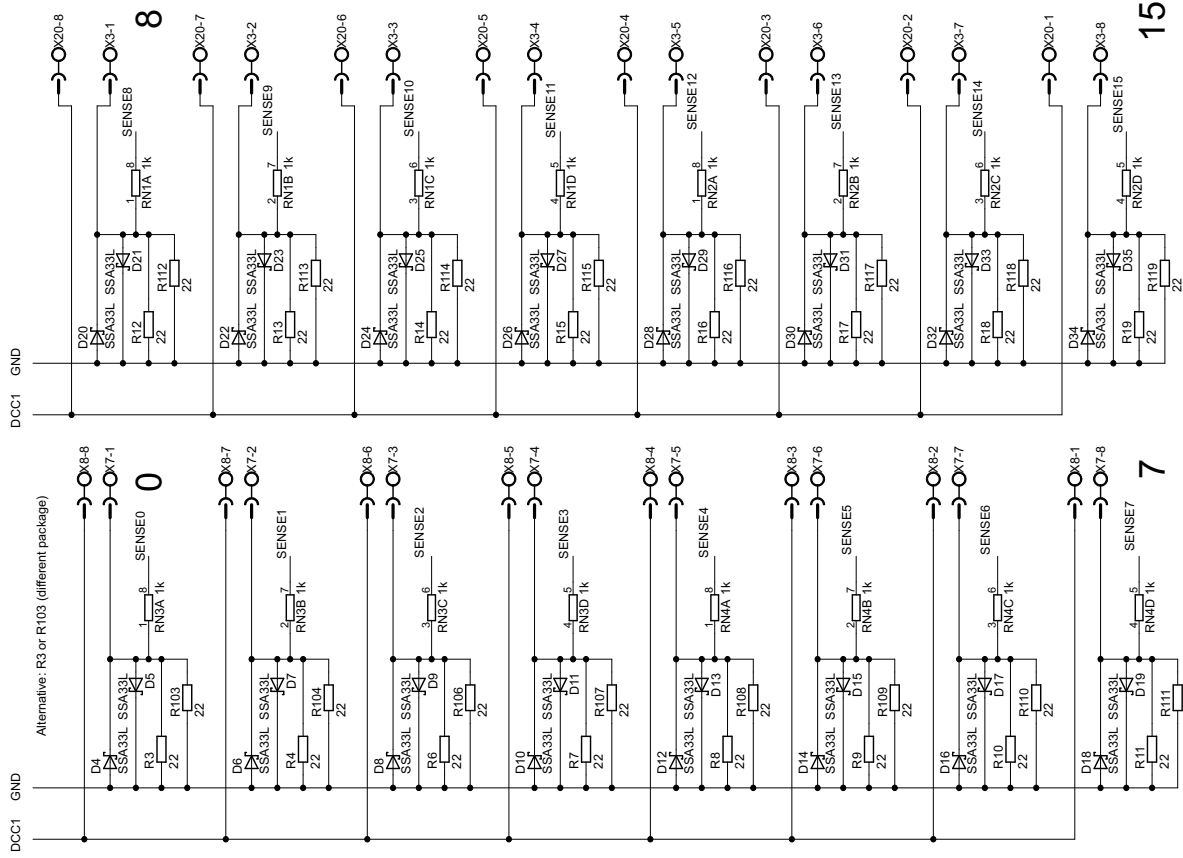
Jumper
TJ0: 2] Learn
TJ1: 2] I-Source On
TJ2: 2] Bootloader

ENTWICKLER: Kuffer
ZEICHNER: nicht gespeichert!
AUFTR.-NR.:
GER.-NR.: OpenDCC
Blatt: 1/4



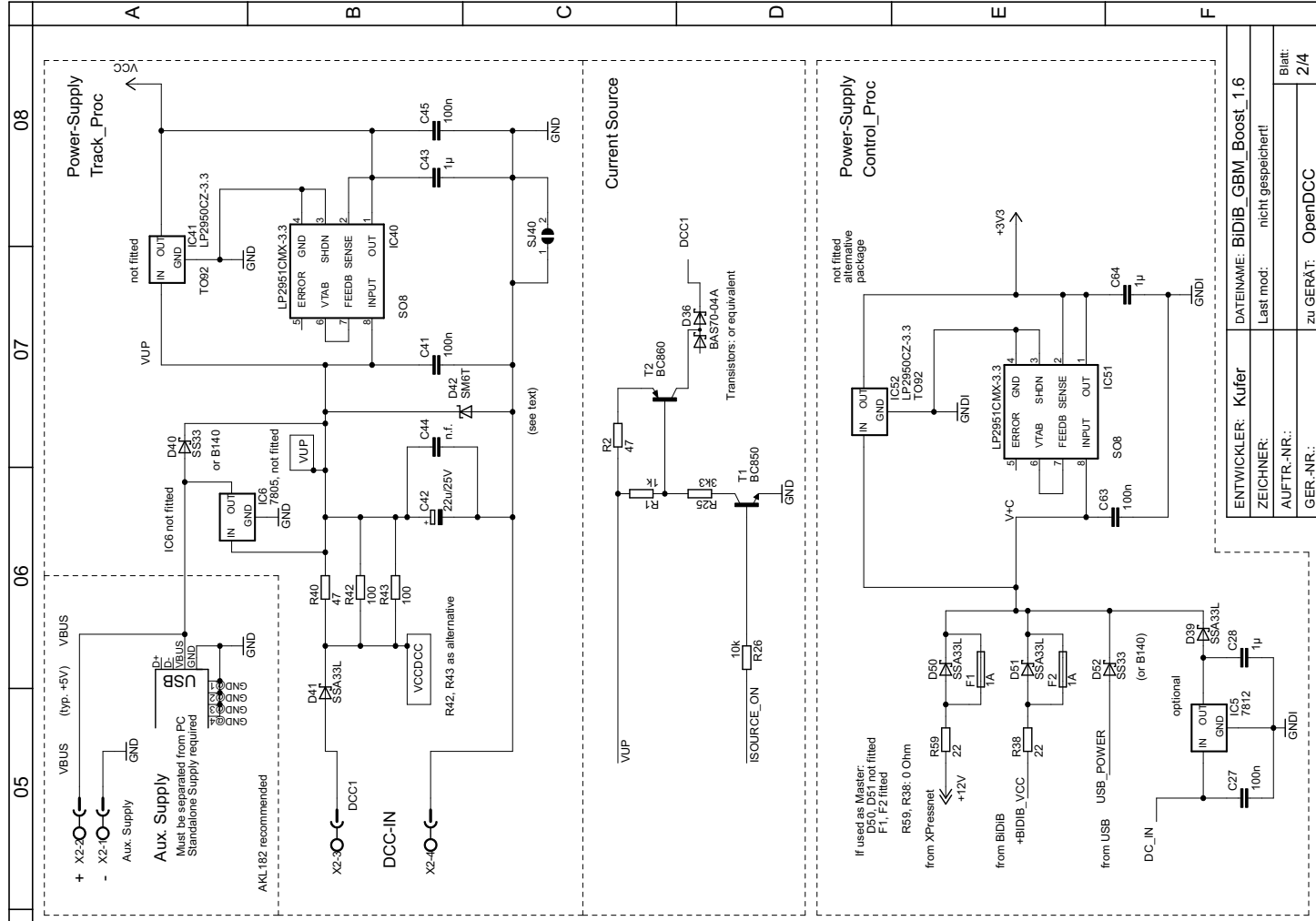
Track, Sensors, Power

Note: for railcom compliance, 5.6 ohms is required



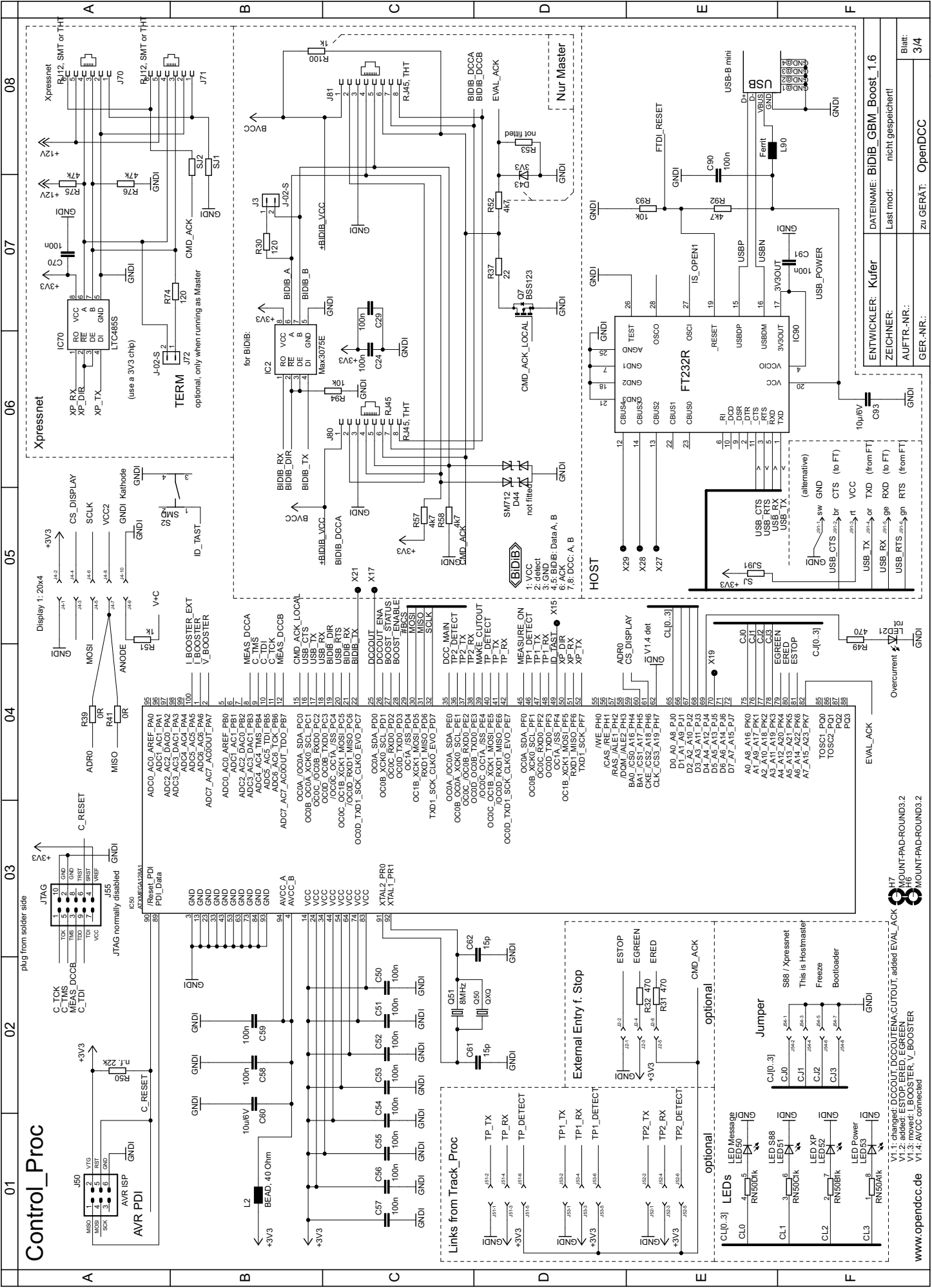
use only SMD, THT-Resistors are not fitted

V1.6: 29.01.2012 swapped connectors to RIA Plug



| | |
|-------------------|--------------------------------|
| ENTWICKLER: Kufer | DATEiname: BiDiB_GBM_Boost_1.6 |
| ZEICHNER: | Last mod: nicht gespeichert! |
| AUFTR.-NR.: | |
| GER.-NR.: | |
| ZU GERÄT: OpenDCC | |
| Blatt: | 2/4 |

Control_Proc



www.opendcc.de

V1.1: changed: DCCOUT, DCCOUTENA, CUTOFF, added EVAL_ACK
 V1.2: added: ESTOP, ERED, EGREEN
 V1.3: moved: L_BOOSTER, V_BOOSTER
 V1.4: AVCC connected

| | |
|--------------------|--------------------------------|
| ENTWICKLER: Kufner | DATEiname: Bidib_GBM_Boost_1.6 |
| ZEICHNER: | Last mod: nicht gespeichert! |
| AUFTR.-NR.: | |
| GER.-NR.: | ZU GERAT: OpenDCC |
| Blatt: 3/4 | |

