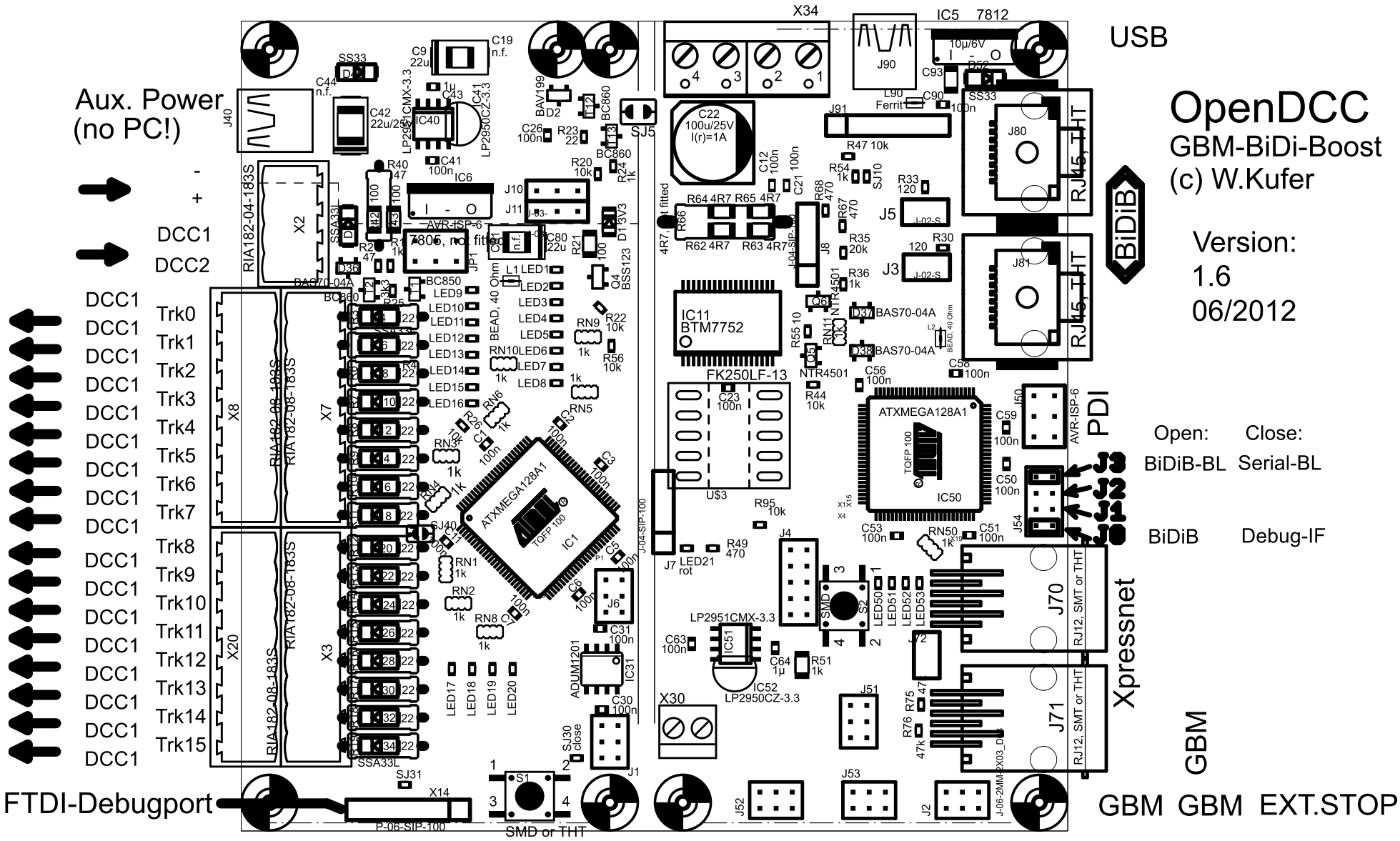
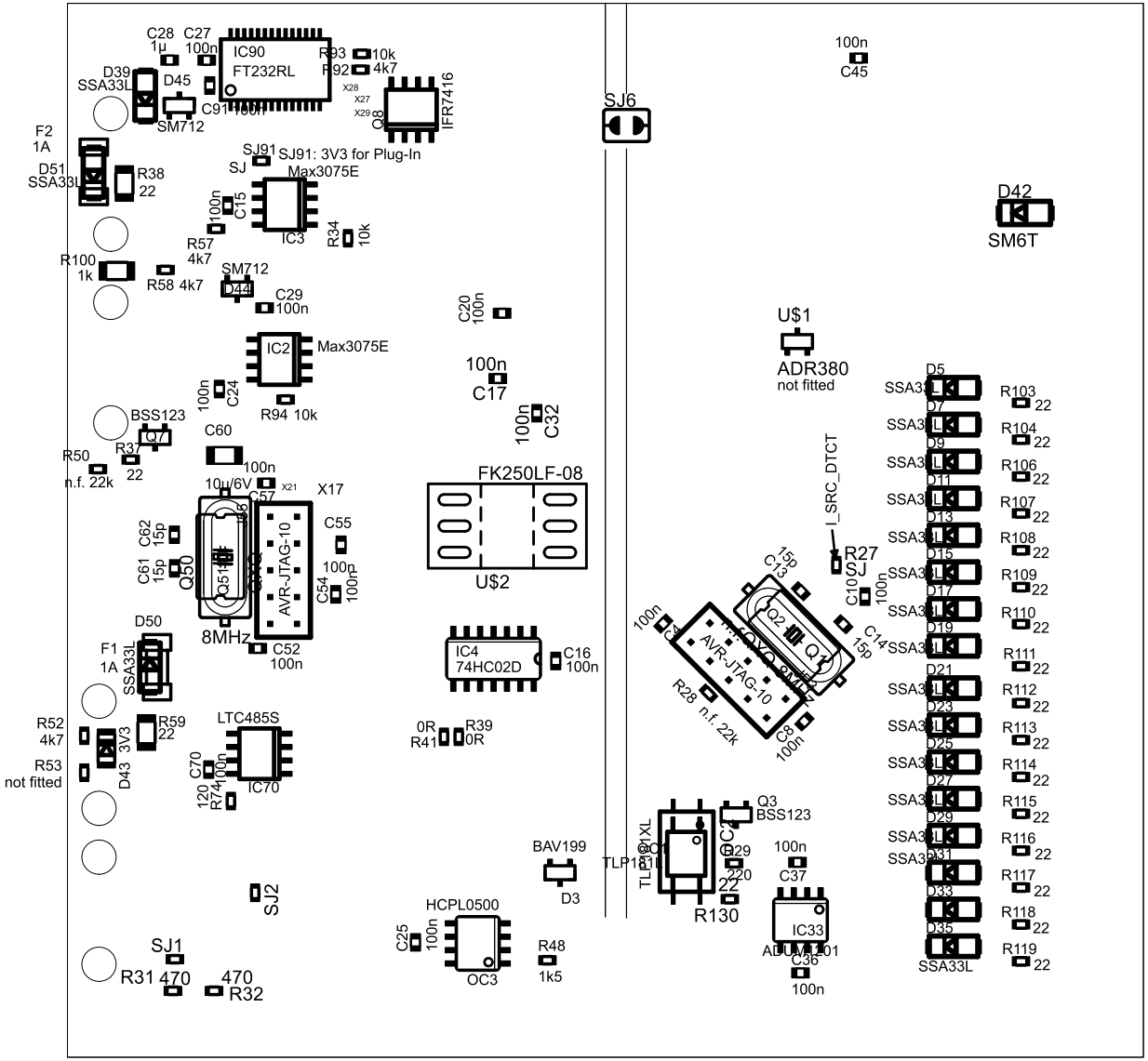
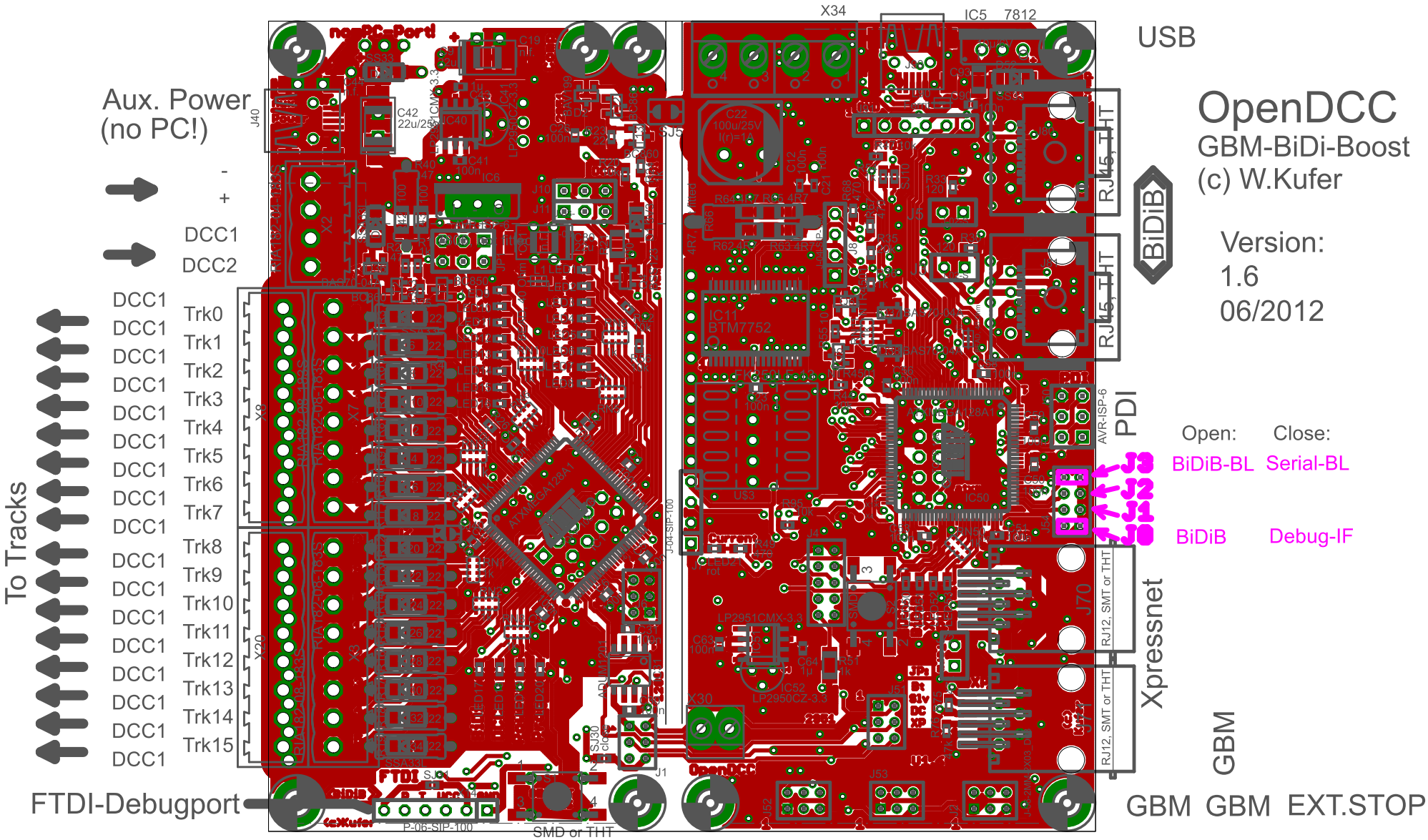
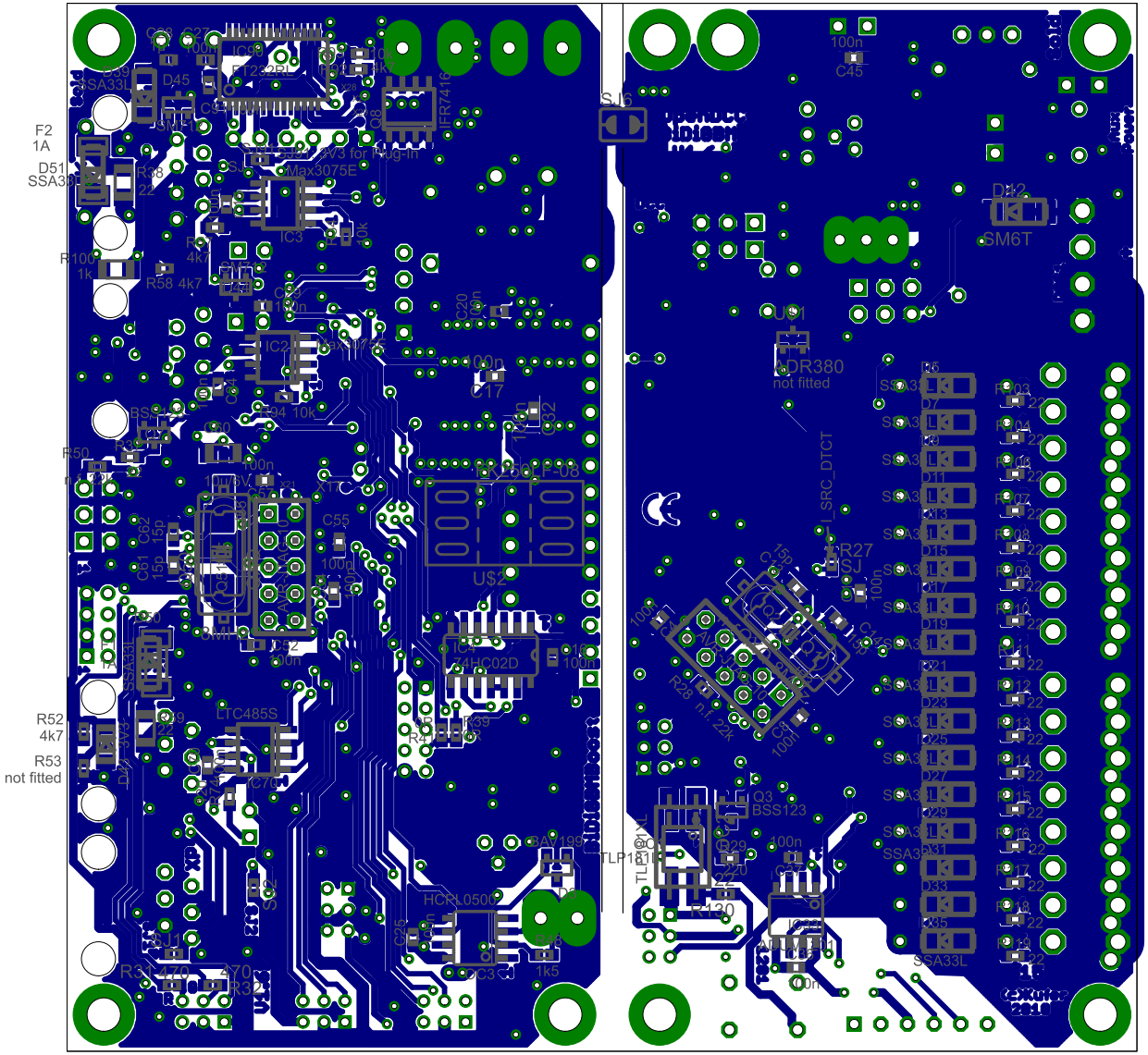

Aux. Power
(no PC!)
DCC1
DCC2
To Tracks
Trk0
Trk1
Trk2
Trk3
Trk4
Trk5
Trk6
Trk7
Trk8
Trk9
Trk10
Trk11
Trk12
Trk13
Trk14
Trk15
FTDI-Debugport
USB
OpenDCC
GBM-BiDi-Boost
(c) W.Kufer
Version:
1.6
06/2012
BiDiB
PDI
Open: Close:
BiDiB-BL Serial-BL
BiDiB Debug-IF
Xpressnet
GBM
GBM GBM EXT.STOP
ATXMEGA128A1
IC11
BTM7752
FK250LF-13
IC50
IC1
X34
IC5 7812
J90
J80
J81
J5
J3
J70
J71
J1
J2
J4
J6
J7
J50
J54
J51
J52
J53
J72
X2
X3
X7
X8
X20
X14
X30
S1
S2
SJ5
SJ31
SJ30
SJ40
SJ10
AVR-ISP-6
RJ45, THT
RJ12, SMT or THT
SMD or THT


C28 1µ
C27 100n
IC90
FT232RL
R93 10k
R92 4k7
D39 SSA33L
D45
C91 100n
SM712
IFR7416
SJ6
100n C45
F2 1A
D51 SSA33L
R38 22
SJ91
SJ91: 3V3 for Plug-In
SJ
Max3075E
C15 100n
IC3
R34 10k
R57 4k7
R100 1k
R58 4k7
SM712
D44
C29 100n
D42
SM6T
C20 100n
IC2
Max3075E
100n C17
U$1
ADR380
not fitted
C24 100n
R94 10k
C32 100n
BSS123
Q7
C60
R50 n.f. 22k
R37 22
100n C57
10µ/6V
X21
X17
FK250LF-08
C62 15p
C61 15p
Q50
Q51
AVR-JTAG-10
C55 100n
C54 100n
U$2
I_SRC_DTCT
R27 SJ
C10 100n
C13 15p
Q2
Q1
C14 15p
8MHz
C52 100n
D50
F1 1A
SSA33L
IC4
74HC02D
C16 100n
100n C9
AVR-JTAG-10
R28 n.f. 22k
C8 100n
R52 4k7
R59 22
LTC485S
0R R41
R39 0R
R53 not fitted
D43 3V3
C70 100n
R74 120
IC70
Q3 BSS123
C4
C29 220
100n C37
TLP191XL
R130 22
BAV199
D3
SJ2
HCPL0500
C25 100n
OC3
R48 1k5
IC33
ADUM4201
C36 100n
SJ1
R31 470
470 R32
D5
SSA33L
R103 22
R104 22
R106 22
R107 22
R108 22
R109 22
R110 22
R111 22
R112 22
R113 22
R114 22
R115 22
R116 22
R117 22
R118 22
R119 22


Aux. Power
(no PC!)
-
+
DCC1
DCC2
To Tracks
DCC1
Trk0
Trk1
Trk2
Trk3
Trk4
Trk5
Trk6
Trk7
Trk8
Trk9
Trk10
Trk11
Trk12
Trk13
Trk14
Trk15
FTDI-Debugport
USB
X34
IC5
7812
OpenDCC
GBM-BiDi-Boost
(c) W.Kufer
Version:
1.6
06/2012
BiDiB
RJ45, THT
RJ45, THT
PDI
AVR-ISP-6
Open:
Close:
J3
BiDiB-BL
Serial-BL
J2
J1
J0
BiDiB
Debug-IF
Xpressnet
RJ12, SMT or THT
RJ12, SMT or THT
GBM
GBM
GBM
EXT.STOP
SMD or THT
P-06-SIP-100
J04-SIP-100
IC11
BTM7752
LP2951CMX-3.3
LP2950CZ-3.3
ATMEGA128A1
FTDI
OpenDCC


F2
1A
D51
SSA33L
R10
1k
R50
R52
4k7
R53
not fitted
R58 4k7
Max3075E
LTC485S
U$2
74HC02D
HCRL0505
BAV199
TLP181
FR7416
SJ6
D42
SM6T
U$1
ADR380
not fitted
R27
BSJ
Q3
BSS123
R30
SSA33L