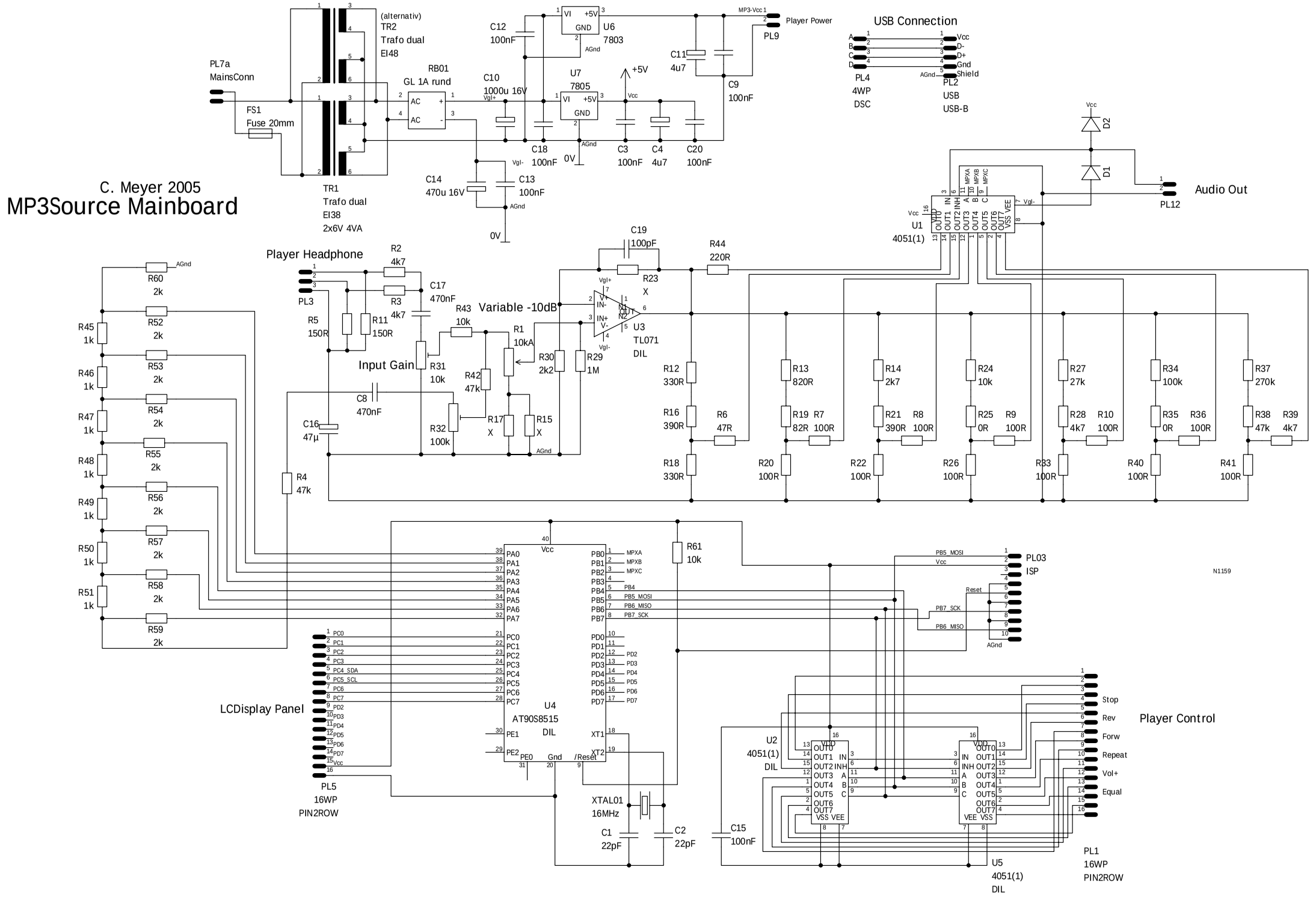

C. Meyer 2005
MP3Source Mainboard
PL7a
MainsConn
FS1
Fuse 20mm
TR1
Trafo dual
EI38
2x6V 4VA
(alternativ)
TR2
Trafo dual
EI48
RB01
GL 1A rund
C14
470u 16V
C13
100nF
C12
100nF
C10
1000u 16V
U6
7803
U7
7805
C18
100nF
C3
100nF
C4
4u7
C20
100nF
C11
4u7
C9
100nF
MP3-Vcc
Player Power
PL9
USB Connection
PL4
4WP
DSC
PL2
USB
USB-B
Vcc
D-
D+
Gnd
Shield
D2
D1
PL12
Audio Out
U1
4051(1)
Player Headphone
PL3
R2
4k7
R3
4k7
C17
470nF
R5
150R
R11
150R
R43
10k
Variable -10dB
R1
10kA
R30
2k2
R29
1M
C19
100pF
R23
X
U3
TL071
DIL
R44
220R
Input Gain
R31
10k
R42
47k
C8
470nF
C16
47µ
R32
100k
R17
X
R15
X
R4
47k
R60
2k
R52
2k
R53
2k
R54
2k
R55
2k
R56
2k
R57
2k
R58
2k
R59
2k
R45
1k
R46
1k
R47
1k
R48
1k
R49
1k
R50
1k
R51
1k
R12
330R
R16
390R
R18
330R
R6
47R
R13
820R
R19
82R
R7
100R
R20
100R
R14
2k7
R21
390R
R8
100R
R22
100R
R24
10k
R25
0R
R9
100R
R26
100R
R27
27k
R28
4k7
R10
100R
R33
100R
R34
100k
R35
0R
R36
100R
R40
100R
R37
270k
R38
47k
R39
4k7
R41
100R
LCDisplay Panel
PL5
16WP
PIN2ROW
U4
AT90S8515
DIL
XTAL01
16MHz
C1
22pF
C2
22pF
R61
10k
PL03
ISP
N1159
U2
4051(1)
DIL
U5
4051(1)
DIL
C15
100nF
Player Control
Stop
Rev
Forw
Repeat
Vol+
Equal
PL1
16WP
PIN2ROW