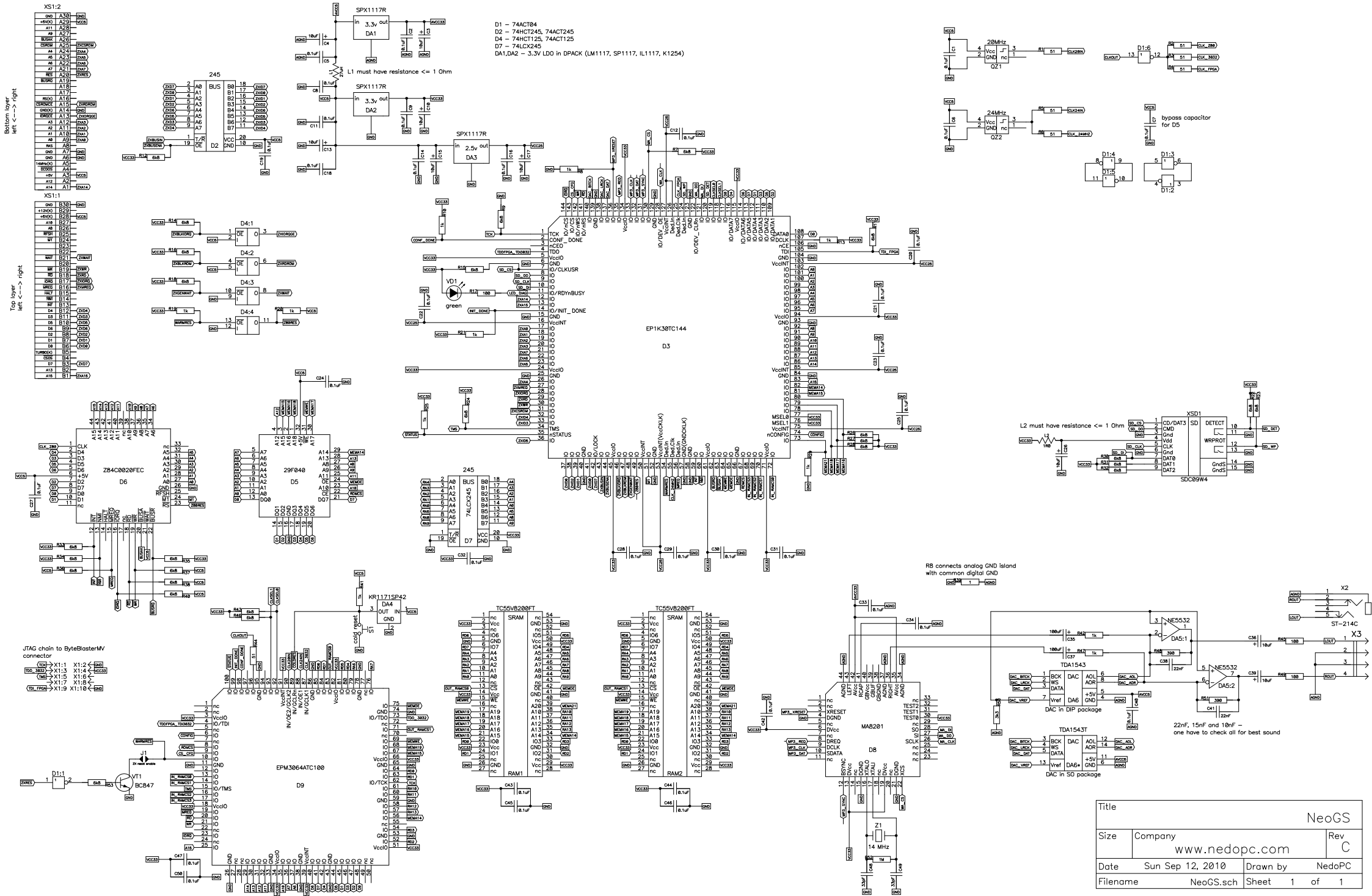
D1 – 74ACT04
D2 – 74HCT245, 74ACT245
D4 – 74HCT125, 74ACT125
D7 – 74LCX245
DA1,DA2 – 3.3V LDO in DPACK (LM1117, SP1117, IL1117, K1254)
L1 must have resistance <= 1 Ohm
L2 must have resistance <= 1 Ohm
R8 connects analog GND island with common digital GND
bypass capacitor for D5
JTAG chain to ByteBlasterMV connector
22nF, 15nF and 10nF – one have to check all for best sound
EP1K30TC144
D3
Z84C0020FEC
D6
29F040
D5
74LCX245
D7
EPM3064ATC100
D9
MA8201
D8
TC55V8200FT
RAM1
RAM2
TDA1543
TDA1543T
DAC in DIP package
DAC in SO package
SDC09W4
XSD1
ST-214C
X3
X2
20MHz
OZ1
24MHz
OZ2
SPX1117R
DA1
DA2
DA3
DA4
KR1171SP42
Z1
14 MHz
green
BC847
VT1
J1
D1:1
D1:2
D1:3
D1:4
D1:5
D1:6
D4:1
D4:2
D4:3
D4:4
XS1:1
XS1:2
Bottom layer
left <--> right
Top layer
left <--> right
Title
NeoGS
Size
Company
www.nedopc.com
Rev
C
Date
Sun Sep 12, 2010
Drawn by
NedoPC
Filename
NeoGS.sch
Sheet 1 of 1