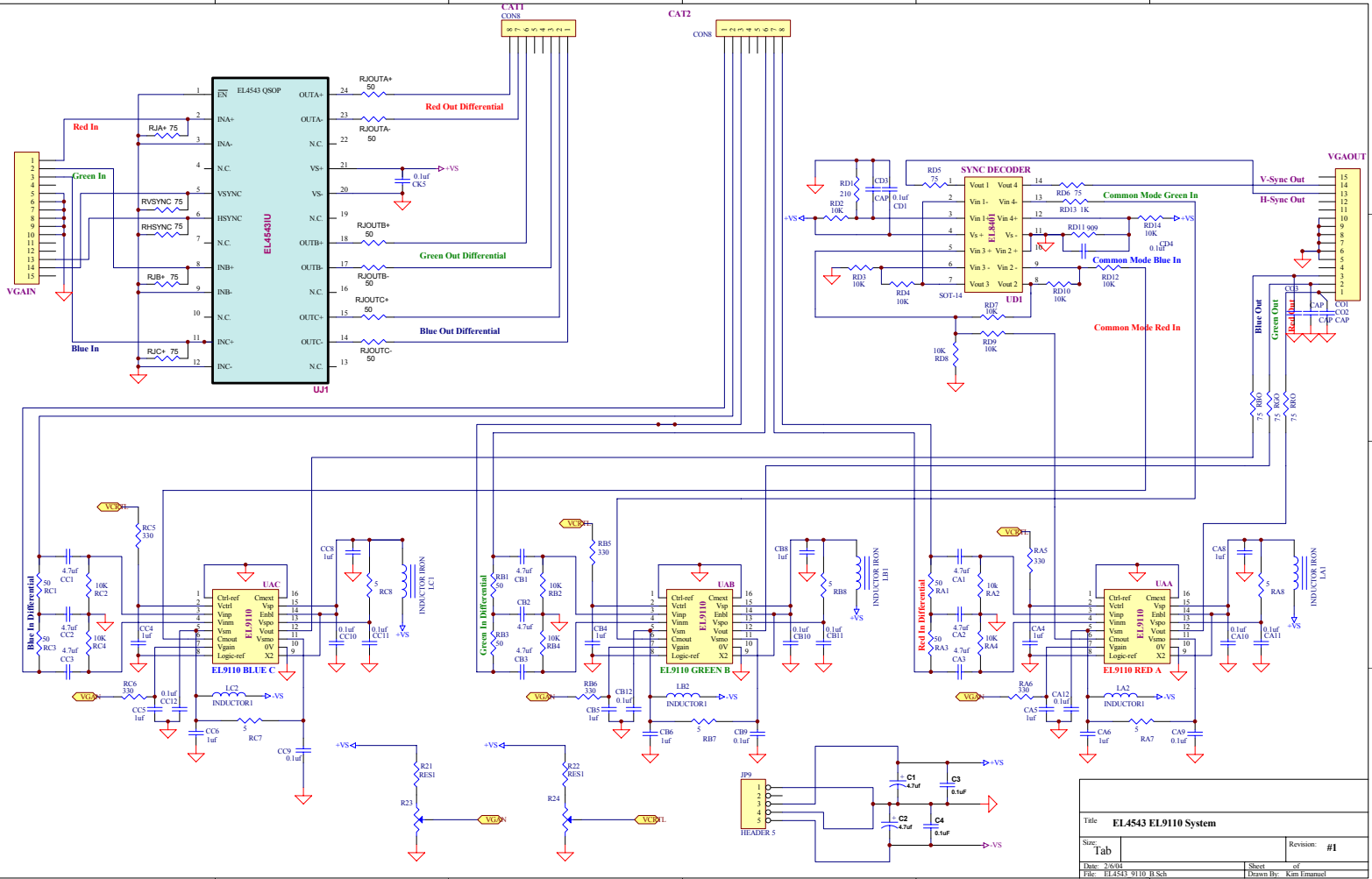
CAT1
CON8
CAT2
CON8
EL4543 QSOP
EL4543IU
UJ1
EN
INA+
INA-
N.C.
VSYNC
HSYNC
N.C.
INB+
INB-
N.C.
INC+
INC-
OUTA+
OUTA-
N.C.
VS+
VS-
N.C.
OUTB+
OUTB-
N.C.
OUTC+
OUTC-
N.C.
RJOUTA+ 50
RJOUTA- 50
RJOUTB+ 50
RJOUTB- 50
RJOUTC+ 50
RJOUTC- 50
Red Out Differential
Green Out Differential
Blue Out Differential
Red In
Green In
Blue In
VGAIN
RJA+ 75
RJB+ 75
RJC+ 75
RVSYNC 75
RHSYNC 75
0.1uf CK5
+VS
SYNC DECODER
EL4401
UD1
SOT-14
Vout 1
Vout 4
Vin 1-
Vin 4-
Vin 1+
Vin 4+
Vs+
Vs-
Vin 3+
Vin 2+
Vin 3-
Vin 2-
Vout 3
Vout 2
RD1 210
RD2 10K
CD2 CAP
CD1 0.1uf
RD5 75
RD6 75
RD13 1K
RD14 10K
RD11 909
CD4 0.1uf
RD3 10K
RD4 10K
RD12 10K
RD10 10K
RD7 10K
RD8 10K
RD9 10K
Common Mode Green In
Common Mode Blue In
Common Mode Red In
V-Sync Out
H-Sync Out
VGAOUT
CO3 CAP
CO1 CAP
CO2 CAP
Blue Out
Green Out
Red Out
75 RBO
75 RGO
75 RRO
Blue In Differential
Green In Differential
Red In Differential
RC1 50
RC2 10K
RC3 50
RC4 10K
CC1 4.7uf
CC2 4.7uf
CC3 4.7uf
RB1 50
RB2 10K
RB3 50
RB4 10K
CB1 4.7uf
CB2 4.7uf
CB3 4.7uf
RA1 50
RA2 10K
RA3 50
RA4 10K
CA1 4.7uf
CA2 4.7uf
CA3 4.7uf
VCCH
RC5 330
RB5 330
RA5 330
UAC
UAB
UAA
EL9110
Ctrl-ref
Vctrl
Vinp
Vinm
Vsm
Cmout
Vgain
Logic-ref
Cmext
Vsp
Enbl
Vspo
Vout
Vsmo
0V
X2
EL9110 BLUE C
EL9110 GREEN B
EL9110 RED A
CC4 1uf
CB4 1uf
CA4 1uf
CC8 1uf
CB8 1uf
CA8 1uf
RC8 5
RB8 5
RA8 5
INDUCTOR IRON LC1
INDUCTOR IRON LB1
INDUCTOR IRON LA1
0.1uf CC10
0.1uf CC11
0.1uf CB10
0.1uf CB11
0.1uf CA10
0.1uf CA11
VCCN
RC6 330
RB6 330
RA6 330
0.1uf CC12
CB12 0.1uf
CA12 0.1uf
LC2 INDUCTOR1
LB2 INDUCTOR1
LA2 INDUCTOR1
CC5 1uf
CB5 1uf
CA5 1uf
CC6 1uf
CB6 1uf
CA6 1uf
RC7 5
RB7 5
RA7 5
CC9 0.1uf
CB9 0.1uf
CA9 0.1uf
R21 RES1
R22 RES1
R23
R24
JP9
HEADER 5
C1 4.7uf
C2 4.7uf
C3 0.1uF
C4 0.1uf
Title
EL4543 EL9110 System
Size:
Tab
Revision:
#1
Date: 2/6/04
Sheet
of
File: EL4543_9110_B.Sch
Drawn By:
Kim Emanuel