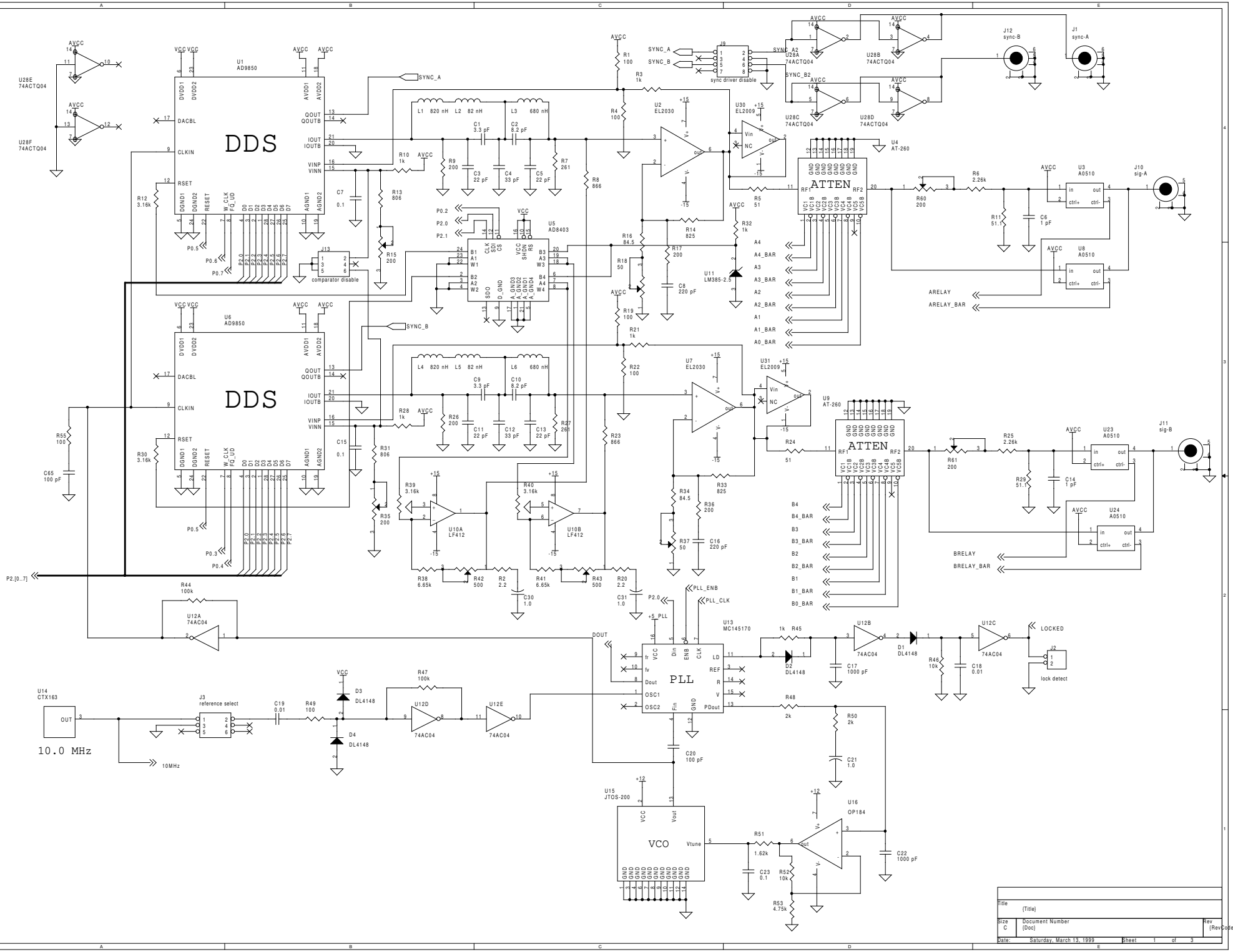
DDS
U1
AD9850
DDS
U6
AD9850
U2
EL2030
U7
EL2030
U5
AD8403
U10A
LF412
U10B
LF412
U30
EL2009
U31
EL2009
U4
AT-260
U9
AT-260
ATTEN
ATTEN
U3
A0510
U8
A0510
U23
A0510
U24
A0510
U11
LM385-2.5
U28A
74ACTQ04
U28B
74ACTQ04
U28C
74ACTQ04
U28D
74ACTQ04
U28E
74ACTQ04
U28F
74ACTQ04
U12A
74AC04
U12B
74AC04
U12C
74AC04
U12D
74AC04
U12E
74AC04
U13
MC145170
PLL
U14
CTX163
10.0 MHz
U15
JTOS-200
VCO
U16
OP184
J1
sync-A
J2
lock detect
J3
reference select
J9
sync driver disable
J10
sig-A
J11
sig-B
J12
sync-B
J13
comparator disable
SYNC_A
SYNC_B
SYNC_A2
SYNC_B2
P2.[0..7]
ARELAY
ARELAY_BAR
BRELAY
BRELAY_BAR
LOCKED
PLL_ENB
PLL_CLK
10MHz
R1 100
R2 2.2
R3 1k
R4 100
R5 51
R6 2.26k
R7 261
R8 866
R9 200
R10 1k
R11 51.1
R12 3.16k
R13 806
R14 825
R15 200
R16 84.5
R17 200
R18 50
R19 100
R20 2.2
R21 1k
R22 100
R23 866
R24 51
R25 2.26k
R26 200
R27 261
R28 1k
R29 51.1
R30 3.16k
R31 806
R32 1k
R33 825
R34 84.5
R35 200
R36 200
R37 50
R38 6.65k
R39 3.16k
R40 3.16k
R41 6.65k
R42 500
R43 500
R44 100k
R45 1k
R46 10k
R47 100k
R48 2k
R49 100
R50 2k
R51 1.62k
R52 10k
R53 4.75k
R55 100
R60 200
R61 200
C1 3.3 pF
C2 8.2 pF
C3 22 pF
C4 33 pF
C5 22 pF
C6 1 pF
C7 0.1
C8 220 pF
C9 3.3 pF
C10 8.2 pF
C11 22 pF
C12 33 pF
C13 22 pF
C14 1 pF
C15 0.1
C16 220 pF
C17 1000 pF
C18 0.01
C19 0.01
C20 100 pF
C21 1.0
C22 1000 pF
C23 0.1
C30 1.0
C31 1.0
C65 100 pF
L1 820 nH
L2 82 nH
L3 680 nH
L4 820 nH
L5 82 nH
L6 680 nH
D1 DL4148
D2 DL4148
D3 DL4148
D4 DL4148
A4
A4_BAR
A3
A3_BAR
A2
A2_BAR
A1
A1_BAR
A0_BAR
B4
B4_BAR
B3
B3_BAR
B2
B2_BAR
B1
B1_BAR
B0_BAR
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Size C
Document Number {Doc}
Rev {RevCode}
Date: Saturday, March 13, 1999
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