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U3 52256CD-70		
U4 52256CD-LP		
U5 MAX522		
U6 LM317		
R2 430		
R1 240		
C3 0.1UF		
C4 0.1UF		
C5 0.1UF		
C6 0.1UF		
C7 0.1UF		
C8 0.1UF		
J2 CON4		
J1 CON22		
C2 2.2UF		
C1 10UF		
U2 EPM7128ALC84		
U1 MC68HC912B32		

VCC		
C2-1 U5-3 U5-7 U6-2 C5-2 U3-28 U4-28 C6-2		
GND		
C2-2 U5-4 C7-1 C8-1 J2-2 J2-4 C3-1 C4-1		
U2-42 U2-82 U2-7 U2-19 U2-32 U2-47 U2-59 U2-72 R2-2		
C1-2 J1-17 J1-18 C5-1 U3-14 U4-14 C6-1		
3.5V		
C3-2 U2-43 C4-2 U2-3 U6-3 C1-1 R1-2 U2-13 U2-66 U2-78		
U2-53 U2-38 U2-26		
LM317 ADJ		
U6-1 R1-1 R2-1		

Multiplexed Address and Data		
AD0		
U1-18 U2-27 U3-11		
AD1		
U1-19 U2-21 U3-12		
AD2		
U1-20 U2-12 U3-13		
AD3		
U1-21 U2-8 U3-15		
AD4		
U1-22 U2-11 U3-16		
AD5		
U1-23 U2-22 U3-17		
AD6		
U1-24 U2-6 U3-18		
AD7		
U1-25 U2-10 U3-19		
AD8		
U1-39 U2-63 U4-11		
AD9		
U1-40 U2-64 U4-12		
AD10		
U1-41 U2-54 U4-13		
AD11		

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U1-42 U2-56 U4-15		
AD12		
U1-43 U2-57 U4-16		
AD13		
U1-44 U2-46 U4-17		
AD14		
U1-45 U2-48 U4-18		
AD15		
U1-46 U2-44 U4-19		

Demultiplexed Address		
A1		
U2-51 U3-10 U4-10		
A2		
U2-33 U3-9 U4-9		
A3		
U2-4 U3-8 U4-8		
A4		
U2-52 U3-7 U4-7		
A5		
U2-76 U3-6 U4-6		
A6		
U2-73 U3-5 U4-5		
A7		
U2-55 U3-4 U4-4		
A8		
U2-17 U3-3 U4-3		
A9		
U2-77 U3-25 U4-25		
A10		
U2-18 U3-24 U4-24		
A11		
U2-75 U3-21 U4-21		
A12		
U2-71 U3-23 U4-23		
A13		
U2-41 U3-2 U4-2		
A14		
U2-70 U3-26 U4-26		
A15		
U2-74 U3-1 U4-1		

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Control lines to Altera		
IRQ		
U1-37 U2-9		
R/W		
U1-36 U2-2		
LSTRB		
U1-35 U2-1		
E		
U1-29 U2-83		
RESET		
U1-32 U2-20		

Control lines to memory		
CS_MEM_ODD		
U2-79 U3-20		
WE		
U2-39 U3-27 U4-27		
OE		
U2-36 U3-22 U4-22		
CS_MEM_EVEN		
U2-37 U4-20		

D/A Converter		
SDATA		
U1-66 U5-8		
SCLK		
U1-67 U5-2		
CS_D/A		
U1-68 U5-1		
OUTA		
U5-5 C8-2 J2-1		
OUTB		
U5-6 C7-2 J2-3		

Expansion Ports		
CEA1		
U2-34 J1-21		
CEA0		
U2-30 J1-19		
EA0		
U2-16 J1-1		
EA1		
U2-29 J1-3		
EA2		
U2-14 J1-5		
EA3		
U2-15 J1-7		
EA4		
U2-69 J1-9		
EA5		

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U2-67 J1-11		
EA6		
U2-65 J1-13		
EA7		
U2-68 J1-15		
CEB1		
U2-31 J1-22		
CEB0		
U2-28 J1-20		
EB0		
U2-25 J1-2		
EB1		
U2-24 J1-4		
EB2		
U2-5 J1-6		
EB3		
U2-9 J1-8		
EB4		
U2-62 J1-10		
EB5		
U2-60 J1-12		
EB6		
U2-61 J1-14		
EB7		
U2-58 J1-16		