| REVISIONS | | | | |
|---|---|---|---|---|
| ZONE | LTR | DESCRIPTION | DATE | APPR. |

DEL1.16

I298 AMZ-DELAY
IN
OUT20
OUT40
OUT60
OUT80
OUT100 VCC_2V5
RHOMBUS

CONTRACLK-K
BUF-M-INCLK-K
BUF-CCLK-K
PROGRAM-K
DONE-K
INIT-K
DIN-K
BUF-WRITE-K
CE-K
BUFT-TDO
TDI-B
TMS-B
TCK-B

J1.16 I22
R603

R4.15 R3.15 R2.15 R1.15

J2.16
SAMTEC-SFMC-107
I265

LED
8XLOCK
3XCONTROL

LAENGE AN JK-BUS ANPASSEN
(JET-FPGA)

R5.16

K-WR-STRB
K-CE
K-WR
TTC-DAT0(2)
TTC-DAT1(2)
TTC-DAT2(2)
TTC-DAT3(2)
TTC-DAT4(2)
TTC-DAT5(2)
TTC-DAT6(2)
TTC-DAT7(2)
K-DAQ1
K-DAQ2
K-ROC1
K-ROC2
K-RDO(11..0)

R-SIL4.16
I148
80MHZ
VSSR_SSOP20

J-RDO(11..0)

JB8
B-JK1(4..0)
B-JK2(4..0)
B-JK3(4..0)
B-JK4(4..0)
R-SIL4.16
I146
J-JK1(4..0)
J-JK2(4..0)
J-JK3(4..0)
J-JK4(4..0)
R-SIL5.16
I145

FOR VERTEX-E (VREF)
VIRTEX 2.5V
XCV150-456
INPUT-FPGA
K
I144
IC1.16

VCCINT=VCC_2V5

VCCO_B0=VCC_2V5
VCCO_B1=VCC_2V5
VCCO_B2=VCC_2V5
VCCO_B3=VCC_2V5
VCCO_B4=VCC_2V5
VCCO_B5=VCC_2V5
VCCO_B6=VCC_2V5
VCCO_B7=VCC_2V5

GND

IC2.16 IK4E_PWRDN
IC2.16 IK4E_REN
IC2.16 IK3E_PWRDN
IC2.16 IK3E_REN
IC2.16 IK2E_PWRDN
IC2.16 IK2E_REN
IC2.16 IK1E_PWRDN
IC2.16 IK1E_REN

IC3.16 IC4.16 IC5.16 IC6.16
IC12.16 IK4H_PWRDN
IC12.16 IK4H_REN
IC12.16 IK3H_PWRDN
IC12.16 IK3H_REN
IC12.16 IK2H_PWRDN
IC12.16 IK2H_REN
IC12.16 IK1H_PWRDN
IC12.16 IK1H_REN
IC7.16 IC8.16 IC9.16 IC10.16

DS92LV1210
DIN
DIN*
RCLK
LOCK*
PWRDN*
REN
REFCLK
RCLK_R/F

VCC_3V3

JB6
R6.16 R7.16 R8.16 R9.16
R10.16 R11.16 R12.16 R13.16
100

K-REFCLK
K-REFCLK*
IC11.16
SN65LVDS9637A
R14.16
PLL-40-K
PLL-40-K*

10UF
47UF
47UF
47UF 47UF 470UF

VCC_2V5
VCC_3V3
VCC_ANA

C46.16 C48.16 C34.16 C47.16 C35.16 C49.16 C1C2.16 C50.16 C53.16 C14.16 C61.16 C62.16 C65.16 C13.16 C23.16 C22.16
C52.16 C6.16 C15.16 C58.16 C64.16 C16.16 C12.16 C51.16 C7.16 C59.16 C60.16 C63.16 C17.16 C70.16 C13.16
C39.16 C54.16 C38.16 C55.16 C18.16 C56.16 C11.16 C57.16 C10.16 C19.16 C68.16 C69.16 C66.16 C67.16 C20.16 C21.16
C26.16 C27.16 C28.16 C29.16 C30.16 C31.16 C44.16 C32.16 C43.16 C33.16 C35.16 C36.16 C37.16 C38.16 C45.16
C39.16 C40.16 C41.16 C42.16 C25.16 C24.16 C11.16

RESISTORARRAY 100 VISHAY VSSR 1603
RESISTORARRAY 1K VISHAY VSSR 1603 FARNELL 309-9003

PINS U11 AND E11 FOR VIRTEX NOT USE !!!
PINS U11 AND E11 FOR VIRTEX-E NOT CONNECT
ALL CERAMIK CAPACITORS AVX X7R C0403
TANTALUM CAPACITORS AVX TPS 3528
TANTALUM CAPACITORS AVX TPS 6032

UNIVERSITY OF MAINZ

DRAWING TITLE: LVDS1-8_INPUT

| SIZE | REV. | DRAWING NO. |
|---|---|---|
| C | | |
| SCALE | 30.05.2000 | SHEET 7 OF 13 |