REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

DEL1.12

I299 AMZ-DELAY (IN; OUT20; OUT40; OUT60; OUT80; OUT100; RHOMBUS)

CONTRCLK-F, BUF-M-INCLITF, BUF-CCLK-F, PROGRAM-F, DONE-F, INIT-F, DIN-F, BUF-WRITE-F, CE-F, INPUTE-TIQ, INPUTE-TMS-B, TCK-B

J1.12 I22

R4.12 R3.12 R2.12 R1.12 — VCC_2V5, GND — R603

J2.12 SAMTEC-SFMC-107 I265

LED 8XLOCK 3XCONTROL — VCC_2V5, GND

LAENGE AN JF-BUS ANPASSEN (JET-FPGA)

R5.12

F-WR-STRB, F-CE, F-WR

TTC-DAT0(1), TTC-DAT1(1), TTC-DAT2(1), TTC-DAT3(1), TTC-DAT4(1), TTC-DAT5(1), TTC-DAT6(1), TTC-DAT7(1)

F-DAQ1, F-DAQ2, F-ROC1, F-ROC2

F-RDO(11..0), E-RDO(11..0)

R-SIL4.12 I148 VSSR_SSOP20 — 80MHZ

JB5: B-JF1(0..4), B-JF2(0..4), B-JF3(0..4), B-JF4(0..4)

JB6: J-JF1(0..4), J-JF2(0..4), J-JF3(0..4), J-JF4(0..4)

R-SIL5.12 I145

FOR VERTEX-E (VREF)

VIRTEX 2.5V

XCV150-456

INPUT-FPGA

F

I144 IC1.12

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

IF4E_PWRDN, IF4E_REN, IF3E_PWRDN, IF3E_REN, IF2E_PWRDN, IF2E_REN, IF1E_PWRDN, IF1E_REN — IC2.12

IF4E(0..9), IF3E(0..9), IF2E(0..9), IF1E(0..9) — D0..D9 DS92LV1210 — DIN, DIN* — JB4

IF4E_RCLK, IF4E_LOCK, IF3E_RCLK, IF3E_LOCK, IF2E_RCLK, IF2E_LOCK, IF1E_RCLK, IF1E_LOCK — RCLK, LOCK*, PWRDN*, REN, REFCLK, RCLK_R/F — IC3.12, IC4.12, IC5.12, IC6.12

R6.12, R7.12, R8.12, R9.12 — 100 — A12, B12, A14, B14, A16, B16, A18, B18

VCC_3V3

IF4H(0..9), IF3H(0..9), IF2H(0..9), IF1H(0..9) — IC12.12 — IF4H_PWRDN, IF4H_REN, IF3H_PWRDN, IF3H_REN, IF2H_PWRDN, IF2H_REN, IF1H_PWRDN, IF1H_REN

IC7.12, IC8.12, IC9.12, IC10.12 — R10.12, R11.12, R12.12, R13.12 — 100 — D12, E12, D14, E14, D16, E16, D18, E18

F-REFCLK, F-REFCLK* — IC11.12 SN65LVDS9637A — R14.12 — 100 — PLL-40-F, PLL-40-F*

10UF, 47UF, 470UF — C46.12..C70.12, C22.12..C45.12

VCC_2V5, VCC_3V3, VCC_ANA, GND

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 CERAMIF 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