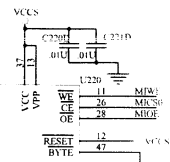


D

8-bit wide mode
HA[17:0] MIA[17:0]
HA[25:18] MID[5:8]
nb. C230D & C231D near
U220



MIA0	25	A0
MIA2	24	A1
MIA3	23	A2
MIA4	22	A3
MIA5	21	A4
MIA6	20	A5
MIA7	19	A6
MIA8	18	A7
MIA9	8	A8
MIA10	7	A9
MIA11	6	A10
MIA12	5	A11
MIA13	4	A12
MIA14	3	A13
MIA15	2	A14
MIA16	1	A15
MIA17	48	A16
MID0	17	A17
MID9	16	A18
MID10	9	A19

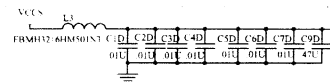
nb. C230D & C231D for core
decoupling
C232D - C235D for
padding decoupling

MIAA	16	CAS
MISA	17	RAS
MIBLS0	14	DOML
MIBLS1	36	DOMU
MICLKEN	34	CKE
MICLK1	35	CLK
MIA1	21	A0
MIA2	22	A1
MIA3	23	A2
MIA4	24	A3
MIA5	27	A4
MIA6	28	A5
MIA7	29	A6
MIA8	30	A7
MIA9	31	A8
MIA10	32	A9
MIA11	20	A10
MIA12	19	A11

A



2



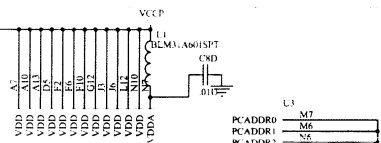
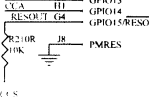
MIA0	A8	MIA0/MIA18
MIA1	C8	MIA1/MIA19
MIA2	B8	
MIA3	A6	MIA3
MIA4	C7	MIA4
MIA5	D7	MIA5
MIA6	C6	MIA6
MIA7	A5	MIA7
MIA8	E6	MIA8
MIA9	D6	MIA9
MIA10	A4	MIA10
MIA11	B4	MIA11
MIA12	C5	MIA12
MIA13	A3	MIA13
MIA14	B3	MIA14
MIA15	C4	MIA15
MIA16	C3	MIA16
MIA17	A2	MIA17

MID9	H13	MID0
MID1	H11	MID1
MID2	F12	MID2
MID3	G13	MID3
MID4	G11	MID4
MID5	G10	MID5
MID6	F11	MID6
MID7	E13	MID7
MID8	E12	MID8
MID9	F9	MID9
MID10	D13	MID10
MID11	D12	MID11
MID12	E11	MID12
MID13	F8	MID13
MID14	C12	MID14
MID15	D11	MID15

MIC0	E10	MIC0
MIC1	B12	MIC1
MIC2	B11	MIC2
MIC3	C11	MIC3
MIC4	B7	MIC4
MIC5	A9	MIC5
MIC6	B8	MIC6

MIBLS0	A12	MIBLS0
MIBLS1	D10	MIBLS1
MIBLS2	H11	MIBLS2
MIBLS3	A11	MIBLS3
MIBLS4	E8	MIBLS4
MIBLS5	C9	MIBLS5
MIBLS6	B9	MIBLS6
MIBLS7	D9	MIBLS7

MISA	C10	MISA
MIAA	B10	MIAA
PA_PL	C1	GPI00/UDSR
MD_RDY	D2	GPI01/UDCK
RADIO_PDF5	F5	GPI02/UDCK
LED_ETHES	F5	GPI03/UDCK
TX_FE	D1	GPI04/UDCK
MIC	F3	GPI05/MDC
MIO	E4	GPI06/MIO
MAX_RSTH	GPI07	
TX_SW	F3	GPI08/CLK
TX_SW	F3	GPI09/CLK
MIC1_KEN1_F1	F4	GPI10/CLK
PE1	F4	GPI11/CLK
PE2	F4	GPI12/CLK
CAL_EN	G1	GPI13/CLK
SCA	G1	GPI14/CLK
RESOUT	G4	GPI15/RESOUT

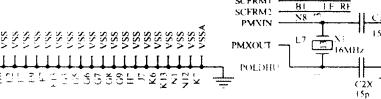


PCADDR0	M7	PCADDR0
PCADDR1	M6	PCADDR1
PCADDR2	N6	PCADDR2
TXCLK/PCADDR3	L6	TXCLK
RXDVP/PCADDR4	L8	RXDVP
RXDVP/PCADDR5	L8	RXDVP
RXDVP/PCADDR6	N9	RXDVP
COL/PCADDR7	K8	COL
PCADDR8	K8	PCADDR8
PCDATA0	M12	PCDATA0
PCDATA1	N11	PCDATA1
PCDATA2	L11	PCDATA2
PCDATA3	M13	PCDATA3
PCDATA4	K10	PCDATA4
PCDATA5	N9	PCDATA5
PCDATA6	L13	PCDATA6
PCDATA7	K11	PCDATA7
PCDATA8	K12	PCDATA8
PCDATA9	H9	PCDATA9
PCDATA10	J11	PCDATA10
PCDATA11	J10	PCDATA11
PCDATA12	J10	PCDATA12
PCDATA13	J13	PCDATA13
PCDATA14	J10	PCDATA14
PCDATA15	J10	PCDATA15

PCOR0	H8	PCOR0
PCOR1	N11	PCOR1
PCOR2	L10	PCOR2
PCOR3	N11	PCOR3
PCOR4	L10	PCOR4
TXER/PCOR5	K5	TXER
PCOR6	K9	PCOR6
TXD2/PCOR7	L5	TXD2
PCOR8	N5	PCOR8
PCOR9	M5	PCOR9
TXD3/PCOR10	L1	TXD3
BPTXACT	L2	BPTXACT
BPTXACT	K3	BPTXACT
BPTXACT	H6	BPTXACT

BPTXACT	M1	BPTXACT
BPTXACT	M2	BPTXACT
BPTXACT	L3	BPTXACT
BPTXACT	J4	BPTXACT
TXD0/ENTXD0	M4	TXD0
TXD1/ENTXD1	N4	TXD1
TXD2/ENTXD2	L4	TXD2
TXD3/ENTXD3	M3	TXD3
TXD4/ENTXD4	N3	TXD4
TXD5/ENTXD5	N2	TXD5
TXD6/ENTXD6	K4	TXD6

TXD7/ENTXD7	H4	TXD7
TXD8/ENTXD8	H5	TXD8
TXD9/ENTXD9	J2	TXD9
TXD10/ENTXD10	J1	TXD10
TXD11/ENTXD11	H1	TXD11
TXD12/ENTXD12	K1	TXD12
TXD13/ENTXD13	K2	TXD13
TXD14/ENTXD14	K3	TXD14
TXD15/ENTXD15	K4	TXD15



5

TX DATA	TX DATA
TX CLK	TX CLK
TX PE	TX PE

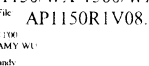
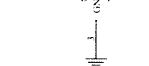
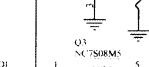
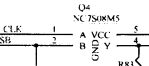
RX DATA	RX DATA
RX CLK	RX CLK
MD_RDY	MD_RDY
RX PE	RX PE

S DATA	S DATA
SDI	SDI
S CLK	S CLK
CSB	CSB
LE IF	LE IF
LE RF	LE RF

PA PE	PA PE
RADIO_PD	RADIO_PD

TR SW	TR SW
TR SW*	TR SW*
PE1	PE1
PE2	PE2
CAL_EN	CAL_EN
CAL_A	CAL_A
RESOUT	RESOUT

S CLK	S CLK
CSB	CSB
SDI	SDI
SD RF IF	SD RF IF



GEMTEK Technology co.,Ltd

AP-1150/WX-1500/WX-1520

AP1150R1V08.SCH

DESIGN: Randy

Revision: Sheet 1 of 7

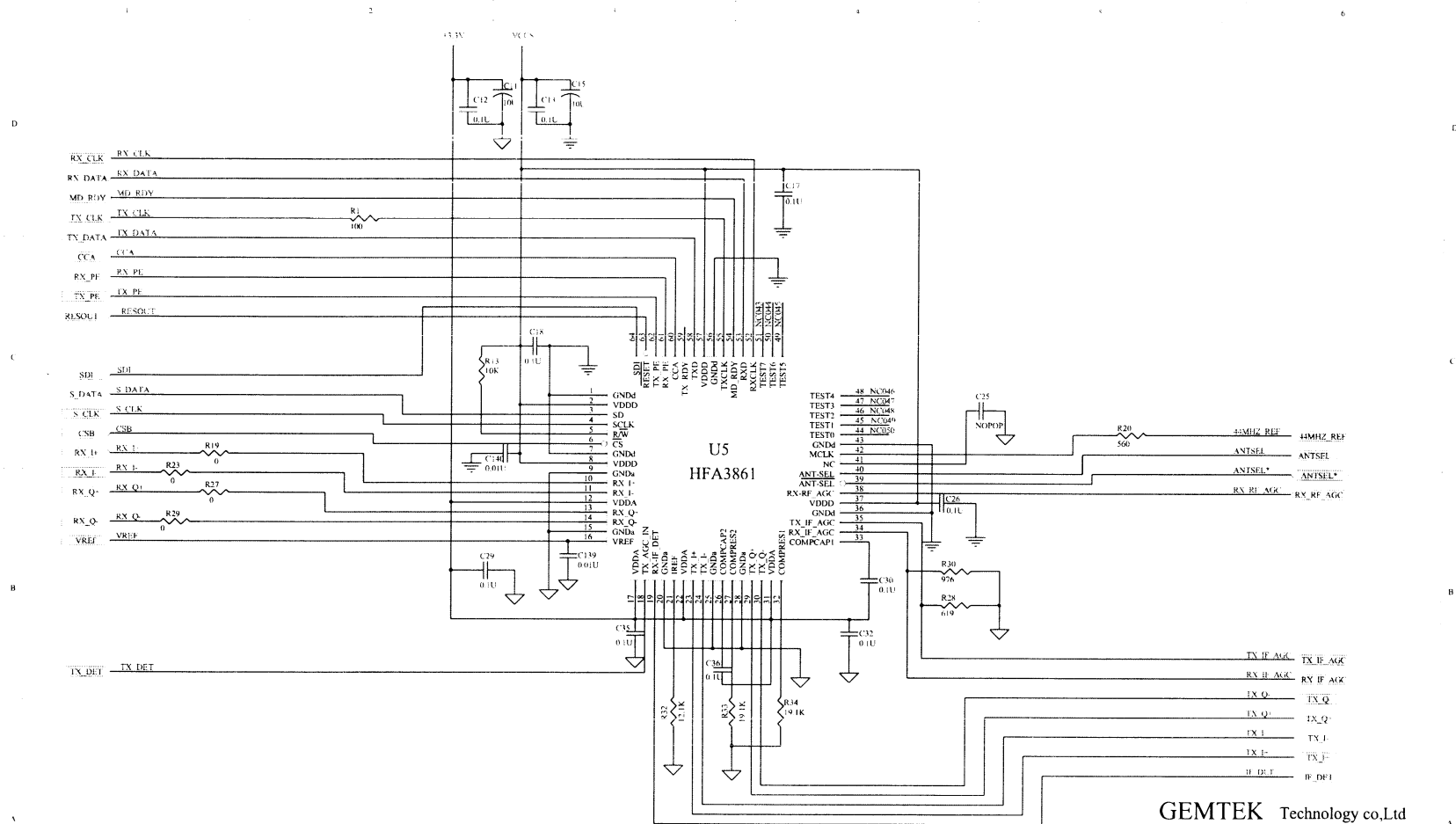
APPV: Neither

D

C

B

A

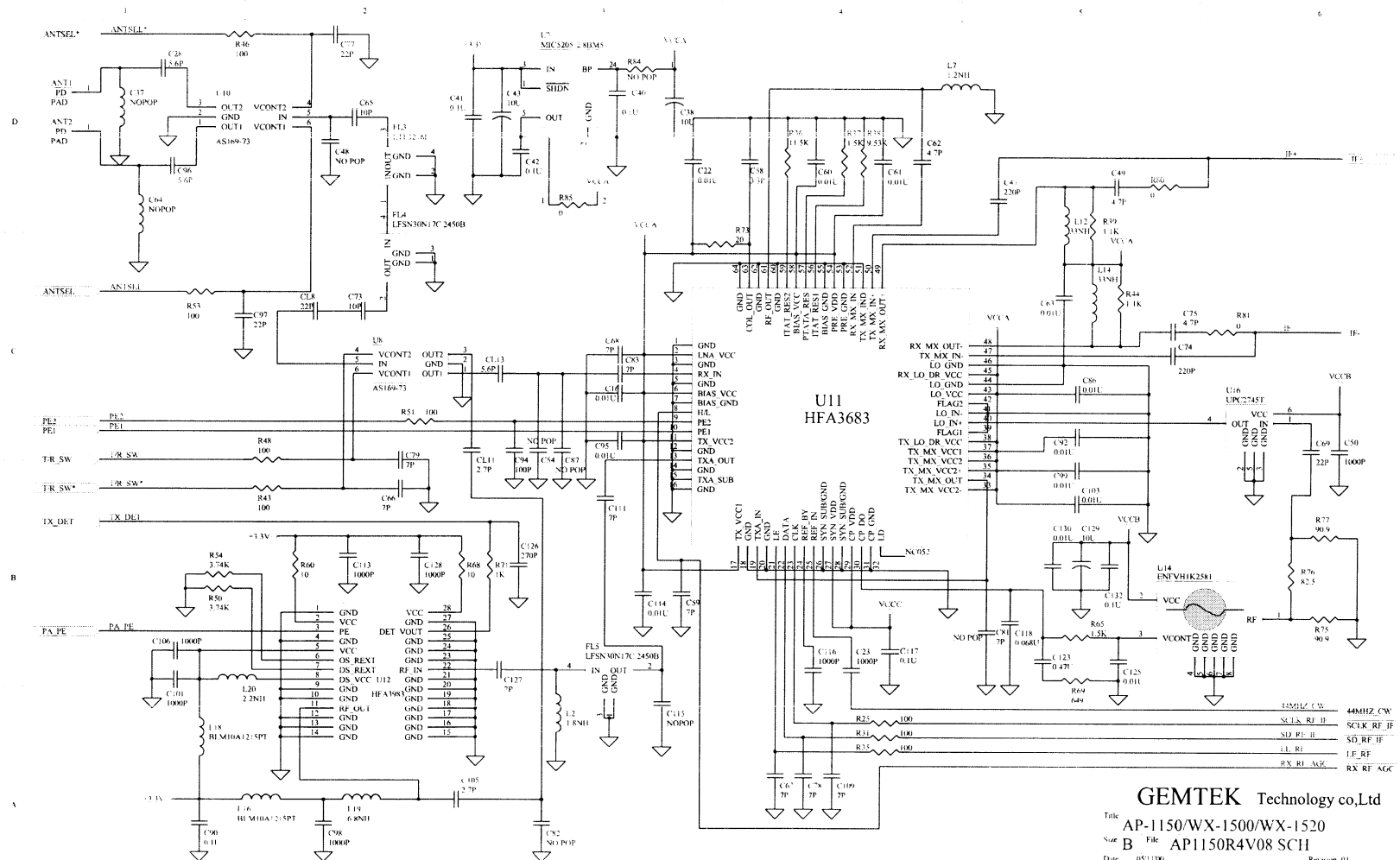


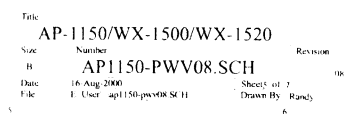
GEMTEK Technology co.,Ltd

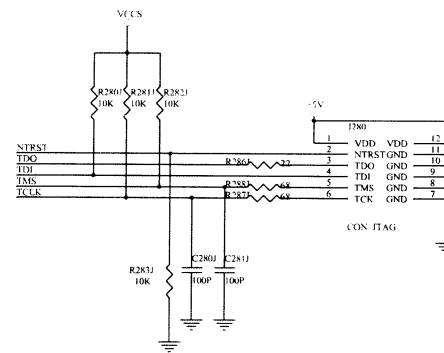
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Date 10/1/01 Revision
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 DESIGN Randy APPVD
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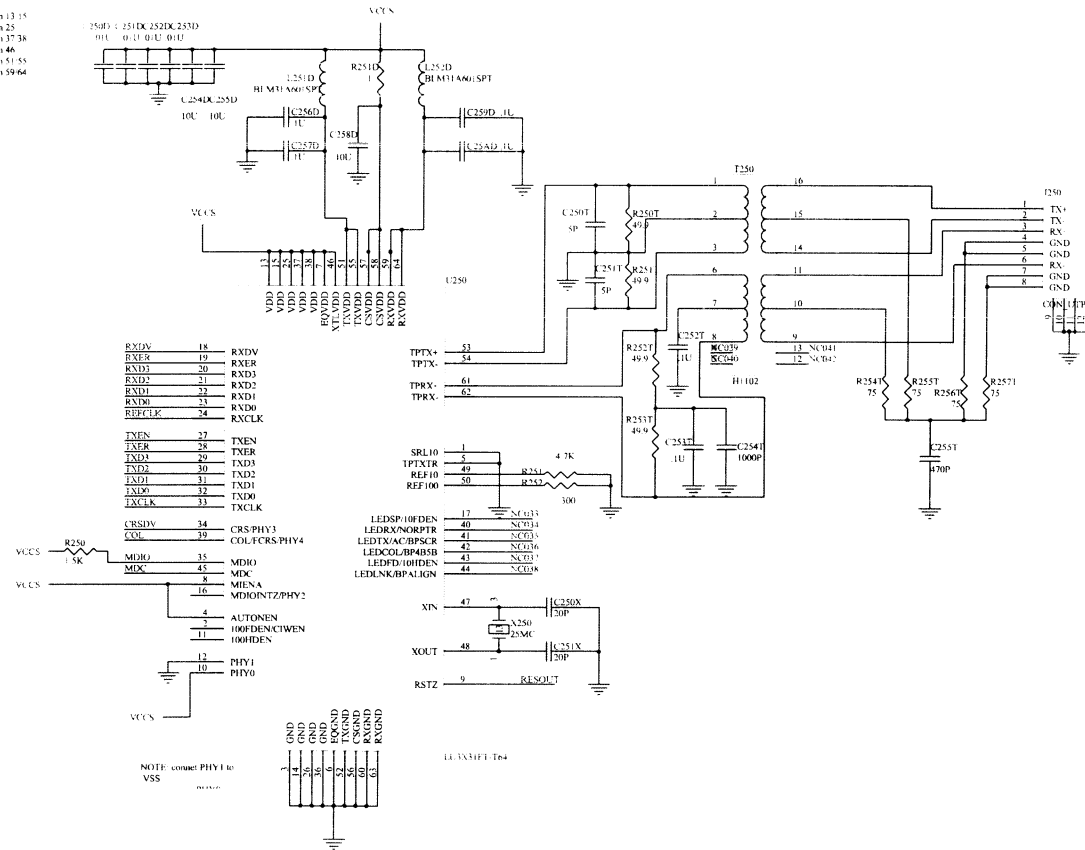






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 Size: Number: AP1150-JTAGV08.SCH Revision: 08
 Date: 16-Aug-2000 Sheet: 01 of 1
 File: 1-User - ap1150-jtagv08.SCH Drawn By: Randy

C250D near U250 pin 13/5
 C251D near U250 pin 25
 C252D near U250 pin 37/38
 C253D near U250 pin 46
 C254D near U250 pin 51/55
 C255D near U250 pin 59/64



Title
 AP-1150/WX-1500/WX-1520
 Size Number
 B AP1150-NETV08 SCH Revision 08
 Date 16 Aug 2000 Sheet 1 of 1
 File E:\Users\ap1150\netv08.sch Drawn By Randy