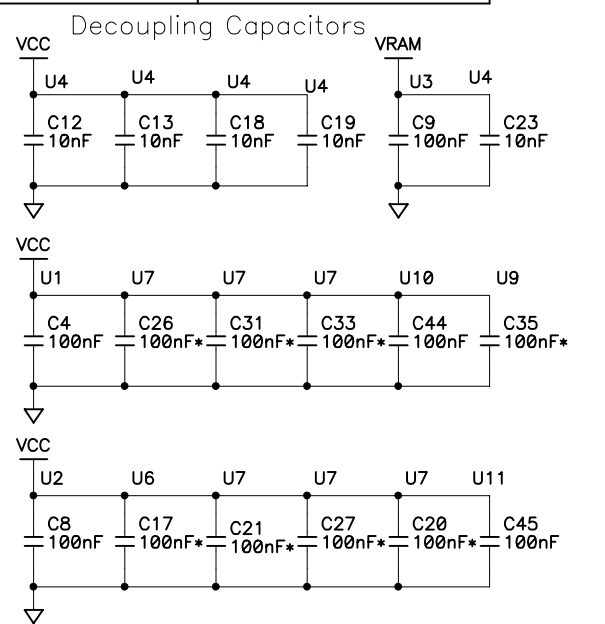



REVISION HISTORY			REVISION APPROVAL			
REV	ECO	DESCRIPTION	PROJECT ENGINEER	APPROVAL DATE	DOCUMENT CONTROL	APPROVAL DATE
C	E11145	SEE ECO FOR HISTORY	XT	14AUG00	KAH	18AUG00
D	E11180	CHG TOLERANCE OF R35 & R39 FROM 1% TO 5%	LSW	30AUG00	KAH	29AUG00
E	E11320	CORRECT NOTE ON PAGE 3. REFERENCED WRONG COMPONENTS.	RJH	2JAN01	KIS	2JAN01
F	E11342	ADD R82 & R83 TO KEEP RS485 WITH 5-WIRE RS232	EP	5JAN01	KIS	9JAN01

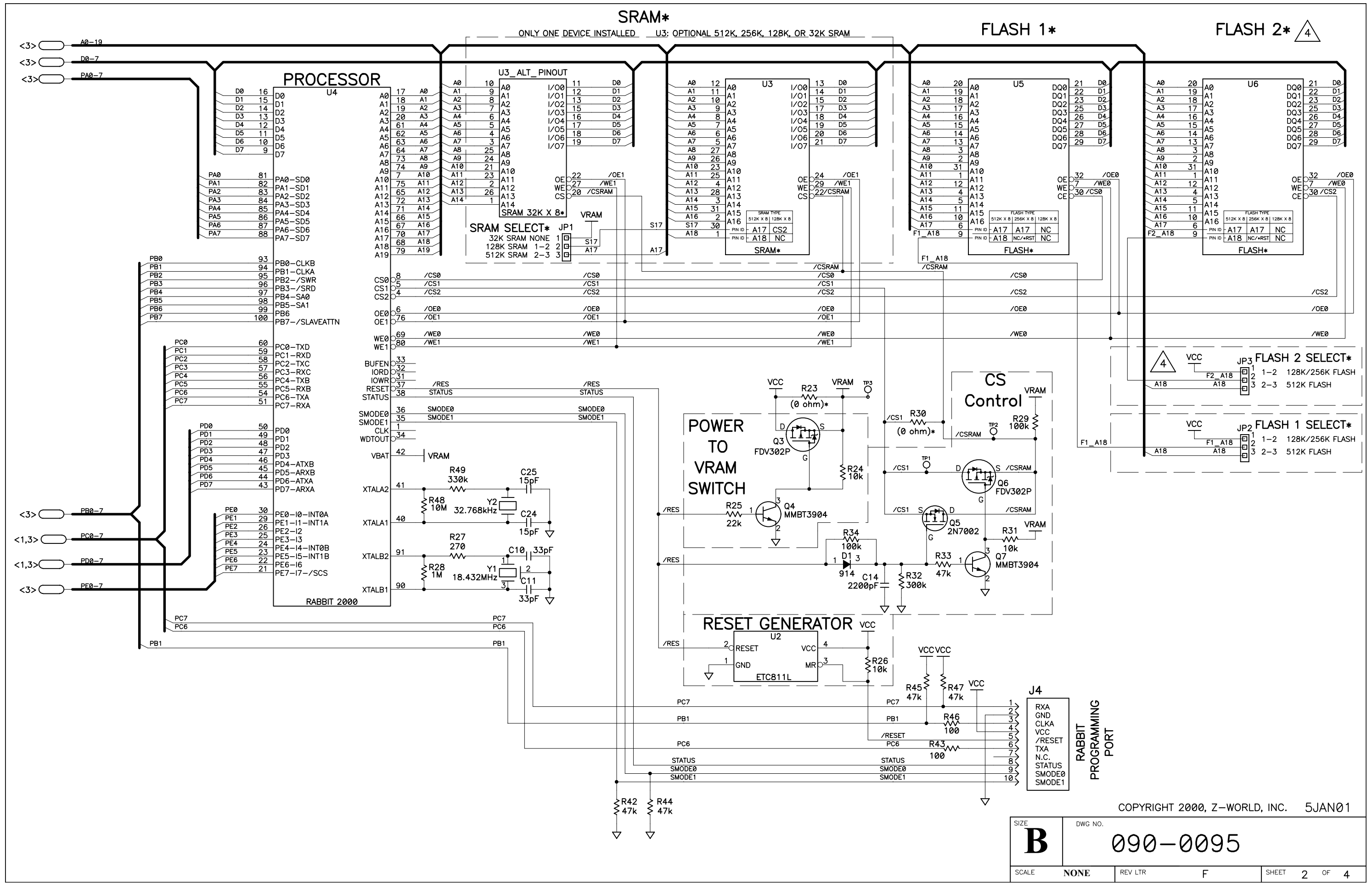
TABLE A							
REF DES	DEVICE	DEVICE VOLTAGE INFORMATION					DEVICE: FILTER CAP REF DES(s)
		AGND	GND	VCC	VRAM	NO CONNECTS	
U1	LM4872		2	6			C4
U2	ETC811L						C8
U3	SRAM 512K X 8		15		32		C9
	SRAM 32K X 8		14		28		
U4	RABBIT 2000		2,27,39 52,77,89	3,28,53, 78,92	42		C12,13,18,19 C23 - PIN42 (VRAM)
U5	FLASH		24	8			C17
U6	FLASH		24	8			
U7	RLT8019AS		14,28,44 52,83,86	6,17,47 57,70,89			C20,21,26,27,31,33
U8	LM2575-5.0					2-6.9.11.13.16.19-24	
U9	93C46		5	8		7	C35
U10	SP483E		5	8			C44
U11	232A		15	16			C45

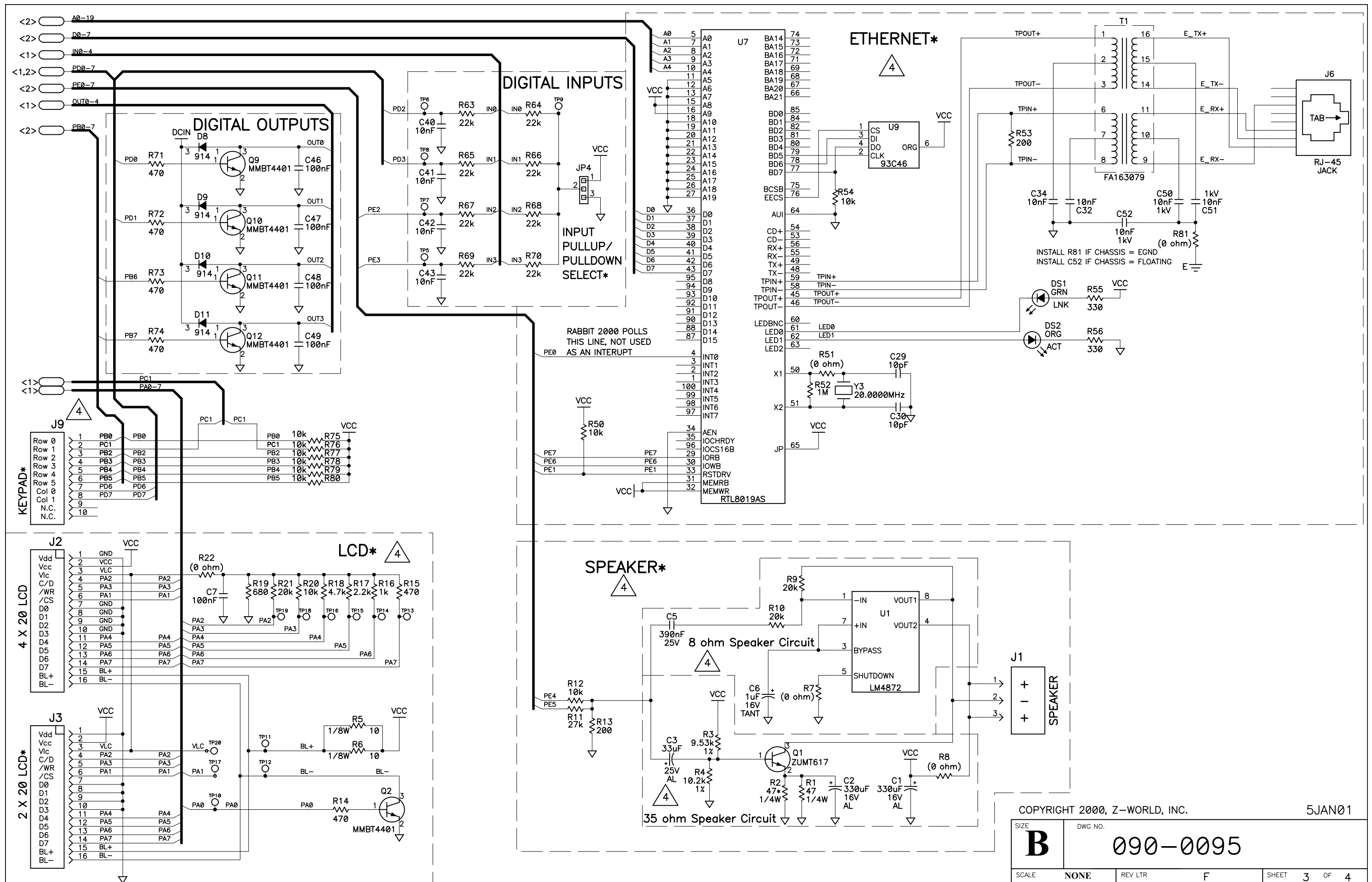
- NOTES: UNLESS OTHERWISE SPECIFIED;
1. ALL RESISTOR VALUES ARE IN OHMS, 1/10W, 5%
 2. ALL CAPACITORS ARE 50VDC OR HIGHER.
 3. THE ORIGATION SOURCE OF A VOLTAGE IS REPRESENTED BY (VCC), AND ALL REFERENCES TO THAT VOLTAGE ARE REPRESENTED BY (VCC).
 4. OUTLINED CIRCUIT MAY NOT BE STUFFED DEPENDING ON MODEL, SEE STUFFING CHART FOR CLARIFICATION.
 5. COMPONENT VALUES SHOWN WITH AN ASTERISK (*) FOLLOWING THE VALUE, MAY HAVE DIFFERENT VALUES, OR MAY NOT BE STUFFED DEPENDING ON MODEL. SEE STUFFING CHART FOR CLARIFICATION..



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APPEND THE FOLLOWING DOCUMENTS WHEN CHANGING THIS DOCUMENT:		DRAWING CONTENT:		TITLE SCHEMATIC DIAGRAM OP6600/6700 SERIES & RABBIT 2000 TCP/IP DEVELOPMENT KIT		 2900 SPAFFORD ST. DAVIS, CA 95616 530 - 757 - 4616	
		DRAWN BY: (INITIAL RELEASE) GEY	14SEP99				
		REVISED BY: E.PEAK	5JAN01	SIZE B DWG NO. 090-0095			
		APPROVALS: INITIAL RELEASE					
		PROJECT ENGINEER: RJH	24MAY00				
		ENGINEERING MANAGER:					
		SIGNATURES	DATE	SCALE NONE	RELEASE DATE 24MAY00	SHEET 1	OF 4





STUFFING TABLE			MODEL		
CIRCUIT		PART	RABBIT 2000 TCP/IP	OP6700 SERIES	OP6600 SERIES
BACKUP BATTERY	BATTERY MODULE	X1	NOT INSTALLED	INSTALLED	INSTALLED
	MAIN	R40	4.3M	4.3M	4.3M
		R41	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED
		C15	100nF	100nF	100nF
		C16	100nF	100nF	100nF
	REGULATOR	Q8	5088 npn	5088 npn	5088 npn
		R35	2M	2M	2M
		R39	220k	220k	220k
	REGULATOR TEMPERATURE COMPENSATION ADJUST	D2	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED
		D3	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED
		D4	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED
		R36	ZERO ohm	ZERO ohm	ZERO ohm
		R37	ZERO ohm	ZERO ohm	ZERO ohm
		R38	ZERO ohm	ZERO ohm	ZERO ohm
	CS CONTROL BYPASS	R30	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED
	PWR– VRAM SW BYPASS	R23	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED
	PWR SPLY TRANSZORB	TVS1	NOT INSTALLED	SMBJ51	SMBJ51
SRAM	MAIN	U3	128K SRAM	128K SRAM	128K SRAM
		C9	100nF	100nF	100nF
	SRAM SELECT	JP1	ZERO ohm ACROSS PINS 1–2	ZERO ohm ACROSS PINS 1–2	ZERO ohm ACROSS PINS 1–2
FLASH 1	MAIN	U5	256K FLASH	256K FLASH	256K FLASH
	FLASH 1 SELECT	JP2	ZERO ohm ACROSS PINS 1–2	ZERO ohm ACROSS PINS 1–2	ZERO ohm ACROSS PINS 1–2
FLASH 2	MAIN	U6	256K FLASH	256K FLASH	NOT INSTALLED
		C17	100nF	100nF	NOT INSTALLED
	FLASH 2 SELECT	JP3	ZERO ohm ACROSS PINS 1–2	ZERO ohm ACROSS PINS 1–2	NOT INSTALLED
RS485		R58	NOT INSTALLED	220 ohm	220 ohm
RS232		R61	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED
		R62	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED
POWER IN CONN 2 x 17		J8	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED
KEYPAD CONNECTOR		J9	NOT INSTALLED	INSTALLED	INSTALLED
LCD	4 X 20 CONN	J2	NOT INSTALLED	INSTALLED	INSTALLED
	2 X 20 CONN	J3	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED
	MAIN	C7	NOT INSTALLED	100nF	100nF
		Q2	NOT INSTALLED	MMBT4401	MMBT4401
		R5	NOT INSTALLED	10 ohm 1/8W	10 ohm 1/8W
		R6	NOT INSTALLED	10 ohm 1/8W	10 ohm 1/8W
		R14	NOT INSTALLED	470 ohm	470 ohm
		R15	NOT INSTALLED	470 ohm	470 ohm
		R16	NOT INSTALLED	1k	1k
		R17	NOT INSTALLED	2.2k	2.2k
		R18	NOT INSTALLED	4.7k	4.7k
		R19	NOT INSTALLED	680 ohm	680 ohm
		R20	NOT INSTALLED	10k	10k
		R21	NOT INSTALLED	20k	20k
		R22	NOT INSTALLED	ZERO ohm	ZERO ohm

STUFFING TABLE			MODEL			
CIRCUIT		PART	RABBIT 2000 TCP/IP	OP6700 SERIES	OP6600 SERIES	
DIGITAL INPUT PULLUP/ PULLDOWN SELECT		JP4	ZERO ohm ACROSS PINS 1–2	ZERO ohm ACROSS PINS 1–2	ZERO ohm ACROSS PINS 1–2	
ETHERNET	MAIN	U7	RLT8019AS	RLT8019AS	NOT INSTALLED	
		C20	100nF	100nF	NOT INSTALLED	
		C21	100nF	100nF	NOT INSTALLED	
		C26	100nF	100nF	NOT INSTALLED	
		C27	100nF	100nF	NOT INSTALLED	
		C31	100nF	100nF	NOT INSTALLED	
		C33	100nF	100nF	NOT INSTALLED	
		R50	10k	10k	NOT INSTALLED	
	ETHERNET CRYSTAL	Y3	20.0000MHz	20.0000MHz	NOT INSTALLED	
		C29	10pF	10pF	NOT INSTALLED	
		C30	10pF	10pF	NOT INSTALLED	
		R51	ZERO ohm	ZERO ohm	NOT INSTALLED	
		R52	1 MEG	1 MEG	NOT INSTALLED	
	EEPROM	U9	93C46	93C46	NOT INSTALLED	
		C35	100nF	100nF	NOT INSTALLED	
		R54	10k	10k	NOT INSTALLED	
	LEDS	DS1	GRN	GRN	NOT INSTALLED	
		DS2	ORG	ORG	NOT INSTALLED	
		R55	330 ohm	330 ohm	NOT INSTALLED	
		R56	330 ohm	330 ohm	NOT INSTALLED	
	TRANSFORMER	T1	FA163079	FA163079	NOT INSTALLED	
		C32	10nf	10nf	NOT INSTALLED	
		C34	10nf	10nf	NOT INSTALLED	
		C50	10nf 1KV	10nf 1KV	NOT INSTALLED	
		C51	10nf 1KV	10nf 1KV	NOT INSTALLED	
		C52	10nf 1KV	10nf 1KV	NOT INSTALLED	
		J6	RJ–45	RJ–45	NOT INSTALLED	
		R53	200 ohm	200 ohm	NOT INSTALLED	
		R81	ZERO ohm	ZERO ohm	NOT INSTALLED	
	SPEAKER	MAIN	R11	NOT INSTALLED	27k	27k
			R12	NOT INSTALLED	10k	10k
R13			NOT INSTALLED	200 ohm	200 ohm	
35 ohm CIRCUIT		C1	NOT INSTALLED	330uF 16V	330uF 16V	
		C2	NOT INSTALLED	330uF 16V	330uF 16V	
		C3	NOT INSTALLED	33uF 25V	33uF 25V	
		J1	NOT INSTALLED	INSTALLED	INSTALLED	
		Q1	NOT INSTALLED	ZUMT617	ZUMT617	
		R1	NOT INSTALLED	47 ohm 1/4W	47 ohm 1/4W	
		R2	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED	
		R3	NOT INSTALLED	9.53k 1%	9.53k 1%	
		R4	NOT INSTALLED	10.2k 1%	10.2k 1%	
		R8	NOT INSTALLED	ZERO ohm	ZERO ohm	
8 ohm CIRCUIT			NOT INSTALLED	NOT INSTALLED	NOT INSTALLED	