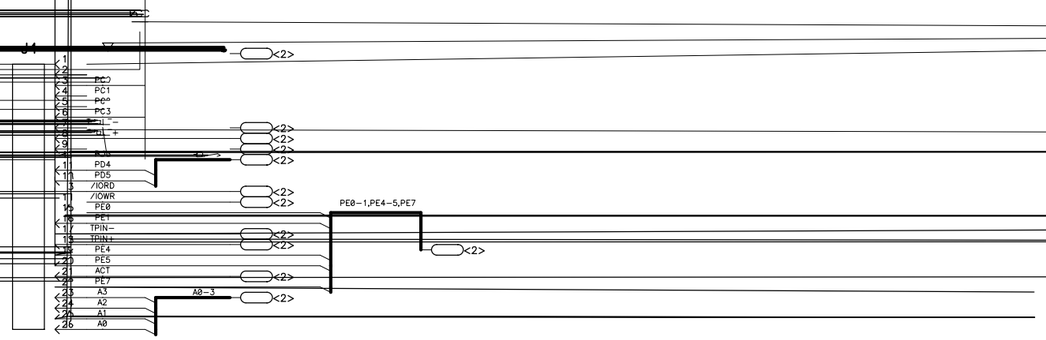
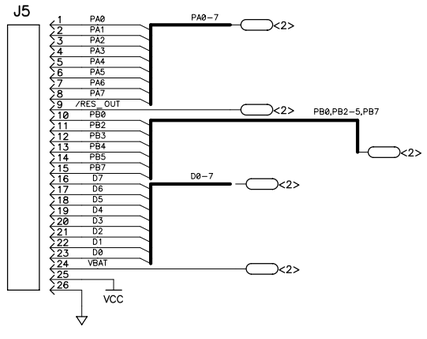
A	E11399	INITIAL RELEASE	RJH	N/A	---	---





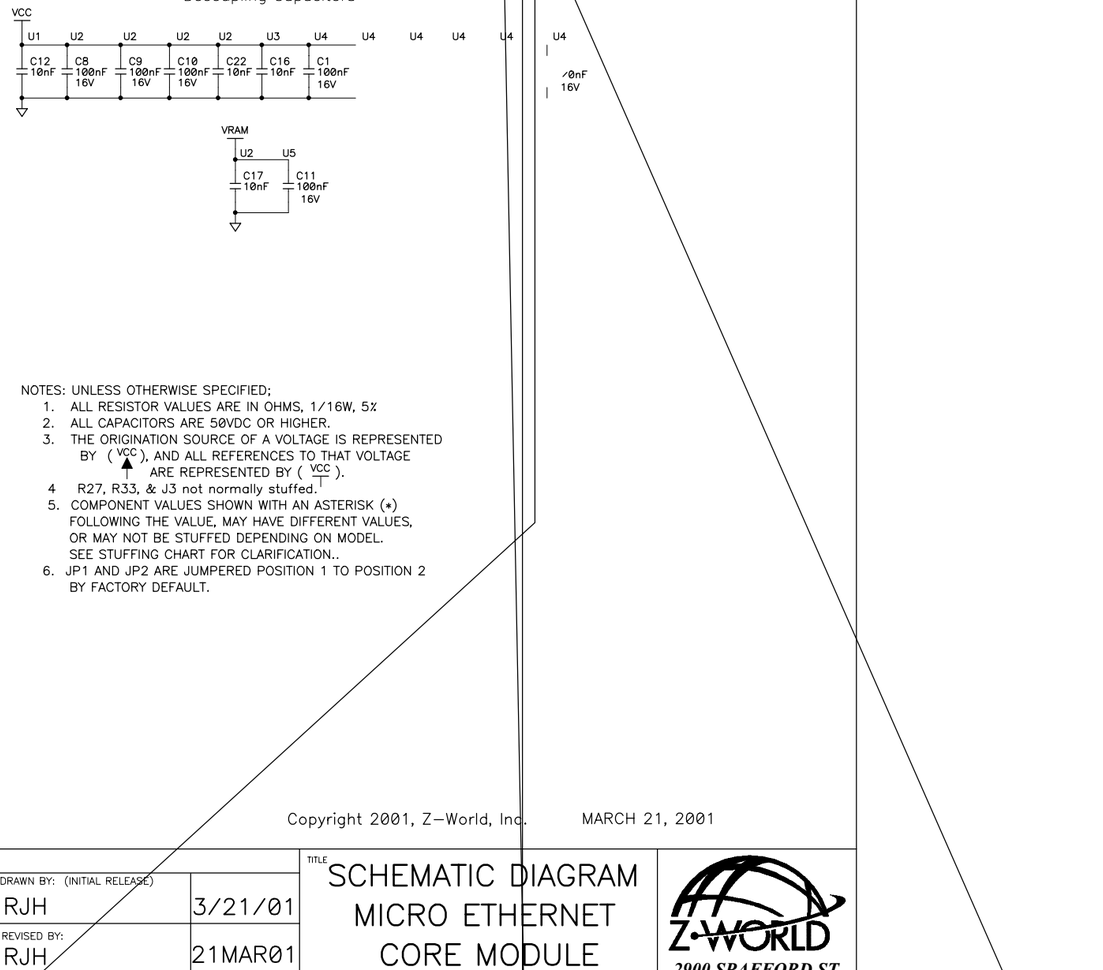
STUFFING TABLE

	CIRCUIT	PART	RCM2200
POWER TO VRAM SWITCH	WITH BATTERY BACKUP CIRCUITRY	R33	NOT INSTALLED
CS CONTROL SWITCH	WITH BATTERY BACKUP CIRCUITRY	R27	NOT INSTALLED
FLASH	MAIN	U3	256K FLASH
	FLASH SELECT	JP1	ZERO ohm ACROSS PINS 1–2
	FLASH TYPE	JP2	ZERO ohm ACROSS PINS 1–2
ETHERNET	RJ–45 CONNECTOR WITH BUILT IN MAGNETICS	J3	NOT INSTALLED
		J2	INSTALLED

TABLE A

REF DES	DEVICE		DEVICE VOLTAGE INFORMATION GND	VCC	VRAM NO CONNECTS	DEVICE: FILTER CAP REF DES(s)
U1	FTC811L					C12
U2	RABBIT 2000		2,27,39 52,77,89	3,28,53, 78,92	42	C8,C10,C9
U3	FLASH		24	8		
U4	RTL8019AS		14,28,44 52,83,86	6,17,47 57,70,89		
U5	SRAM 128K X 8		24		8	

Decoupling Capacitors



NOTES: UNLESS OTHERWISE SPECIFIED;
1. ALL RESISTOR VALUES ARE IN OHMS, 1/16W, 5%
2. ALL CAPACITORS ARE 50VDC OR HIGHER.
3. THE ORIGINATION SOURCE OF A VOLTAGE IS REPRESENTED BY ($\overset{VCC}{\uparrow}$), AND ALL REFERENCES TO THAT VOLTAGE ARE REPRESENTED BY ($\overset{VCC}{\top}$).
4. R27, R33, & J3 not normally stuffed.
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..
6. JP1 AND JP2 ARE JUMPERED POSITION 1 TO POSITION 2 BY FACTORY DEFAULT.

 MARCH 21, 2001

DRAWN BY: (INITIAL RELEASE) RJH	3/21/01	TITLE: SCHEMATIC DIAGRAM MICRO ETHERNET CORE MODULE RCM2200
REVISED BY: RJH	21MAR01	
PROJECT ENGINEER:		
ENGINEERING MANAGER:		

Z-WORLD
2900 SPAFFORD ST.
DAVIS, CA 95616
530 - 757-4616

SIZE | DWG NO. 090–0120

SCALE | RELEASE DATE | SHEET 1 OF 2

PROCESSOR

SF A

FL-SH *

U2

RABBIT 2000

U5

128K SRAM
8=VRAM; 24=GND

U3

FLASH* 256K
8=VCC, 24=GND

JUMPER 1-2

FLASH SELECT*
JUMPER 1-2
1-2 128K/256K FLASH
2-3 512K FLASH*

POWER TO VRAM SWITCH

CS Control Switch

RESET GENERATOR

U4

RTL8019AS

6,17,47,57,70,89=VCC; 14,28,44,52,83,86=GND

J2

XMIT

RCV

LF1S022

RJ-45 FRONT VIEW

DS1 GRN LNK

DS2 ORG ACT

SIZE	DWG NO.	
C		
SCALE NONE	REV LTR	SHEET OF