



NOTES: UNLESS OTHERWISE SPECIFIED;  
 1. ALL RESISTOR VALUES ARE IN OHMS, 1/16W, 5%  
 2. ALL CAPACITORS ARE 50VDC OR HIGHER.  
 3. THE ORIGIN 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.

REVISION HISTORY			REVISION APPROVAL			
REV	ECO	DESCRIPTION OF CHANGE	PROJECT ENGINEER	APPROVAL DATE	DOCUMENT CONTROL	APPROVAL DATE
A	E11313	INITIAL RELEASE	DM	19Feb01		

TABLE A

REF DES	DEVICE	DEVICE VOLTAGE INFORMATION					DEVICE: FILTER CAP REF DES(s)
		AGND	GND	VCC	VRAM	NO CONNECTS	
U1	74VHC245		10	20			C5
U2	ETC811L		2	4			C12
U3	RTL8019AS		14,28,44 52,83,86	6,17,47 57,70,89			C7,10,12,13,15,16
U4	RABBIT 2000		2,27,39 52,77,89	3,28,53, 78,92	42		C14, 51, 52, 54 C53 - PIN42 (VRAM)
U5	74VHC244		10	20			C21
U6	74VHC244		10	20			C22
U10	FLASH		24	8			C50
U11	FLASH		24	8			C55
U12	SRAM 512K X 8		15		32		C56
	SRAM 128K X 8		15		32		
	SRAM 32K X 8		14		28		

STUFFING TABLE

CIRCUIT	PART	RCM2100	RCM2110	RCM2115	RCM2120	RCM2130
<b>SRAM</b>	U12	512K	128K	128K	512K	128K
<b>SRAM select</b>	JP3	2-3	1-2	1-2	2-3	1-2
<b>FLASH 1</b>	U10	256K	256K	256K	256K	256K
<b>FLASH 1 select</b>	JP1	1-2	1-2	1-2	1-2	1-2
<b>FLASH 2</b>	U11	256K	NOT INSTALLED	NOT INSTALLED	256K	NOT INSTALLED
<b>FLASH 2 select</b>	JP1	1-2	NOT INSTALLED	NOT INSTALLED	1-2	NOT INSTALLED
<b>ETHERNET OPTION</b>	U3	INSTALLED	INSTALLED	INSTALLED	NOT INSTALLED	NOT INSTALLED
	J3	NOT INSTALLED	NOT INSTALLED	INSTALLED	NOT INSTALLED	NOT INSTALLED
	J4	INSTALLED	INSTALLED	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED
	R1, R2 DS1, DS2	INSTALLED	INSTALLED	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED
	R6, R10 R11, R19	INSTALLED	INSTALLED	INSTALLED	NOT INSTALLED	NOT INSTALLED
	C1, C2, C3 C4, C7, C8 C9, C11, C12 C13, C15, C16	INSTALLED	INSTALLED	INSTALLED	NOT INSTALLED	NOT INSTALLED
	Y1	INSTALLED	INSTALLED	INSTALLED	NOT INSTALLED	NOT INSTALLED
<b>PORTS D-E OPTION</b>	R21, R24, R35 R36, R37, R38	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED	INSTALLED	INSTALLED
<b>INTERRUPT/JUMPER OPTIONS</b>	R12, R18, R25 R58, R59	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED	NOT INSTALLED

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APPEND THE FOLLOWING DOCUMENTS WHEN CHANGING THIS DOCUMENT:	DRAWING CONTENT:		TITLE <b>SCHEMATIC DIAGRAM RCM2100 SERIES</b>	 2900 SPAFFORD ST. DAVIS, CA 95616 530 - 757-4616
	DRAWN BY: (INITIAL RELEASE)	25JUL00		
	REVISED BY:	22Feb01		
	APPROVALS: INITIAL RELEASE			
PROJECT ENGINEER:		SIZE	DWG NO.	090-0114
ENGINEERING MANAGER:		C		
SIGNATURES	DATE	SCALE NONE	RELEASE DATE A	SHEET 1 OF 2

