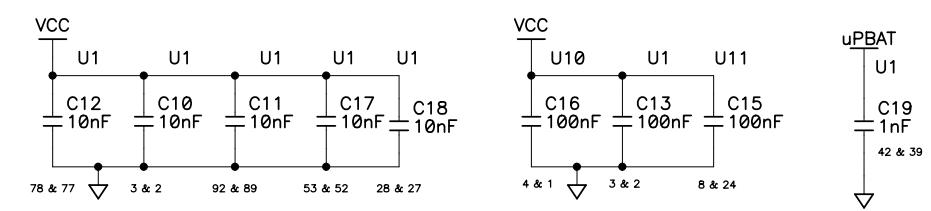


REVISION HISTORY			REVISION APPROVAL			
REV	ECO	DESCRIPTION	PROJECT ENGINEER	APPROVAL DATE	DOCUMENT CONTROL	APPROVAL DATE
B	E11182	CHANGE R14 FROM 1K TO 1.3K TO CONFORM WITH UL REGULATIONS ON CURRENT LIMITING RESISTORS	RJH	31AUG00	KAH	31AUG00
C	E11620	CHANGE R14 FROM 1.3K TO 2K. ADDED EXTERNAL 32KHz OSCILLATOR. MODIFIED VBAT CIRCUITRY	DM	8/06/01	KIS	08/03/01
D	E11778	REMOVE UNUSED FLASH REFERENCE OPTION.	DM	12/20/01	KIS	12/20/01
E	E11787	SHOW R3,9 NOT STUFFED, AND R1 IS 5% TOL.	DM	1/2/02	KIS	1/2/02
F	E11942	REMOVE THERMISTOR AT RT1.CHANGE R12 TO 11K. REVISE NOTE TO INDICATE RESISTORS ARE NOW 1/16W, NOT 1/10W.				
G	000589	REPLACE 32 KHZ CRYSTAL WITH OSCILLATOR. ADD ALTERNATE SRAM AND OPTION. UPDATED J3 FOOTPRINT	NDH	9/11/09	KS	9/11/09

TABLE A

REF DES	DEVICE	DEVICE VOLTAGE INFORMATION					DEVICE: FILTER CAP REF DES(s)
		AGND	GND	VCC	VRAM	NO CONNECTS	
U1	RABBIT 2000		2,27,39 52,77,89	3,28,53, 78,92	42		C13.10 - PIN3, C18,17,12,11 C19 - PIN42 (uPbat)
U2	SRAM*		16		32		C3
U10	ETC811		1	4			C16
U11	FLASH*		24	8			C15
U12	TRANSCIVER		10	20			C21
U13	SRAM*		D1,E6		D6,E1	E3,G2,H6	C20, C22



STUFFING TABLE

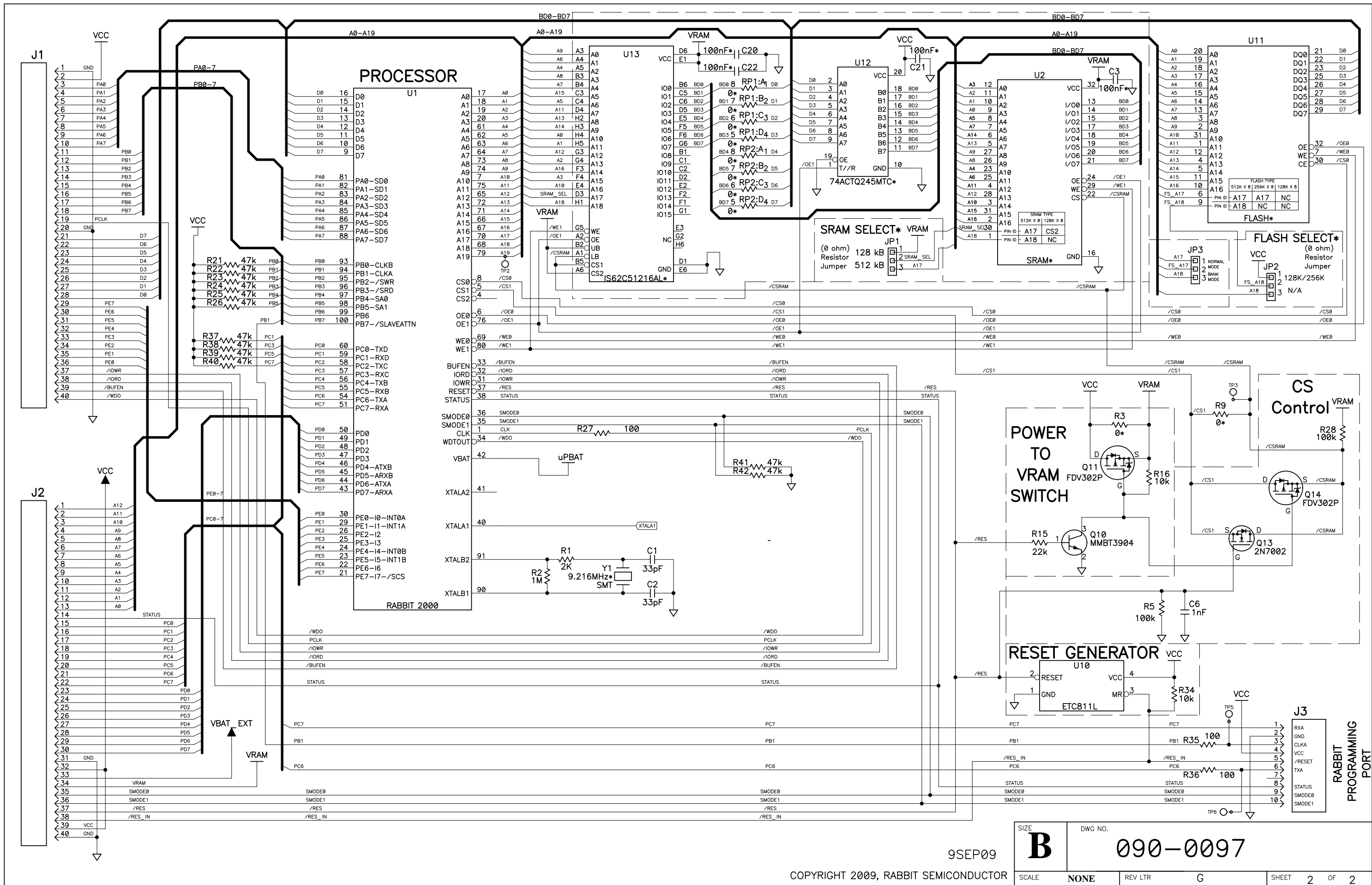
CIRCUIT	PART	MODEL			
		RCM2000	RCM2010	RCM2020	
SRAM	MAIN	U2	512K SRAM	128K SRAM	128K SRAM
		U13	NOT STUFFED	NOT STUFFED	NOT STUFFED
	SRAM SELECT	JP1	ZERO ohm ACROSS PINS 2-3	ZERO ohm ACROSS PINS 1-2	ZERO ohm ACROSS PINS 1-2
		C20, C22	NOT STUFFED	NOT STUFFED	NOT STUFFED
	FILTER CAP	C3	STUFFED	STUFFED	STUFFED
		RP1,RP2	NOT STUFFED	STUFFED	STUFFED
TRANSCEIVER	U12, C21	STUFFED	NOT STUFFED	NOT STUFFED	
FLASH	MAIN	U11	256K FLASH	256K FLASH	256K FLASH
		JP2	ZERO ohm ACROSS PINS 1-2	ZERO ohm ACROSS PINS 1-2	ZERO ohm ACROSS PINS 1-2
	FLASH SELECT	JP3	ZERO ohm ACROSS PINS 1-2	ZERO ohm ACROSS PINS 1-2	ZERO ohm ACROSS PINS 1-2
PROCESSOR CRYSTAL	Y1	12.9024MHz	12.9024MHz	9.216MHz	
POWER TO VRAM	R3,R9	NOT STUFFED	NOT STUFFED	NOT STUFFED	
RTC OSCILLATOR	Y2, R4, C24	NOT STUFFED	NOT STUFFED	NOT STUFFED	

- NOTES: UNLESS OTHERWISE SPECIFIED;
- ALL RESISTOR VALUES ARE IN OHMS, 1/16W, 5%
 - ALL CAPACITORS ARE 50VDC OR HIGHER.
 - THE ORIGIN SOURCE OF A VOLTAGE IS REPRESENTED BY (VCC), AND ALL REFERENCES TO THAT VOLTAGE ARE REPRESENTED BY (VCC).
 - OUTLINED CIRCUIT MAY NOT BE STUFFED DEPENDING ON MODEL, SEE STUFFING TABLE FOR CLARIFICATION.
 - COMPONENT VALUES SHOWN WITH AN ASTERISK (*) FOLLOWING THE VALUE, MAY HAVE DIFFERENT VALUES, OR MAY NOT BE STUFFED DEPENDING ON MODEL. SEE STUFFING TABLE FOR CLARIFICATION.

AUGUST 20, 2008 4:00 PM

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APPEND THE FOLLOWING DOCUMENTS WHEN CHANGING THIS DOCUMENT:	DRAWING CONTENT:		TITLE SCHEMATIC DIAGRAM RCM2000 SERIES RABBITCORE	RABBIT SEMICONDUCTOR www.rabbit.com
	DRAWN BY: (INITIAL RELEASE) DM	31JAN00		
	REVISED BY: NDH	9SEP09		
	APPROVALS: INITIAL RELEASE			
	PROJECT ENGINEER: MEHRAN TORKI	25SEP08	SIZE B	DWG NO. 090-0097
	ENGINEERING MANAGER: ---	---	SCALE NONE	RELEASE DATE 11SEP09
	SIGNATURES	DATE	SHEET 1 OF 2	



9SEP09

SIZE	DWG NO.
B	090-0097
SCALE	REV LTR
NONE	G
SHEET	OF
2	2

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