

Bank Pattern Address Map														
Bank Number (BCD)				Pattern Number (BCD)				Binary						
0 through 9				0 through 7		0 through 9		Pattern Data						
A13	A13	A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1	A0

Song Pattern Address Map														
Song (BCD)		Pattern Number (BCD)						Binary						
0 through 3		0 - 1	0 through 9			0 through 9			Pattern Data					
A13	A13	A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1	A0

Pattern Data

1111 Utilities	1110 Reserved	1101 Row 7B	1100 Row 7A	1011 Row 6B	1010 Row 6A	1001 Row 5B	1000 Row 5A	0111 Row 4B	0110 Row 4A	0101 Row 3B	0100 Row 3A	0011 Row 2B	0010 Row 2A	0001 Row 1B	0000 Row 1A
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1111 Utilities							
D7	D6	D5	D4	D3	D2	D1	D0
D.C.	Not Used	Repeat		Divisor			
Q	X	Q2	Q1	Q0	Q2	Q1	Q0

0001 Row1B								0000 Row1A							
D7	D6	D5	D4	D3	D2	D1	D0	D7	D6	D5	D4	D3	D2	D1	D0
R1C16	R1C15	R1C14	R1C13	R1C12	R1C11	R1C10	R1C09	R1C08	R1C07	R1C06	R1C05	R1C04	R1C03	R1C02	R1C01

Row Counter = 000	Column Counter = 0000	Column Counter = 0001	Column Counter = 0010	Column Counter = 0011	Column Counter = 0100	Column Counter = 0101	Column Counter = 0110	Column Counter = 0111
	Ram Address = XXXXXXXXXXXX0000							
	Row1 Column 1	Row1 Column 2	Row1 Column 3	Row1 Column 4	Row1 Column 5	Row1 Column 6	Row1 Column 7	Row1 Column 8

	0000	0001	0010	0011	0100	0101	0110	0111	1000	1001	1010	1011	1100	1101	1110	1111
000	0000								0001							
	R1C01	R1C02	R1C03	R1C04	R1C05	R1C06	R1C07	R1C08	R1C09	R1C10	R1C11	R1C12	R1C13	R1C14	R1C15	R1C16
001	0010								0011							
	R2C01	R2C02	R2C03	R2C04	R2C05	R2C06	R2C07	R2C08	R2C09	R2C10	R2C11	R2C12	R2C13	R2C14	R2C15	R2C16
010	0100								0101							
	R3C01	R3C02	R3C03	R3C04	R3C05	R3C06	R3C07	R3C08	R3C09	R3C10	R3C11	R3C12	R3C13	R3C14	R3C15	R3C16
011	0110								0111							
	R4C01	R4C02	R4C03	R4C04	R4C05	R4C06	R4C07	R4C08	R4C09	R4C10	R4C11	R4C12	R4C13	R4C14	R4C15	R4C16
100	1000								1001							
	R5C01	R5C02	R5C03	R5C04	R5C05	R5C06	R5C07	R5C08	R5C09	R5C10	R5C11	R5C12	R5C13	R5C14	R5C15	R5C16
101	1010								1011							
	R6C01	R6C02	R6C03	R6C04	R6C05	R6C06	R6C07	R6C08	R6C09	R6C10	R6C11	R6C12	R6C13	R6C14	R6C15	R6C16
110	1100								1101							
	R7C01	R7C02	R7C03	R7C04	R7C05	R7C06	R7C07	R7C08	R7C09	R7C10	R7C11	R7C12	R7C13	R7C14	R7C15	R7C16
111	1110								1111							
	Reserved								DV0	DV1	DV2	RP0	RP1	RP2	X	D.C.