ZSO ACCESS TO FM SOUND CHIP

\$4000=register select for...channels 0,1,2 \$4001=data register for...channels 0,1,2 \$4002=register select for...channels 3,4,5 \$4003=data register for...channels 3,4,5

CHIP MISC REGISTERS ALL FROM \$4000 SELECT)

	-	5	2 6	0	II.	3 2	=
Ø	· 0	: 1	: 0	: 0	= 1	= 1	:1
0	1 Ø	: 0	: 0	= 1	51	: 1	n free c
1or@	:1or0	1:1or0	:iorV	: CNo3	s CNo2	: CNo1	: CNoØ
smo7	s smok	:smo5	i:smo4	:smo3	:smo2	:smp1	:smoØ
			-				
Ubee	ATOR	CETTI	MRC F	mo sz	ACH CH	IDNNEI	

Bt07:Bt06:Bt05:Bt04:Bt03:Bt02:Et01:Bt00

14573	222
194/1	111
10000	222
(391+)	722
	(\$27) (\$0f)

Rg28. top nibble=\$fx to activate, \$0x=force release, bottom nibble=channel (0,1,2,4,5,6):
Rg2a. 8 bit sample channel (affected by stereo mixing of channel 6?)
Rg28. \$80 To ENABLE SAMPLE CHAMMEL "IF ENABLED CHAMB OUT OF ACTION"

		F	E	R	A	7	0	R		S	E			1	N	B	8		F		R			N	7	-	C	H	A	N	VE	L				
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OPERATOR Ø	OPERATOR 2	OPERATOR 3 :	OPERATOR 4 :
CHN0:CHN1:CHN2:xxxx:	CHN0: CHN1: CHN2: xxxx:	CHNO:CHN1:CHN2:xxxx:	CHNO: CHN1: CHN2:xxxx:
n 1 0 2	2 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	E 2 E	g 11 6 2 5 2 2 5
Rg30:Rg31:Rg32:xxxx:	Rg34: Rg35: Rg36: Rg37:	Rg38:Rg39:Rg3a:xxxx:	Rg3c:Rq3d:Rq3e:xxxxs
2 U A S	2 1 1 1	2 2 2 2	E E E 7
Rg40:Rg41:Rg42:xxxx:	Rg44: Rg45: Rg46: Rg47:	Rg48:Rg49:Rg4a:xxxx:	Rg4c:Rg4d:Rg4e:xxxx:
1 E 2 X	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2	B
Rg50:Rg51:Rg52:xxxx:	Rg54:Rg55:Rg56:Rg57:	Rg58:Rg59:Rg5a:xxxx:	Rg5c:Rg5d:Rg5e:xxxx:
2 2 2 2	1 5 5 5	* * * * *	2 2 2 2
Rg60:Rg61:Rg62:xxxx:	Rg64:Rg65:Rg66:Rg67:	Rg68:Rg69:Rg6a:xxxx:	Rg6c:Rg6d:Rg6e:xxxx:
2 B B B	1 1 1	5 5 5 5	5 E
Rg70:Rg71:Rg72:xxxx:	Rg74:Rg75:Rg76:Rg77:	Rg78:Rg79:Rg7a:xxxx:	Rg7c:Rg7d:Rg7e:xxxx:
2 2 2 2	11 5 2	E 2 E E	2 E 2 E
Rg80:Rg81:Rg82:xxxx:	Rg84:Rg85:Rg86:Rg97:	Rg88:Rg89:Rg8a:xxxx:	Rg8c:Rg8d:Rg8e:xxxx:
1 1 5 5	1 2 1 2	2 2 2 2	2 E 5 5
Rg90:Rg91:Rg92:xxxx:	Rg94:Rg95:Rg96:Rg97:	Rg98:Rg99:Rg9a:xxxx:	Rg9c:Rg9d:Rg9e:xxxx:
			/

GLOBAL SETTINGS FOR EACH CHANNEL
Bt07:Bt06:Bt05:Bt04:Bt03:Bt02:Bt01:Bt00
Frq7:Frq6:Frq5:Frq4:Frq3:Frq2:Frq1:Frq0
xxxx:xxxx:Oct2:Oct1:Oct0:Frqa:Frq7:Frq8
xxxx:xxxx:Fbk2:Fbk1:Fbk0:Alg2:Alg1:Alg0
MixR:MixL:xxxx:xxx:xxx:xxx:Hfm2:Hfm1:Hfm0

: CHN0:CHN1:CHN2:xxxx: : Rga0:Rga1:Rga2:xxxx: : Rga4:Rga5:Rga6:xxxx: : Rgb0:Rgb1:Rgb2:xxxx: : Rgb4:Rgb4:Rgb6:xxxx:

Z80 ACCESS TO FM SOUND CHIP

\$4000=register select for..channels 0,1,2 \$4001=data register for...channels 0,1,2 \$4002=register select for..channels 3,4,5 \$4003=data register for...channels 3,4,5

CHIP MISC REGISTERS (all from \$4000 select)

DITE!	* TATANT	PULDE	FULUT	FILTRICI	9 N F ELT	2 T. C. T. T	FILTER
	=	3	2		ii	E .	2
0	: 0	p a d	: 0	: Ø	a 1	:1	11
Ø	: 0	: 0	: 0	11	:1	: 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
							: CNoØ
smp7	:smp6	ະຣທຸດວົ	:smp4	:5003	:smp2	:smp1	:smp0

D+07:D+04:D+05:D+04:D+07:D+07:D+07:D+08

RgOf. (\$27) ???

Rg22. (\$0f) ???

Rg28. top nibble=\$fx to activate, \$0x=force release, bottom nibble=channel (0,1,2,4,5,6)

Rg2a. B bit sample channel (affected by stereo mixing of channel 6 ?)

RG2B. DIGITAL CHANNEL ENABLE . \$80 = 2011, \$000 = 2011, WHEN ON CHANNE CHANNEL BE USED FOR MUSIC

	Of	Œ		A	1000	1		20	E	7	T	Present .		6	1,1,1	E.		R	- Carlon	Ξ	¥C	Н		1	A	Ni	ŧΕ	L				
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OPERATOR Ø :	OPERATOR 2	OPERATOR 3 :	OPERATOR 4 s
CHN0: CHN1: CHN2:xxxxs	CHN0: CHN1: CHN2: xxxx:	CHNO: CHN1: CHN2:xxxx:	CHN0:CHN1:CHN2:xxxx:
5 2 5 E	# # E 5	5 5 5 5 5 5 5	2 1 2 2 X
Rg30:Rg31:Rg32:xxxx:	Rg34: Rg35: Rg36: Rg37:	Rg38:Rg39:Rg3a:xxxx:	Rg3c:Rg3d:Rg3e:xxxx:
1 2 E E	1 1 2 2	2 2 1 1 N	2 2 2 Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
Rg40:Rg41:Rg42:xxxx:	Rg44:Rg45:Rg46:Rg47:	Rg48: Rg49: Rg4a: xxxx:	Rg4c:Rg4d:Rg4e:xxxx:
\$ \$ E	2 11 2 2 2 2 2 1 2 2	2 4 5 5	N N N N N
Rg50:Rg51:Rg52:xxxx:	Rg54: Rg55: Rg56: Rg57:	Rg58:Rg59:Rg5a:xxxx:	Rg5c:Rg5d:Rg5e:xxxx:
		2 2 2 E E	2 2 2 2
Rg&0:Rg&1:Rg&2:xxxx:	Rg64:Rg65:Rg66:Rg67:	Rg68:Rg69:Rg6a:xxxx:	Rg&c:Rg&d:Rg&e:xxxx:
5 2 5 H		5 2 5 5 5 5 7	2 2 2 2
Rg70:Rg71:Rg72:xxxx:	Rg74: Rg75: Rg76: Rg77:	Rg78:Rg79:Rg7a:xxxx:	Rg7c:Rg7d:Rg7e:xxxx:
E 0 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 A B S	2 B 2 E
Rg80:Rg81:Rg82:xxxx:	Rg84:Rg85:Rg86:Rg87:	Rg88:Rg89:Rg8a:xxxx:	Rg8c:Rg8d:Rg8e:xxxx:
2 2 2 2	# # # # E	* * * * * * * * * * * * * * * * * * *	5 5 5 E
Rg90:Rg91:Rg92:xxxx:	Rg94:Rg95:Rg96:Rg97:	Rg98:Rg99:Rg9a:xxxx:	Rg9c:Rg9d:Rg9e:xxxx:

GL(OB/	AL 9	ET	TIME	18 F(JR.	EACH	CHAN	NEL	
Btg	07:	Bti	16:	StØS	:Bt(14:	Bt03	: Bt02	:Bt01	: Bt 00
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Fre	q7:	Fr	16:	FrqS	i Fr	14:	Frq3	Frq2	:Frq1	FrqE
	-		2 5		22			Ē	5 2	t t
XXX	XX	XXX	(X:	Octi	1:0c1	1:	Oct0	Frqa	:Frq9	Frq8
	3		2		E 2	2 2		=	-	¥ 5
ХΧЭ	XX:	XX)	(X:	Fbk2	l:Fbl	(1:	Fbk0	: A1g2	: :Alg1:	:Alg@
		2	2		÷	2 2		2	r.	ž c
Mi)	xR:	Mi	(L:	XXXX	(1XX)	(X:	XXXX	sHfm2	:Hfm1	: Hf m2

: CHNO:CHN1:CHN2:xxxx: : Rga0:Rga1:Rga2:xxxx: : Rga4:Rga5:Rga6:xxxx: : Rgb0:Rgb1:Rgb2:xxxx: : Rgb4:Rgb5:Rgb6:xxxx:

LOAD FREA HGH LOW

REG 2C \$20 SWITCHS SOUND OFF \$00 STRANGE CFFCET

REG 21 BITS 3, 4 SCEMS TO AMPLIFY, 5?

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