8 into 2 mixer address space

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0		
0	0	0	0	0	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1	A0	0x0000	Video - text 2k background
0	0	0	0	1	x	A9	A8	A7	A6	A5	A4	A3	A2	A1	A0	0x0800	Video - text 1k scroll box
0	0	0	1	0	x	x	x	x	x	x	x	x	x	x	x	0x1000	Video - shared mem - spare
0	0	0	1	1	x	x	x	x	x	x	x	x	x	x	x	0x1800	Video - shared mem - spare
0	0	1	0	0	x	x	x	x	x	x	x	x	x	x	x	0x2000	Video - BGs
0	0	1	0	1	x	x	x	x	x	x	x	x	x	x	x	0x2800	Video - sliders
0	0	1	1	0	x	x	x	x	x	x	x	x	x	x	x	0x3000	Video - spare
0	0	1	1	1	x	x	x	x	x	x	x	x	x	x	x	0x3800	Video - spare
0	1	0	0	0	x	S3	S2	S1	S0	x	x	x	x	x	x	0x4000	Audio - input 2ch
0	1	0	0	1	x	S3	S2	S1	S0	x	x	x	x	x	x	0x4800	Audio - output mixer, 8 in 2 out
0	1	0	1	0	x	S3	S2	S1	S0	x	x	x	x	x	x	0x5000	Audio - tone generator 2 ch
0	1	0	1	1	x	S3	S2	S1	S0	x	x	x	x	x	x	0x5800	Audio - output atten, 2 in 2 out
0	1	1	0	0	x	x	x	x	x	x	x	x	x	x	x	0x6000	Audio - spare
0	1	1	0	1	x	x	x	x	x	x	x	x	x	x	x	0x6800	Audio - spare
0	1	1	1	0	x	x	x	x	x	x	x	x	x	x	x	0x7000	Audio - spare
0	1	1	1	1	x	x	x	x	x	x	x	x	x	x	x	0x7800	Audio - spare
1	0	0	0	0	x	x	x	x	x	x	x	x	x	x	x	0x8000	Spare - start
1	1	1	1	1	x	x	x	x	x	x	x	x	x	x	x	0xF800	Spare - end