

Dreamcast Videoregister

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28.12.99

	b31	b30	b29	b28	b27	b26	b25	b24	b23	b22	b21	b20	b19	b18	b17	b16	b15	b14	b13	b12	b11	b10	b9	b8	b7	b6	b5	b4	b3	b2	b1	b0
0xa05f8040									?	border color red						border color green						border color blue										

	b31	b30	b29	b28	b27	b26	b25	b24	b23	b22	b21	b20	b19	b18	b17	b16	b15	b14	b13	b12	b11	b10	b9	b8	b7	b6	b5	b4	b3	b2	b1	b0		
0xa05f8044									C	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	COL	?	DE

DE displaying
 0 off
 1 on

COL color mode

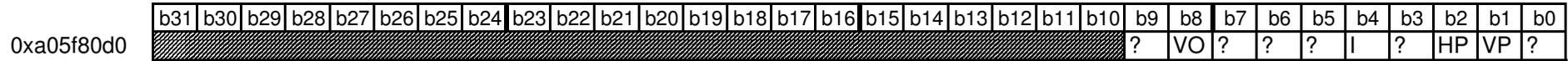
b3	b2		r	g	b	bytes je pixel
0	0		5	5	5	2
0	1		5	6	5	2
1	0					
1	1		8	8	8	4

C clock

	b31	b30	b29	b28	b27	b26	b25	b24	b23	b22	b21	b20	b19	b18	b17	b16	b15	b14	b13	b12	b11	b10	b9	b8	b7	b6	b5	b4	b3	b2	b1	b0
0xa05f8050									screen base address																							

	b31	b30	b29	b28	b27	b26	b25	b24	b23	b22	b21	b20	b19	b18	b17	b16	b15	b14	b13	b12	b11	b10	b9	b8	b7	b6	b5	b4	b3	b2	b1	b0
0xa05f805c			scanline offset										screen height						screen width													

screen with = displayed words - 1
 screen height = displayed scanlines - 1
 scanline offset = offset to next scanline + 1

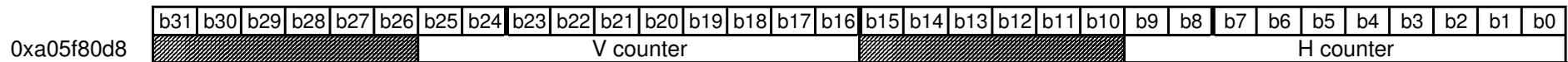
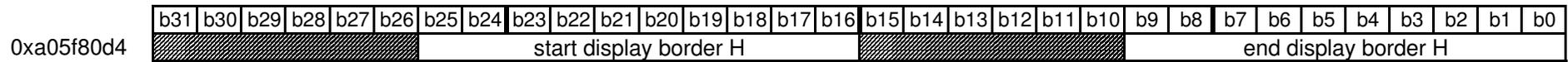


VP V-Sync polarity
 0 negative
 1 positive

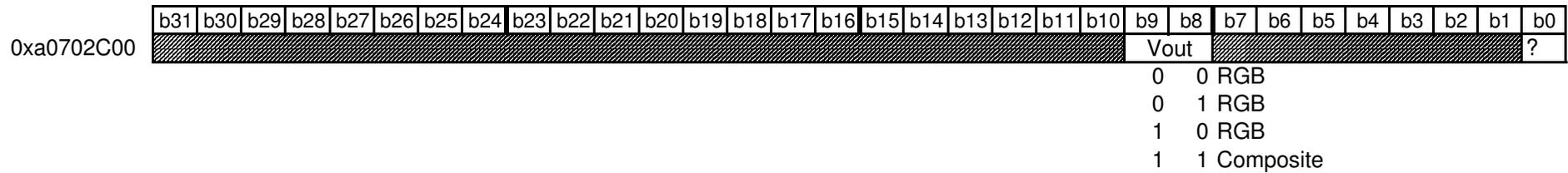
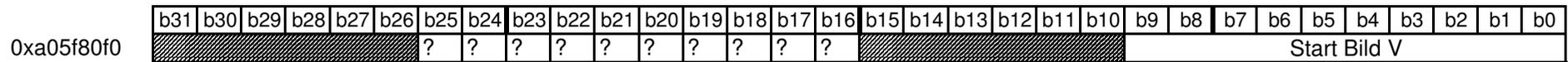
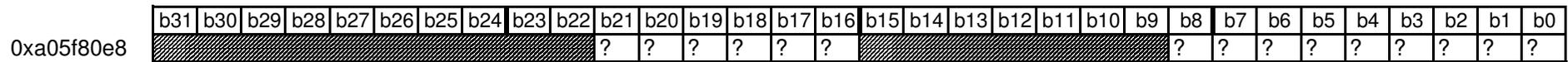
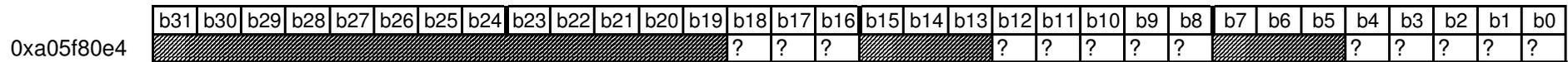
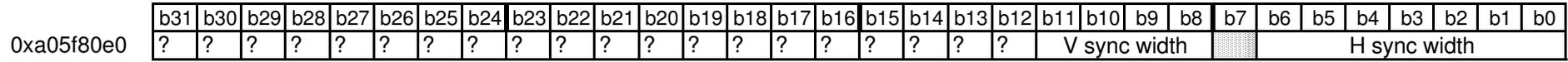
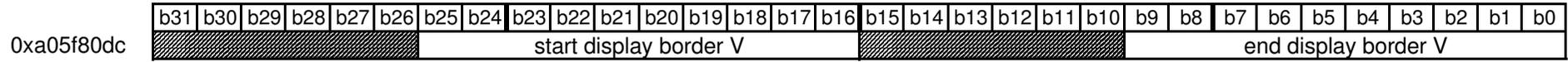
HP H-Sync polarity
 0 negative
 1 positive

I interlace
 0 off
 1 on

VO video output enable
 0 off
 1 on



H counter amount of pixels per scanline
 V counter amount of scanlines



0xa5000000 8 Mbyte VideoRAM

0xa5800000