Sega Mega Drive/Memory map

\$400000 \$7FFFFF Reserved (used by the Mega-CD and 32X) \$800000 \$9FFFFF Reserved (used by the 32X) \$840000 \$85FFFF 32X frame buffer \$4000000-\$401FFF \$860000 \$87FFFF 32X frame buffer overwrite mode \$4020000-\$403FFF \$880000 \$8FFFFF 32X cartridge ROM (first 512kB bank only) \$900000 \$9FFFFF 32X cartridge bankswitched ROM (any 512kB bank, controlled by 32X registers) \$A00000 \$A0FFFF Z80 memory space \$A10000 \$A10001 Version register \$A10002 \$A10003 Controller 1 data \$A10004 \$A10005 Controller 2 data \$A10006 \$A10007 Expansion port data \$A10008 \$A10009 Controller 1 control \$A10000 \$A1000D Expansion port control \$A10000 \$A1000D Controller 1 serial transmit \$A10010 \$A10011 Controller 1 serial receive \$A10012 \$A10013 Controller 1 serial control \$A10014 \$A10015 Controller 2 serial transmit				
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\$900000 \$9FFFFF 512kB bank, controlled by 32X registers) \$A00000 \$A0FFFF Z80 memory space \$A10000 \$A10001 Version register \$A10002 \$A10003 Controller 1 data \$A10004 \$A10005 Controller 2 data \$A10006 \$A10007 Expansion port data \$A10008 \$A10009 Controller 1 control \$A1000A \$A1000B Controller 2 control \$A1000C \$A1000D Expansion port control \$A1000E \$A1000F Controller 1 serial transmit \$A10010 \$A10011 Controller 1 serial receive \$A10012 \$A10013 Controller 1 serial control \$A10014 \$A10015 Controller 2 serial transmit	\$880000	\$8FFFFF		
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\$A1000C \$A1000D Expansion port control \$A1000E \$A1000F Controller 1 serial transmit \$A10010 \$A10011 Controller 1 serial receive \$A10012 \$A10013 Controller 1 serial control \$A10014 \$A10015 Controller 2 serial transmit	\$A10008	\$A10009	Controller 1 control	
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\$A10010 \$A10011 Controller 1 serial receive \$A10012 \$A10013 Controller 1 serial control \$A10014 \$A10015 Controller 2 serial transmit	\$A1000C	\$A1000D	Expansion port control	
\$A10012 \$A10013 Controller 1 serial control \$A10014 \$A10015 Controller 2 serial transmit	\$A1000E	\$A1000F	Controller 1 serial transmit	
\$A10014 \$A10015 Controller 2 serial transmit	\$A10010	\$A10011	Controller 1 serial receive	
	\$A10012	\$A10013	Controller 1 serial control	
\$440040 \$440047 Controller 2 coriel receive	\$A10014	\$A10015	Controller 2 serial transmit	
\$A10016 \$A10017 Controller 2 Serial receive	\$A10016	\$A10017	Controller 2 serial receive	

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