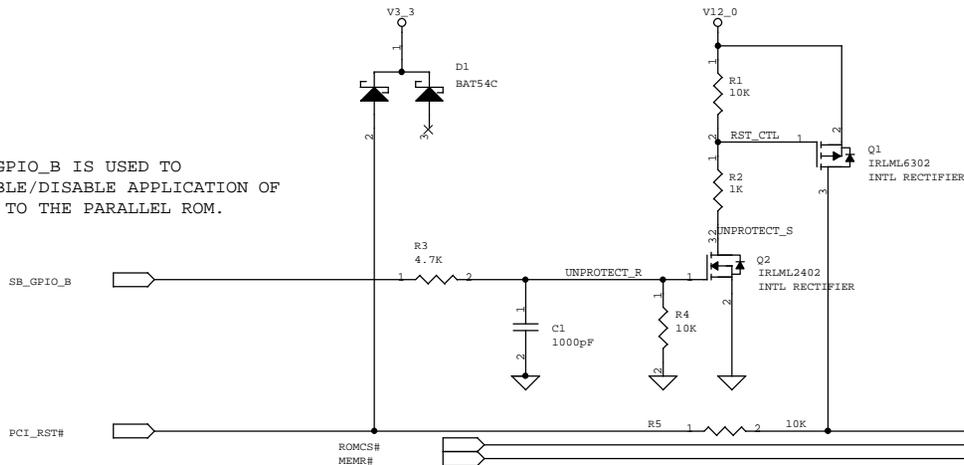
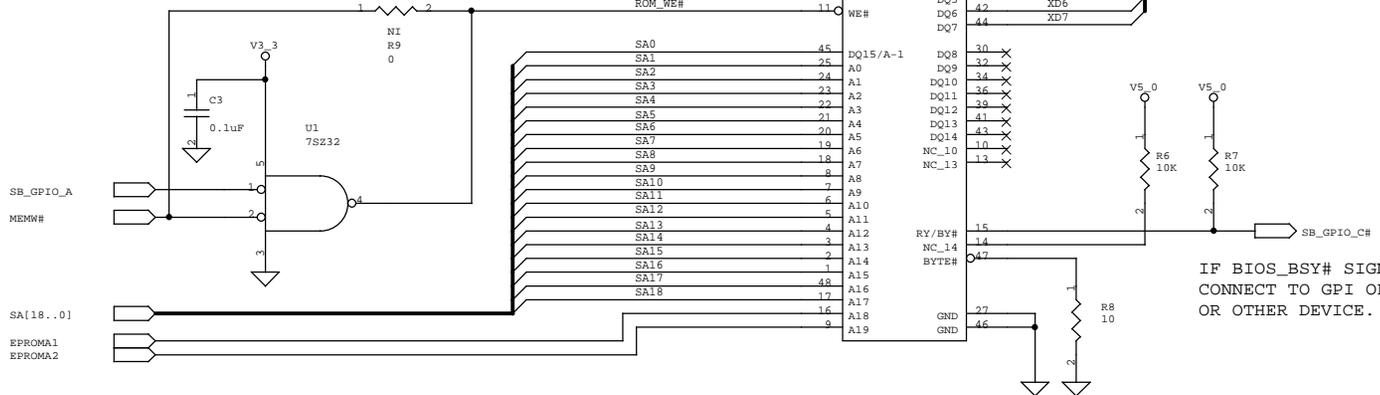


SB_GPIO_B IS USED TO
ENABLE/DISABLE APPLICATION OF
12V TO THE PARALLEL ROM.



SB_GPIO_A CAN BE USED TO ALLOW
BIOS TO GATE WRITES TO THE
PARALLEL ROM.



IF BIOS_BSY# SIGNAL IS USED,
CONNECT TO GPI OF SOUTHBRIDGE
OR OTHER DEVICE.

If used for System BIOS only, install 512K (or 256K).
If used for System BIOS and CMS, install 2M.
In TM5X00 systems, the lower 3/4 of the ROM are protected and unable to be erased (i.e. by an 'erase all' command to the ROM). The unprotect circuit allows CMS to reprogram protected sectors during a CMS upgrade (TM5X00 only). Note how EPROMA[2..1] signals are connected to the 2MB ROM. These signals act as bank selects to select either CMS sectors or BIOS. When CMS has decompressed and is ready to run x86 code, these signals select the highest bank (11) to allow access to the BIOS code.

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Project: TM5800 Design Guide	
Title: Parallel ROM with CMS Option	
Document Number: DOCUMENT#	Revision: A
Size: Custom	Date: Tuesday, November 27, 2001
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