

What Kind of M100 Do You Have?  
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The first M100s were released with a custom ROM pinout, in agreement with the published schematic. Over time, Radio Shack changed the design to use standard ROMs. This is the way the T102 and T200 were designed.

The later M100s do not agree with the published schematic. This causes an issue for anyone who wants to make something that plugs into the ROM socket!

M100s have a code on their ROM chips, as well as in the silkscreen on the PCB. Below is a list of known ROM codes, and the boards they go into.

Partial list of M100 PCB and ROM codes  
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Board Code	ROM type	ROM Code	Comment
PLX110CH1X	custom	LH535618	early North America
PLX110EH1X	27C256 compatible	3256C07-3J1	late North America
PLX120CH1X	27C256 compatible	3256C05-3E1	European/Italian

I did a quick survey of serial numbers vs. PCB code and here are the results. Generally, later serial numbers use the 27C256 compatible board.

Ser. #	PCB Type
301009115	PLX110CH1X
303000498	PLX110CH1X
304008851	PLX110CH1X
306008205	PLX110CH1X
306008342	PLX110CH1X
307000261	PLX110CH1X
307200864	PLX110CH1X
309200464	PLX110CH1X
307023304	PLX110EH1X
311002479	PLX110EH1X
401007013	PLX110EH1X

ReMem must be chosen to match the board, in fact the firmware will be the same as the T102 for ReMems installed in later M100s.