

# Yamaha cx5m MSX computer conversion to MSX2

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## Step by step instructions

Also look at the circuit diagrams on the next pages and on the cx5m Technical Manual

1. add videoram: solder 8 x M3764A-15 or equivalent in place of ic301 ic302 ic303 ic304 ic305 ic306 ic309 ic310
2. this D-RAM is the Video-Ram (64kb) the next 64kb are soldered on the little board Ic57100 16k-VRAM
3. replace 2 x MB81416-12 by 2 x MB81464-12
4. cut the wire pin (10) and pin(14) of DRAM to CN1
5. connect pin (10) of DRAM to (14) CN1 AD7
6. connect pin (14) of DRAM to (17) CN1 AD0
7. if you have a mapper 64k it is easy to modify to 128k
8. superpose 8 x M3764 and connect all pins (do not connect pin 15 RAS)
9. cut wire pin (15) of RAM to (26) of CN1 CAS2E
10. solder 74ls32 on IC405 and reconstruct the missing wire

good luck with your construction!



