

Philips NMS 1205 Music Module Expander

256 kB Sample RAM, MSX-Audio Basic, original software

Original by: Bas Kornalijslijper

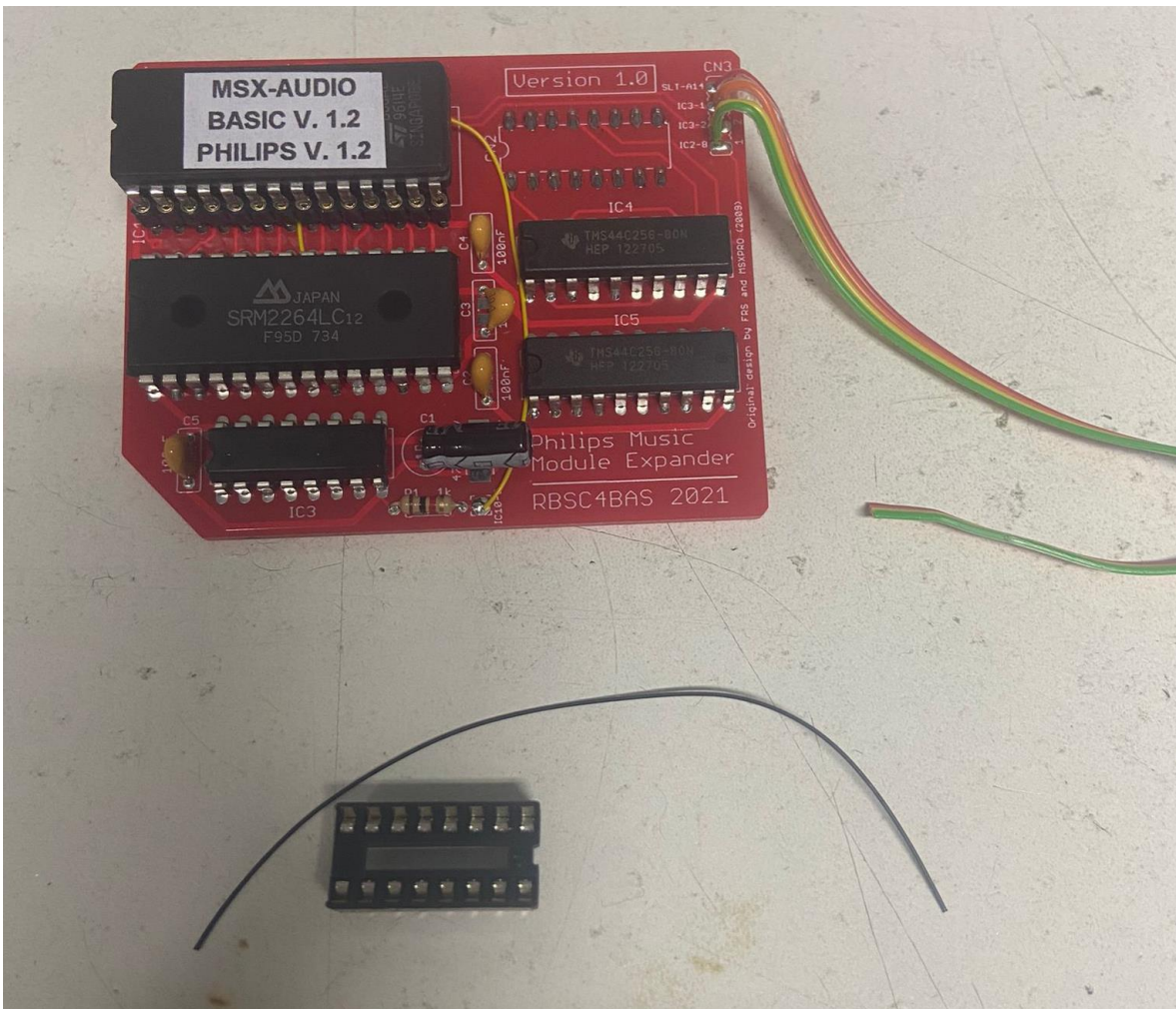
Translated by: Bart Hamer

Warning:

The most important part in the Music Module is the printed circuit board (PCB). Parts can be replaced, but not the PCB. Do not try to unsolder the parts, but cut them loose and then remove the solder pins. The use of IC sockets is recommended.

The package consists of the following parts:

- Completely pre-assembled expansion board
- 16-pin IC socket
- Black wire



The contents of the upgrade package.

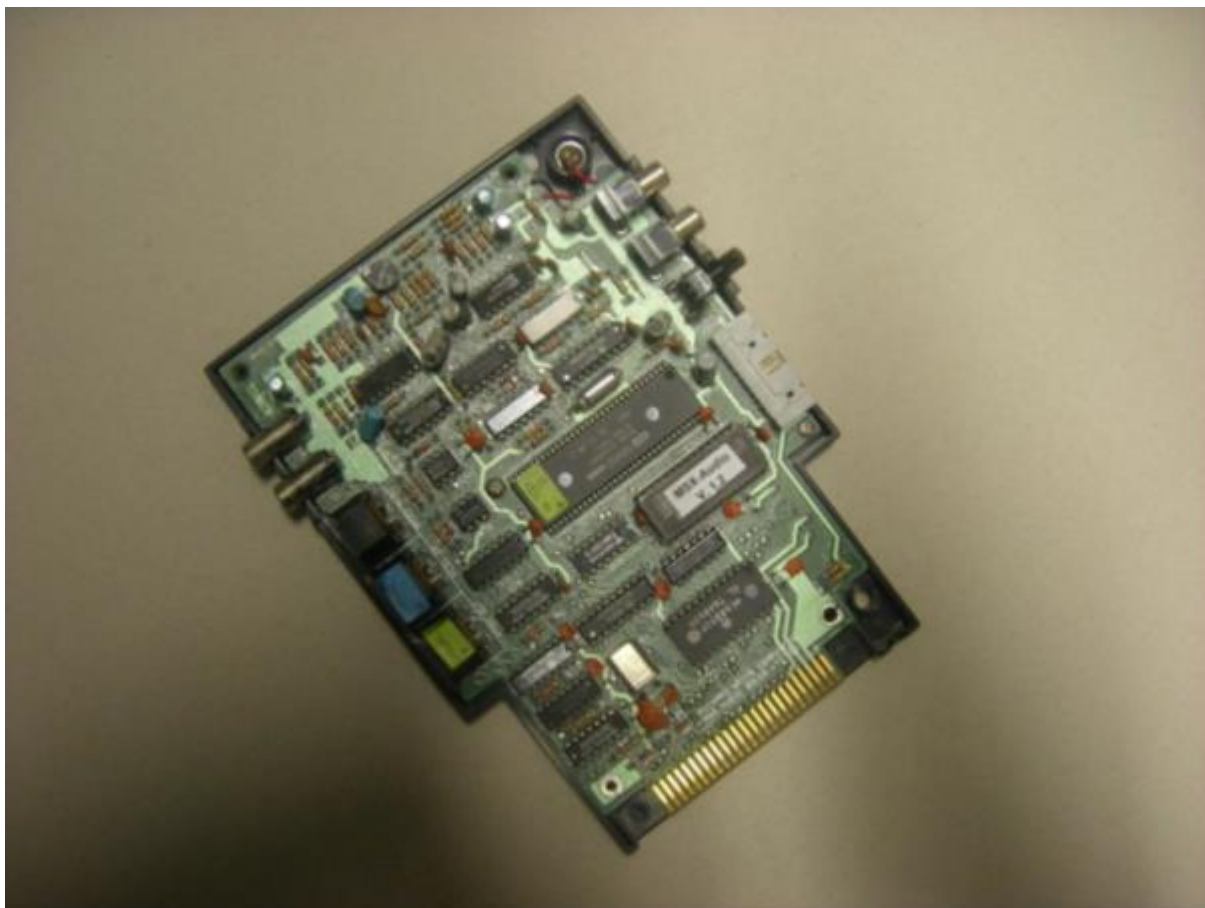
Shortened installation instructions:

- Open the Music Module (4 screws).
- Desolder the wires of the microphone.
- Remove the PCB from the front of the housing (2 screws).
- Remove IC1 (EPROM on IC socket).
- Remove IC8 (21256) by desoldering or cutting it loose.
- Place a 16-pin IC socket in the free space of IC8.
- Connect IC10 pin 36 (Y8950) and IC2 pin 9 (74LS04) using the provided black wire.
- Solder the thin yellow wire from the expansion board to IC10 pin 9 (Y8950).
- Reassemble the PCB in the front of the housing (2 screws).
- Solder the microphone wires.
- Place the expansion board in the IC sockets of IC1 and IC8.
- Solder the red wire to pin 25 of the slot connector.
- Solder the orange wire to IC3 pin1 (74LS00).
- Solder the yellow wire to IC3 pin 2 (74LS00).
- Solder the green wire to IC2 pin 8 (74LS04).
- Close the case by putting the back cover into place (4 screws).

→ Important keys:

ESC = Start original software

TAB = Disable MSX-Audio Basic



Philips NMS 1205 Music Module without its back cover.



IC1 has been removed and IC8 has been replaced by an IC socket.



Philips NMS 1205 Music Module with installed expansion board.