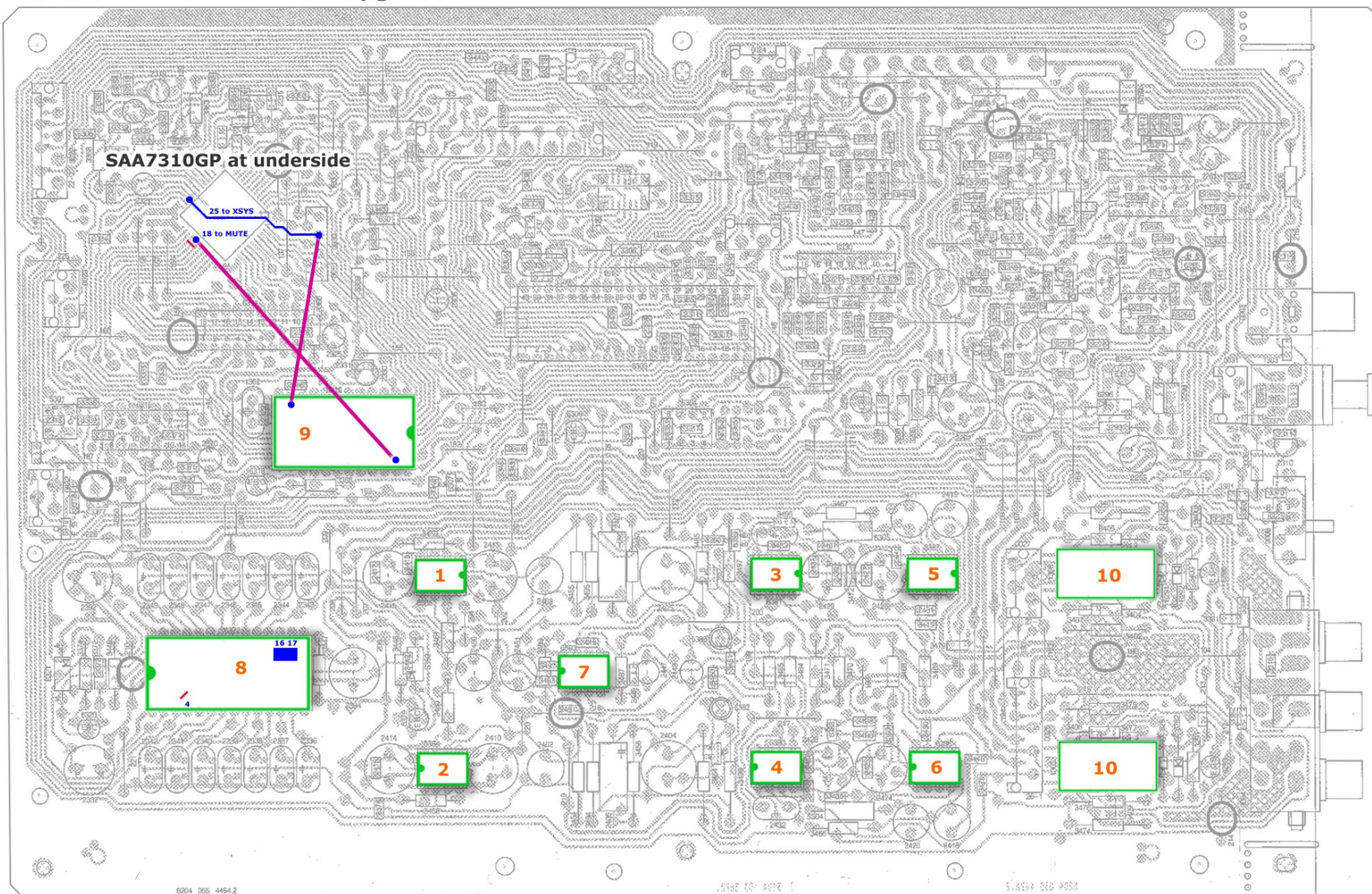


Marantz CD 80 metronom upgrade main PCB



Operational amplifier

- 1** 825 single
 - 2** 825 single
 - 3** 1655 single
 - 4** 1655 single
 - 5** 1655 single
 - 6** 1655 single
 - 7** 1655-1655 double
- all without sockets!

8 metronom module

- desolder TDA1541A or existing socket
- set solder bridge A-type at underside of the metronom for TDA1541A
- **cut** the trace to pin **4** at the underside
- remove capacitor **680p** (2335) at pin**16** and **17** at underside
- solder in the metronom module
- insert TDA1541A in the module

10 output relays

In many CD players, the signal runs through the relay to ground during inactivity. Here in the CD 80, the signal runs through the relay to the output during activity. It is recommended to renew the output relays, aged junction contacts in the relay cause distortions due to changing transition resistances to the amplitude strength

9 NOS bridge

- desolder SAA7220
- solder in NOS bridge
- **wire connection** from NOS bridge NOS bridge pin 11 to pin **25** at SAA7310 (underside)

For activate different mute functions

- **cut** trace to pin **18** SAA7310 (underside)
- **wire connection** from NOS bridge
 - NOS bridge pin 22 for mute on search
 - NOS bridge pin 23 for mute on pause, skip to pin **18** SAA7310 (underside)

- 1655-1655 double
- 1655-1655 double
- 1655-1655 double

all without sockets!