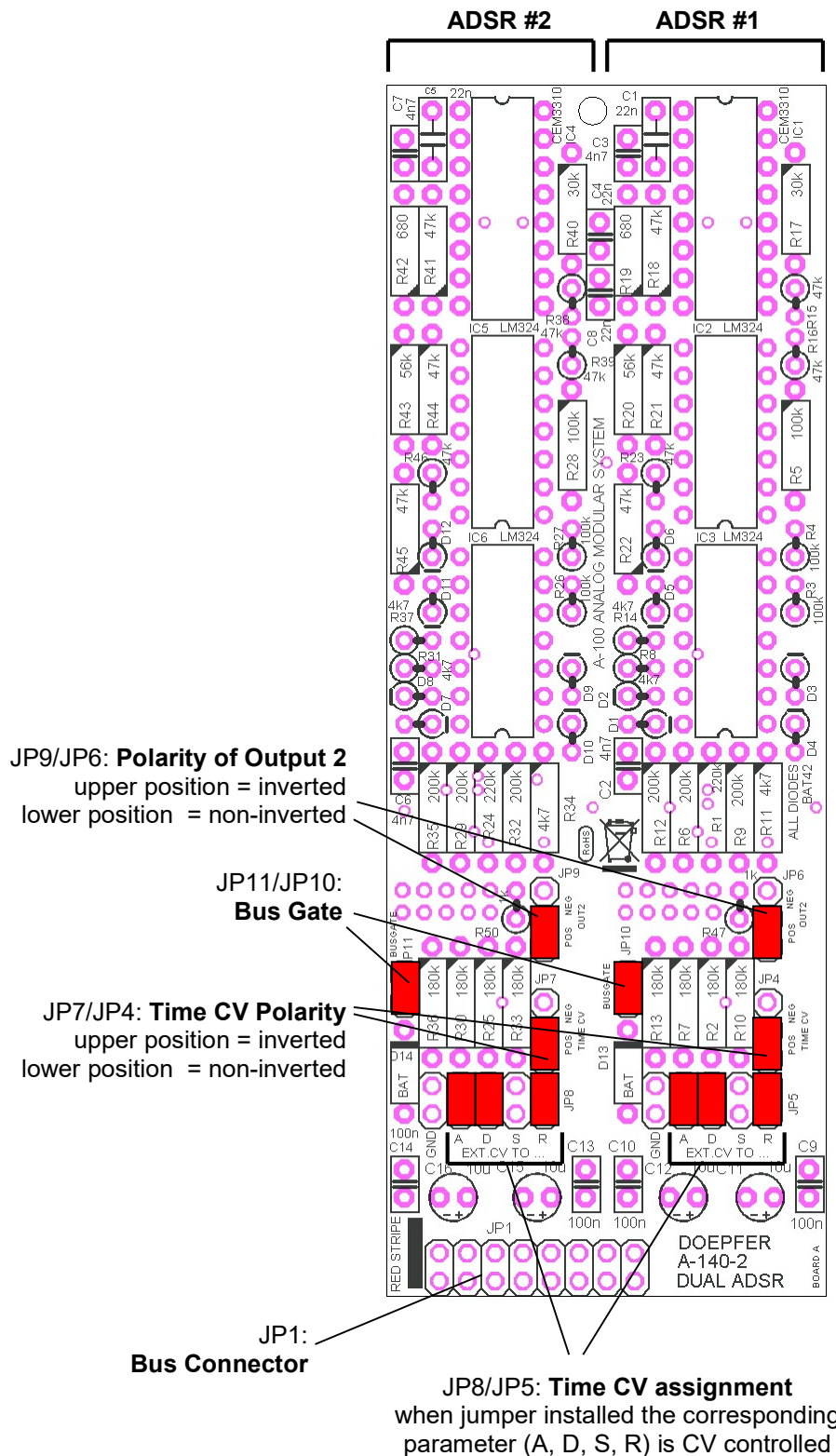


ANALOG MODULAR SYSTEM A-100

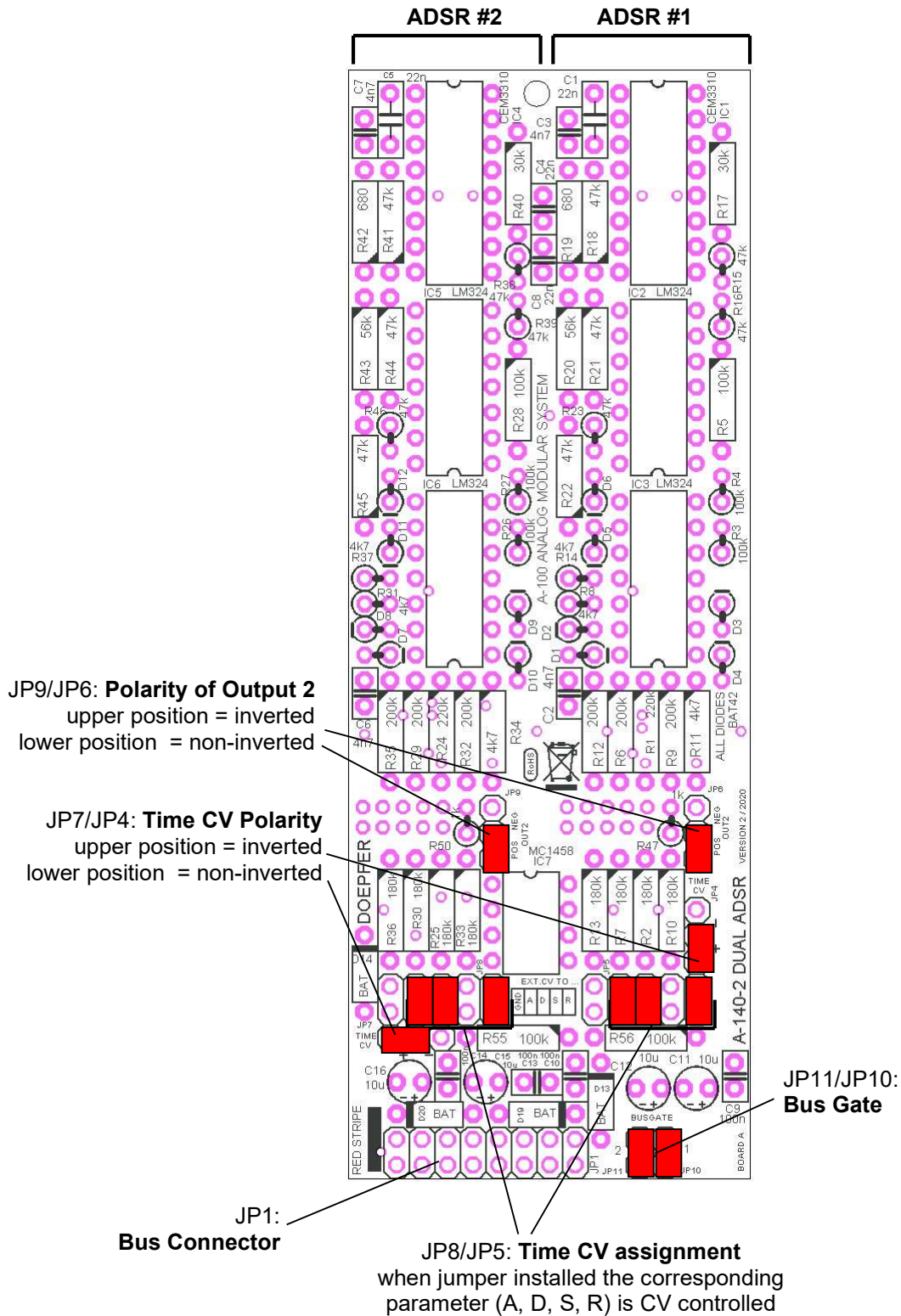
A-140-2 Dual ADSR

Position and function of the jumpers and connectors Board A
Version 1



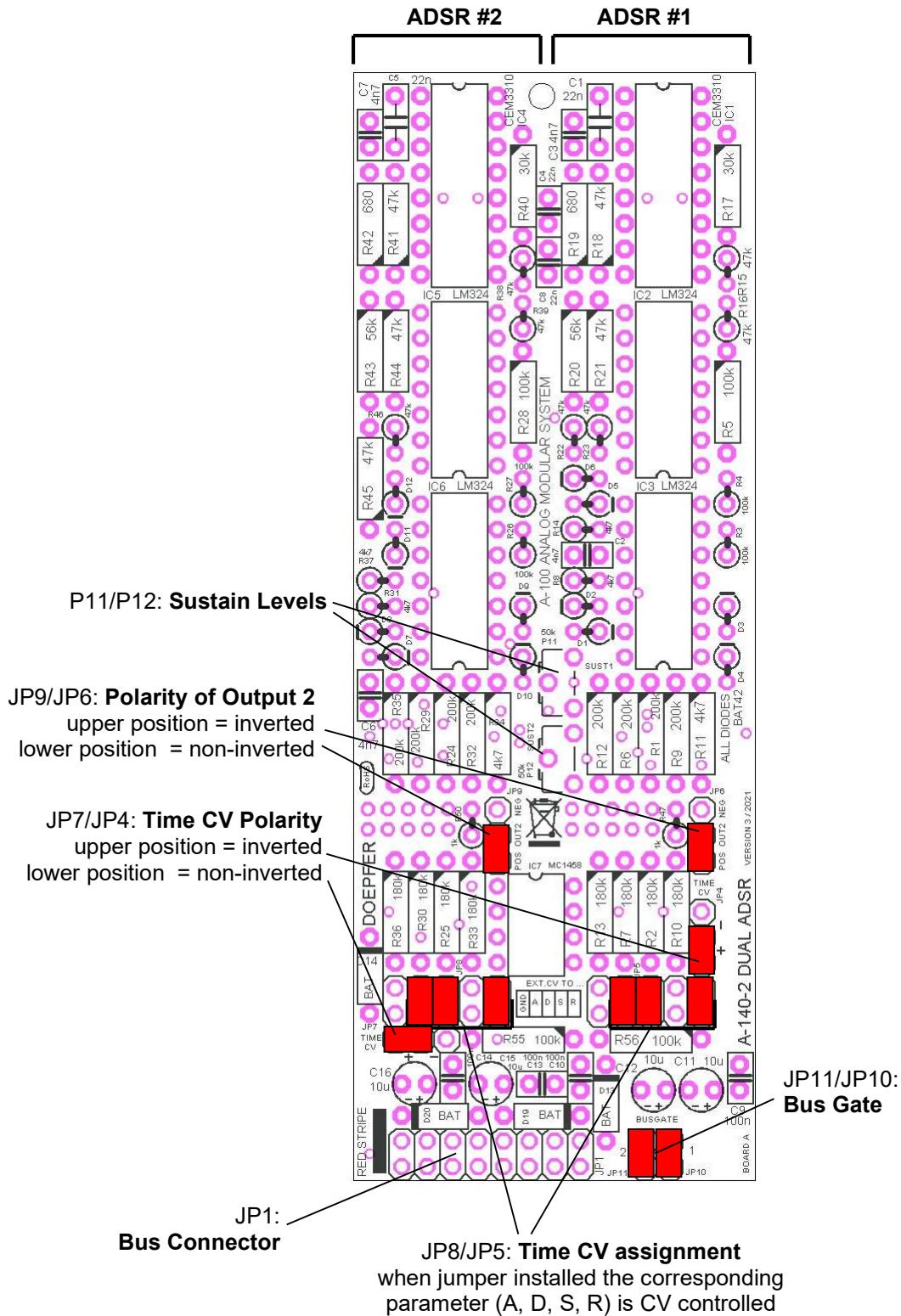
- The picture shows the factory setting of the jumpers.
- To change the polarity of the second output (Output 2) the position of JP6/JP9 has to be changed.
- To disconnect the unit from the gate signal on the bus JP11/JP10 has to be removed.
- To change the direction of the time control voltage CVT (i.e. if an increasing CV increases or decreases the time parameters) the position of JP7/JP4 has to be changed
- If a parameter (A, D, R) should be removed from the CVT control the jumper in question has to be removed
- Normally Sustain is not affected by CVT (as it's not a time parameter) and the corresponding jumper is not installed in the factory. If voltage control of Sustain is desired the corresponding jumper has to be installed on the position "S" of JP8/JP5

Position and function of the jumpers and connectors Board A Version 2



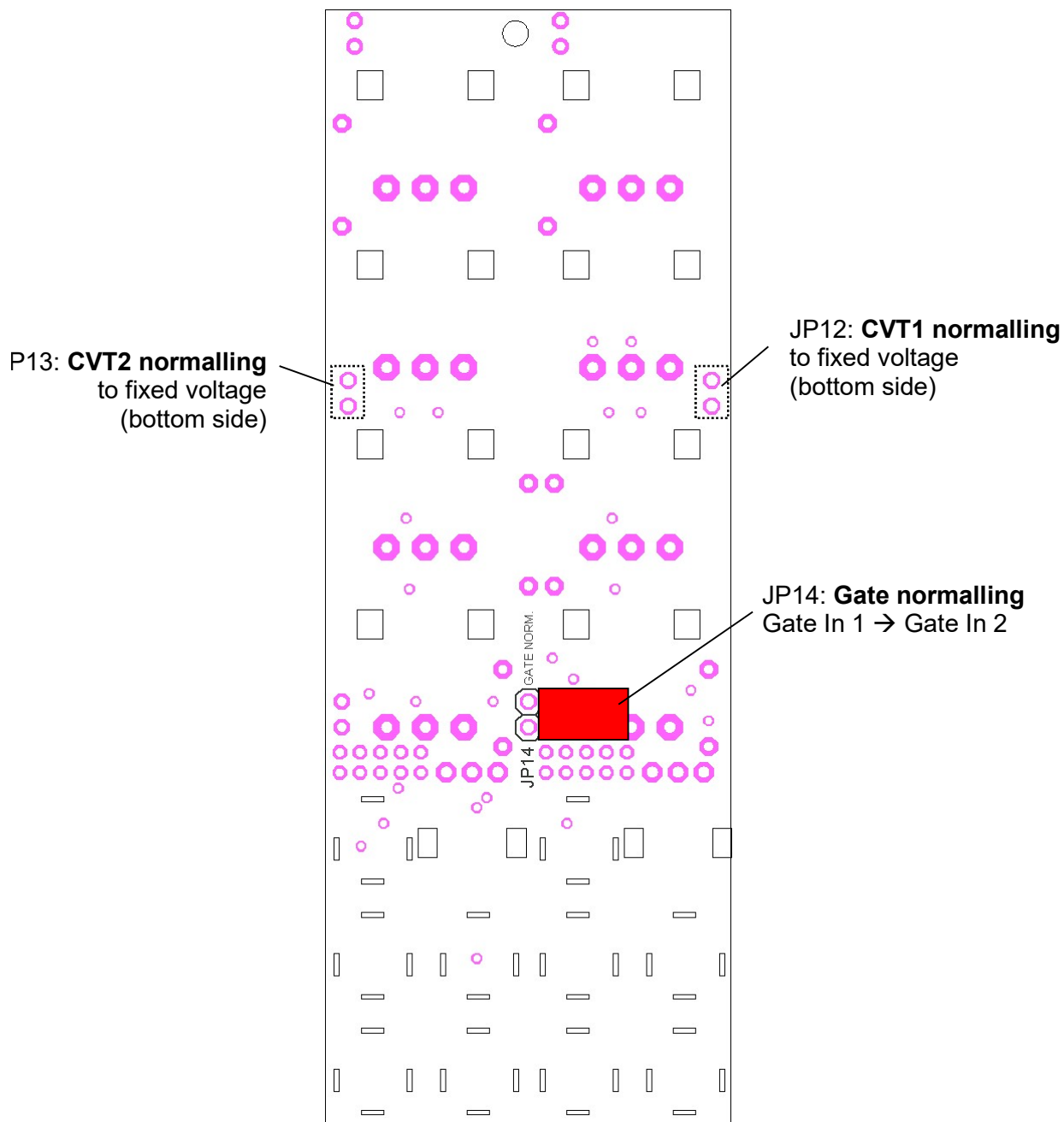
- The picture shows the factory setting of the jumpers.
- To change the polarity of the second output (Output 2) the position of JP6/JP9 has to be changed.
- To disconnect the unit from the gate signal on the bus JP11/JP10 has to be removed.
- To change the direction of the time control voltage CVT (i.e. if an increasing CV increases or decreases the time parameters) the position of JP7/JP4 has to be changed
- If a parameter (A, D, R) should be removed from the CVT control the jumper in question has to be removed
- Normally Sustain is not affected by CVT (as it's not a time parameter) and the corresponding jumper is not installed in the factory. If voltage control of Sustain is desired the corresponding jumper has to be installed on the position "S" of JP8/JP5.

Position and function of the jumpers and connectors Board A Version 3



- The picture shows the factory setting of the jumpers.
- To change the polarity of the second output (Output 2) the position of JP6/JP9 has to be changed.
- To disconnect the unit from the gate signal on the bus JP11/JP10 has to be removed.
- To change the direction of the time control voltage CVT (i.e. if an increasing CV increases or decreases the time parameters) the position of JP7/JP4 has to be changed
- If a parameter (A, D, R) should be removed from the CVT control the jumper in question has to be removed
- Normally Sustain is not affected by CVT (as it's not a time parameter) and the corresponding jumper is not installed in the factory. If voltage control of Sustain is desired the corresponding jumper has to be installed on the position "S" of JP8/JP5.

Position and function of the jumper Board B



JP14 is an horizontal (lying) jumper and is located on the lower board. To remove or install this jumper a suitable tool has to be used (e.g. a small plier) because it's between the two boards. One may also remove the upper from the lower pc board for easier access. For this the mounting screw at the top of the board has to be removed and the upper board removed from the lower board by pulling out the two 10-pin connectors.

Pay attention to correct alignment of the two small 10-pin connectors that are used to connect the two boards when the upper board is re-installed. Otherwise the module will be damaged ! Such a damage cannot be treated as a warranty case !