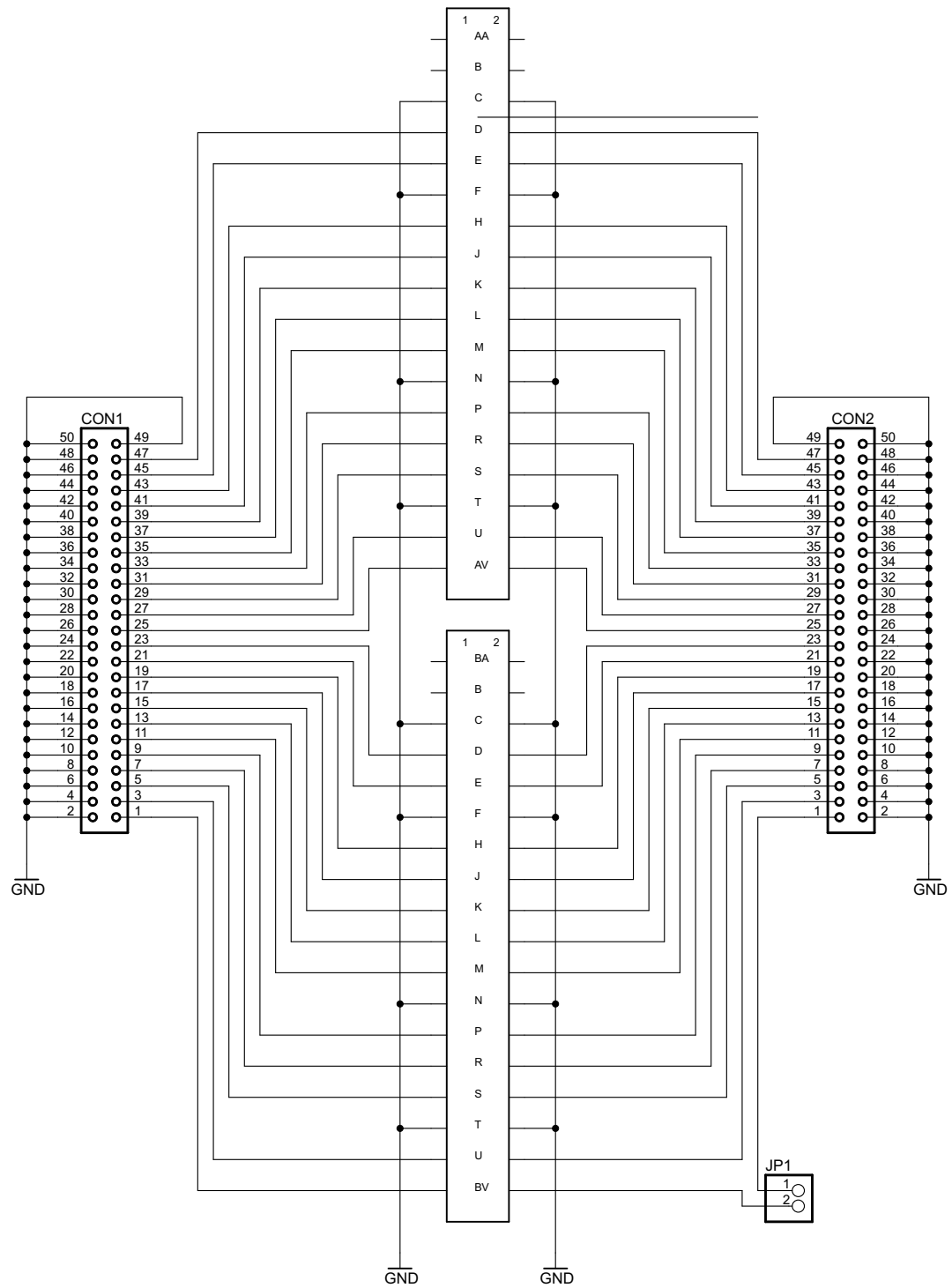
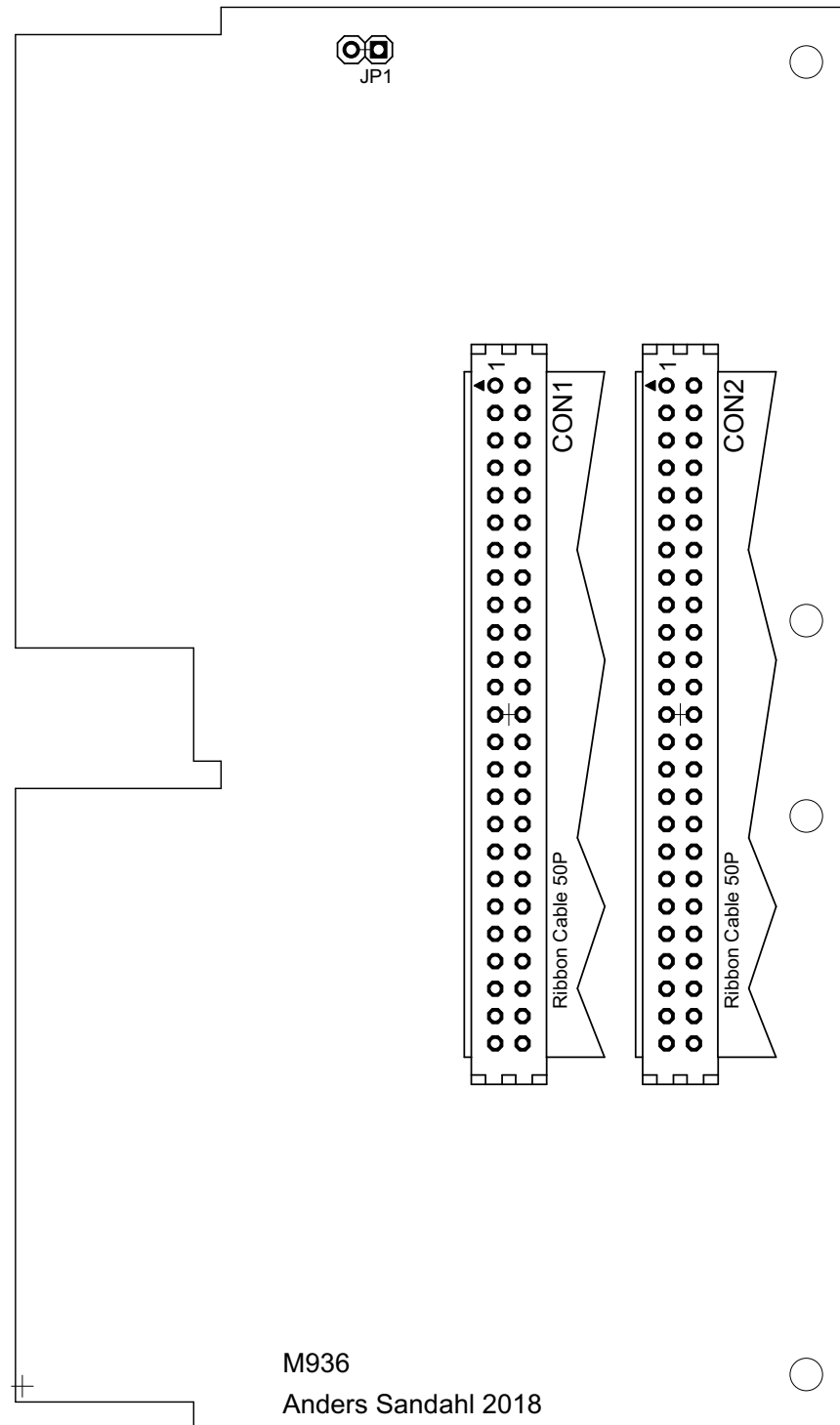
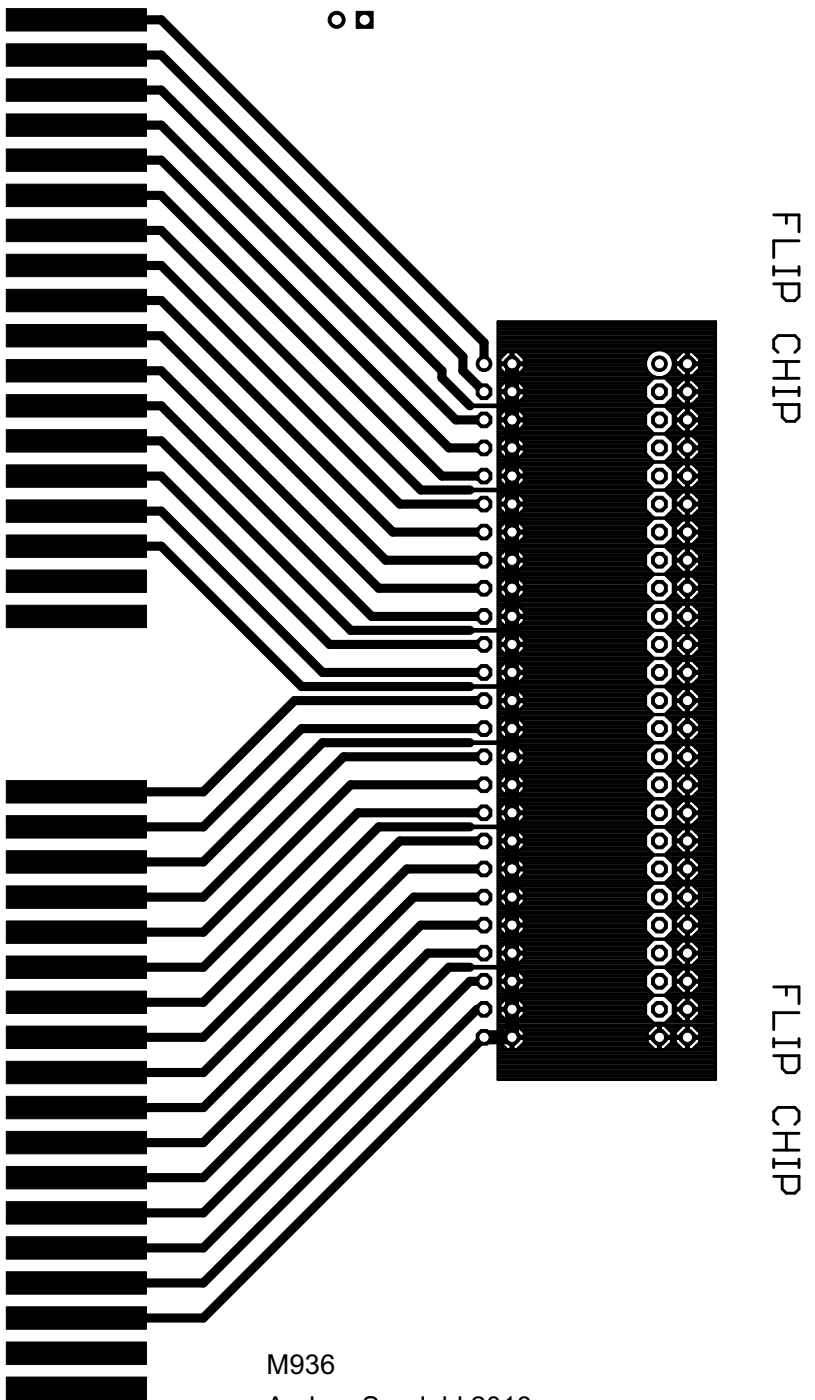
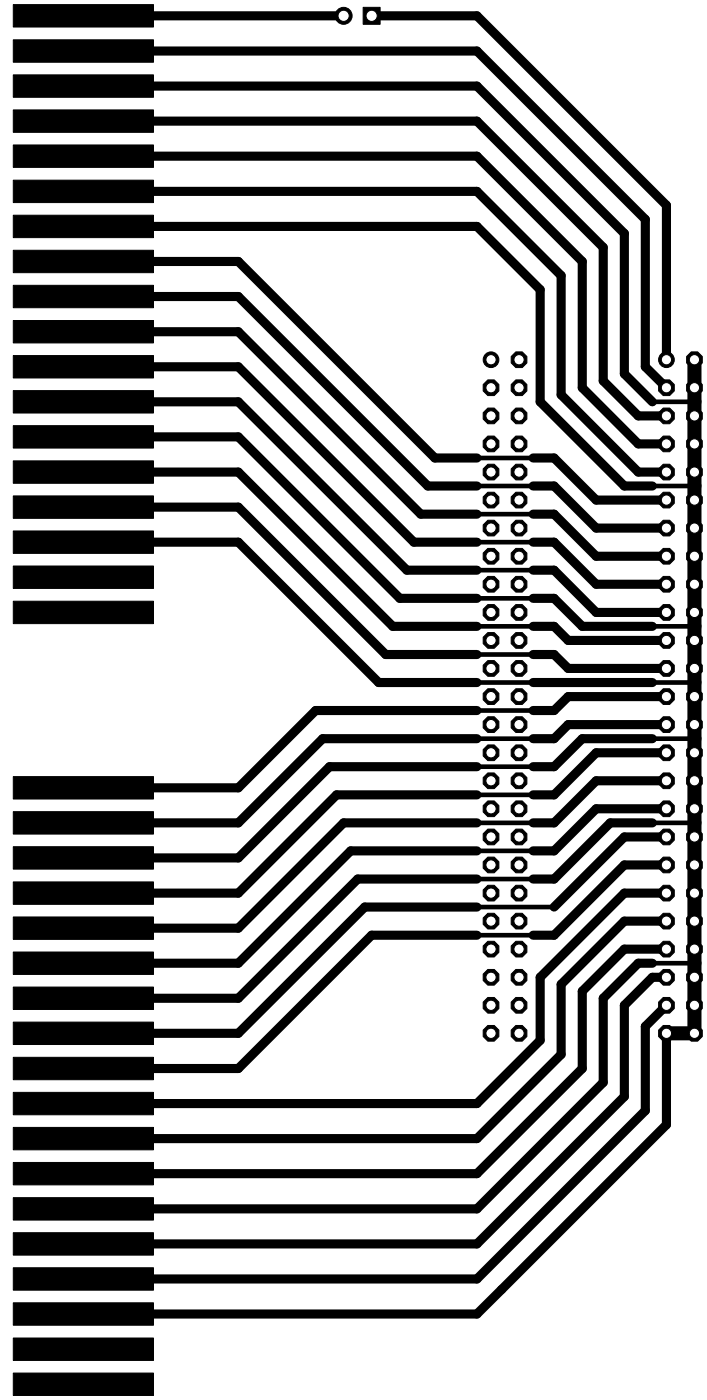
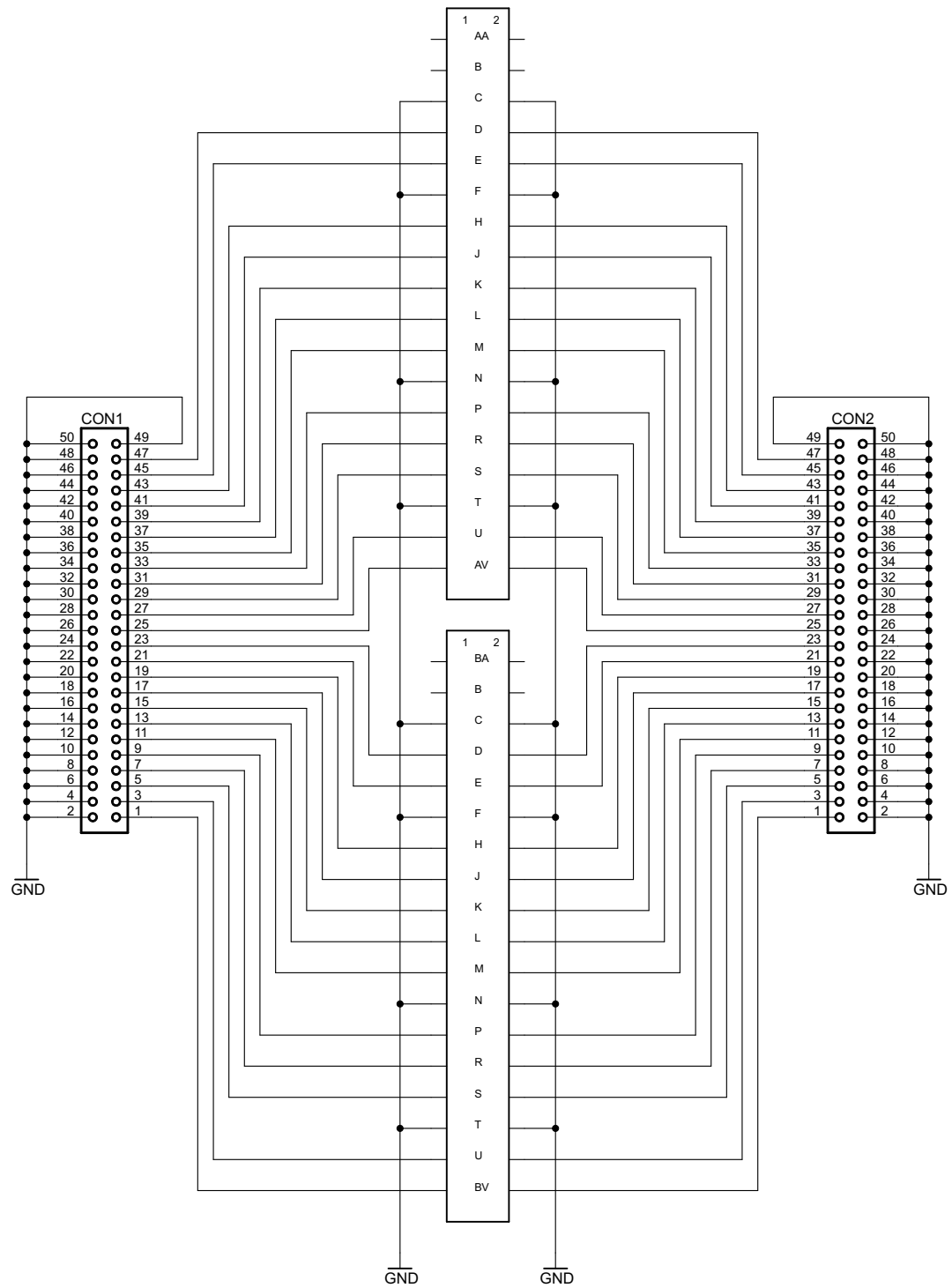


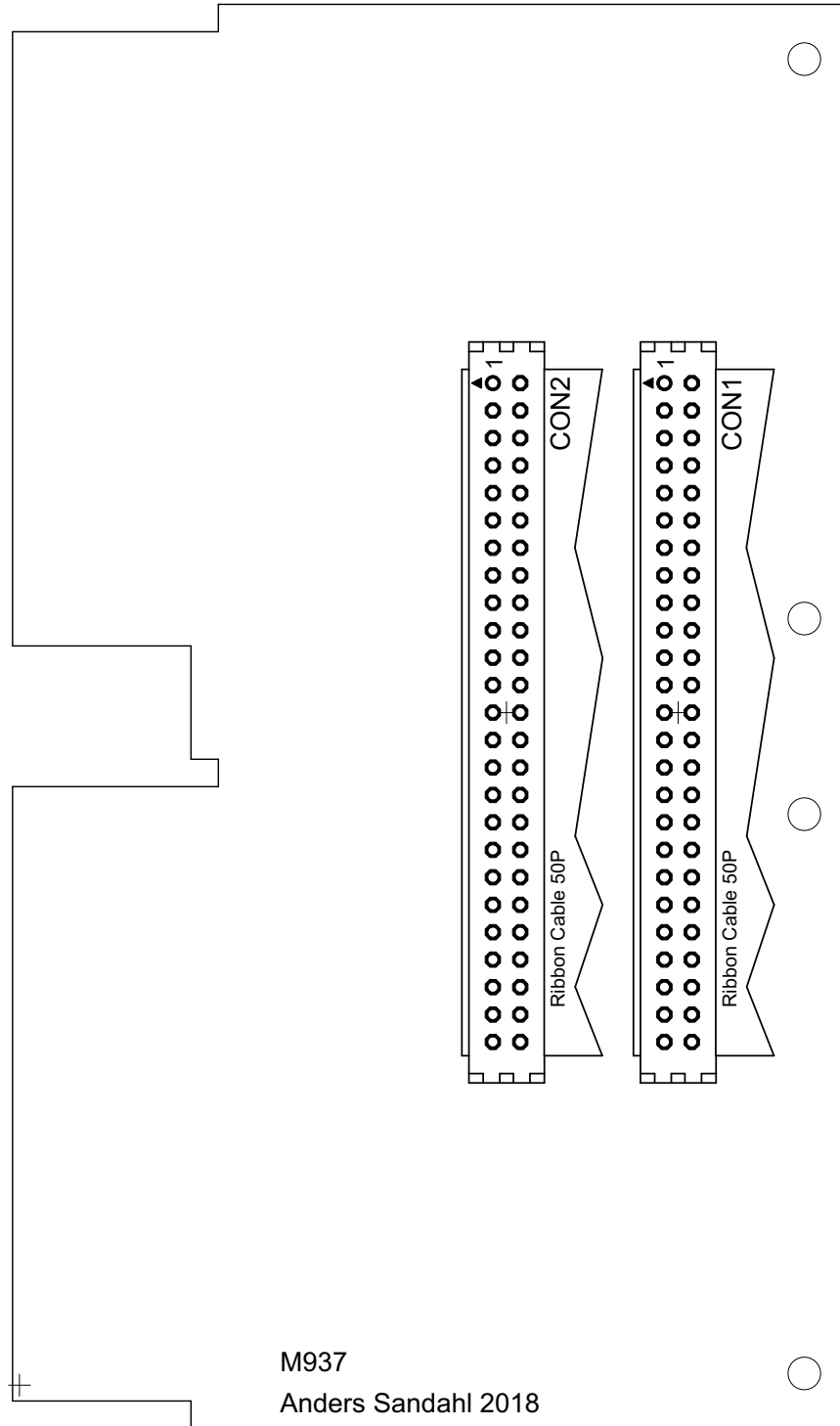


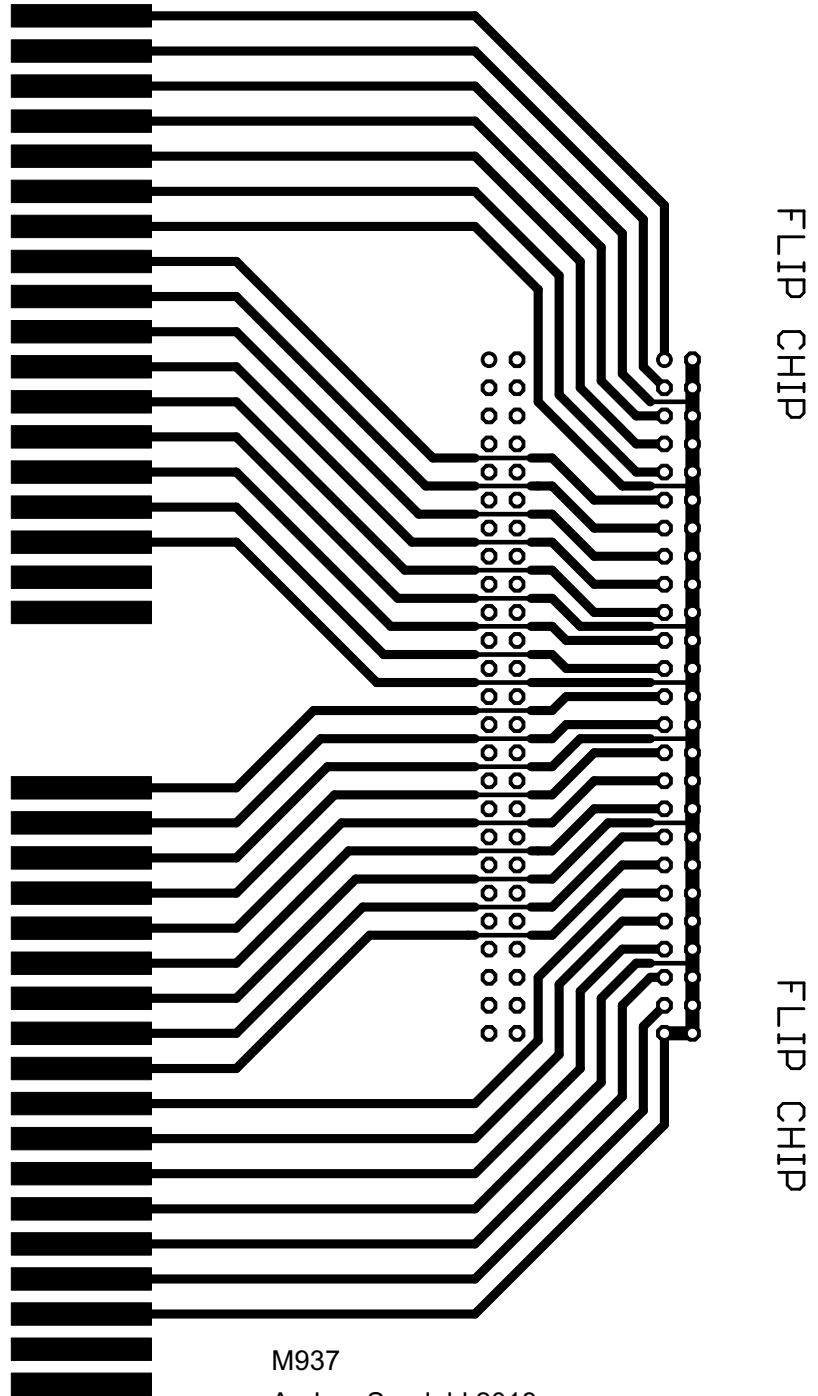






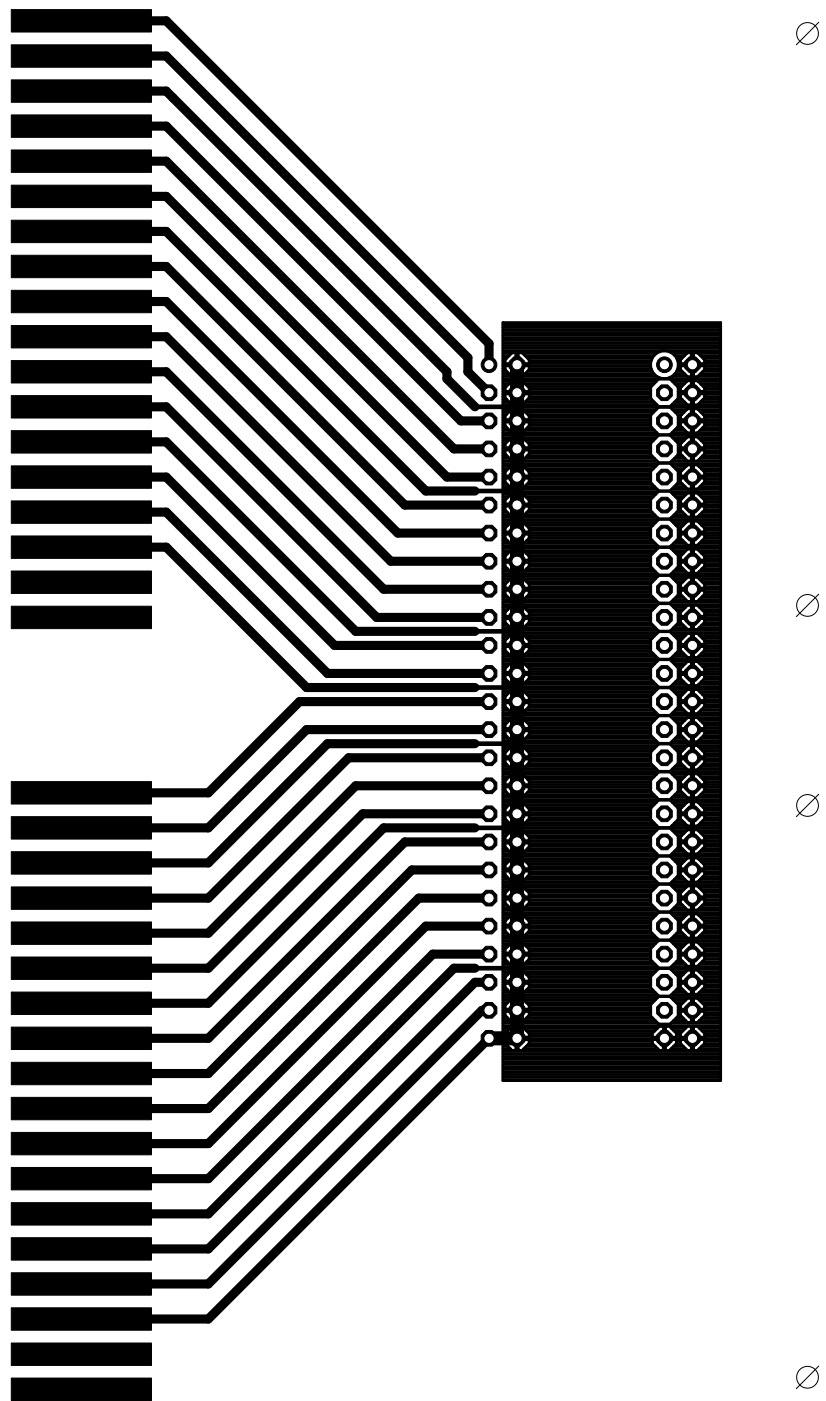


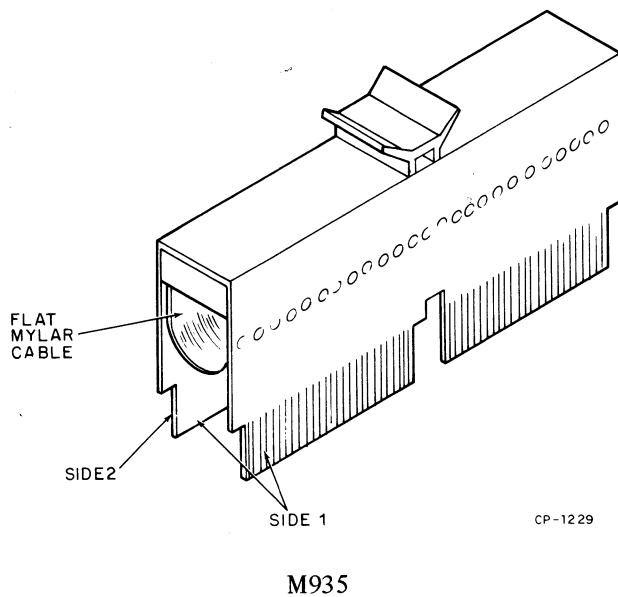




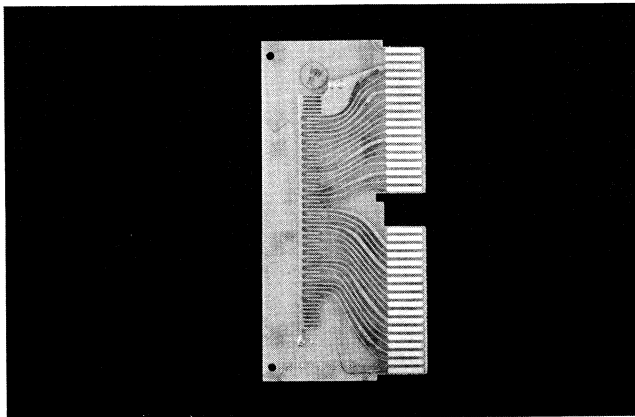
M937

Anders Sandahl 2018

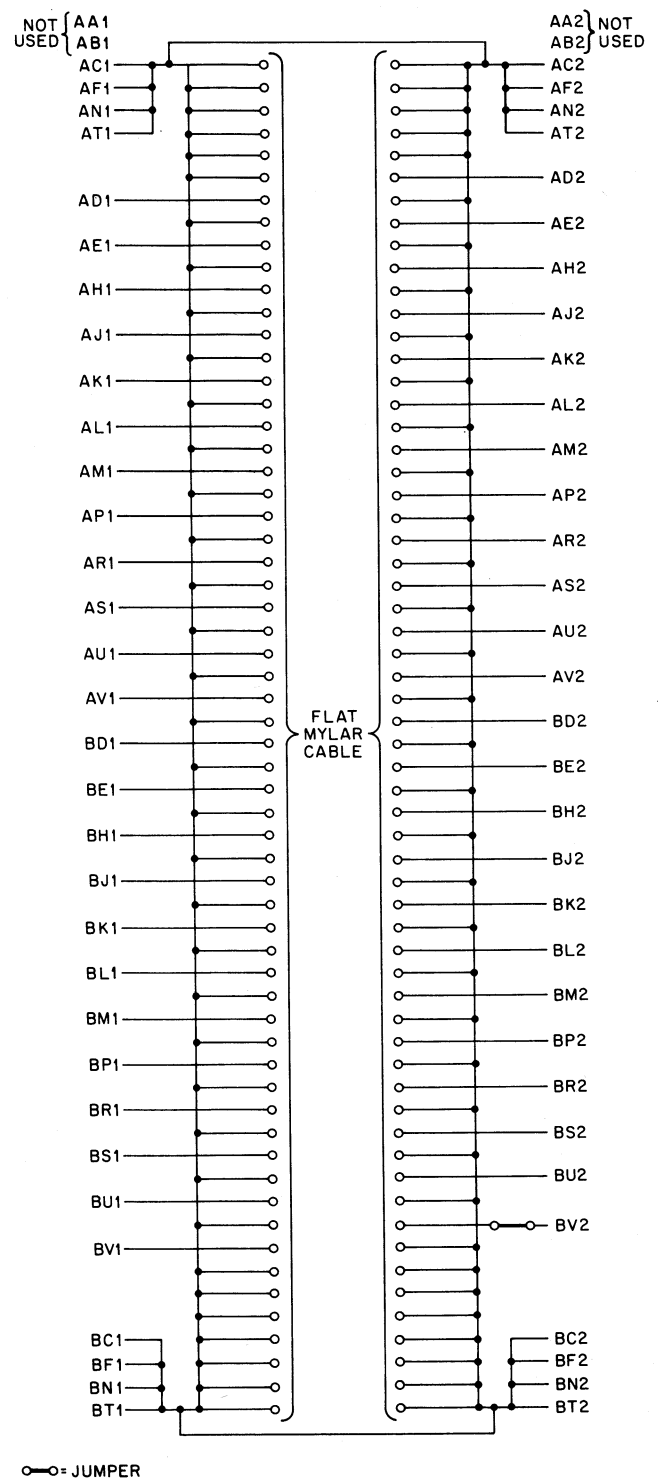




Cable Connector – M936



The M936 is a double-height, short length cable connector with 36 contact fingers on each side; it can accommodate two 17-00002-1, sixty-conductor, flat mylar cables. This connector is usually used to connect one-half of the Omnibus to the system unit in an external mounting drawer or cabinet, or to connect a peripheral device not located in the drawer. Two M936s are required to extend the complete Omnibus. Forty-eight contact fingers on each M936 can be assigned to Omnibus signals, 16 are dedicated to ground, and four are not used, as shown on the following schematic diagram. One contact finger, BV2, is equipped



CP-1230

M936

with a removable jumper in series. This jumper must remain installed except under circumstances that meet the following criteria:

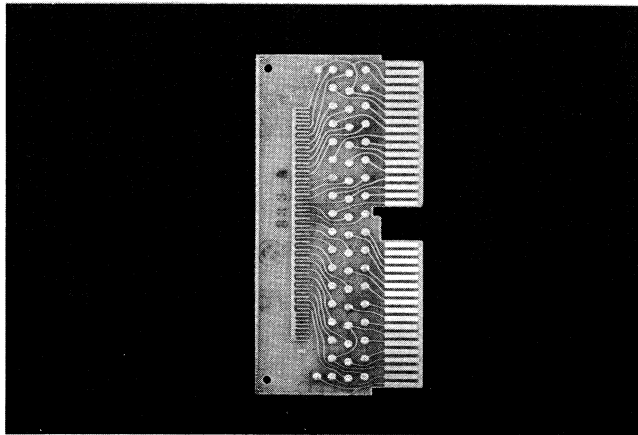
- 1. A positive I/O bus interface (KA8-A) option is utilized as an external bus for a peripheral device, and
- 2. It is not desired to utilize the B INITIALIZE 1 pulse at the peripheral device [at power turn-on and by the Clear All Flags (CAF) IOT, 6007₈].

Under these circumstances, the jumper in series with contact finger BV2 on the M936 in slots A and B must be removed. The cable conductors must be soldered to the board etch using printed circuit solder techniques. This connector provides an alternate signal/ground cable conductor configuration. Cable clamp 12-09764 can be used with this connector for strain relief.

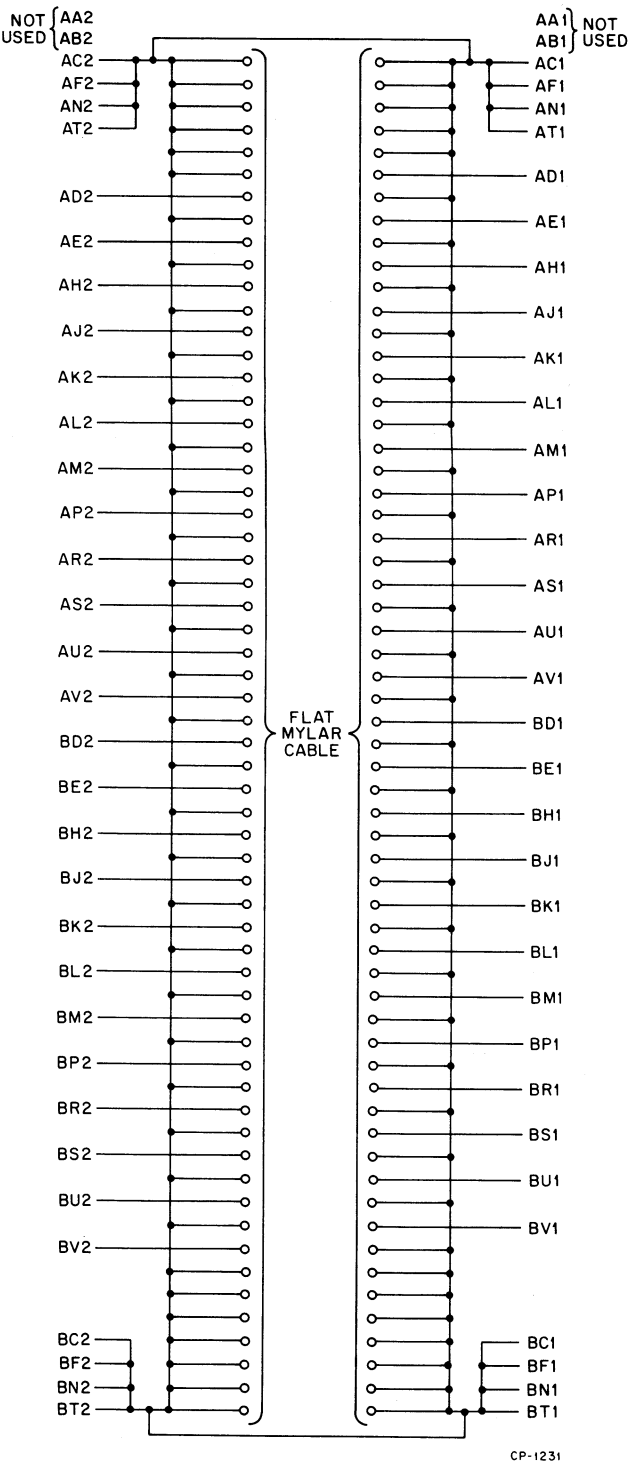
NOTE

An M937 cable connector is usually used on the other end of the cable.

Cable Connector – M937



The M937 is a double-height, short length cable connector with 36 contact fingers on each side; it can accommodate two 17-00002-1, sixty-conductor, flat mylar cables. This connector is usually used on a cable that is equipped with an M936 cable connector. The M937 is a mirror image of an M936. (See the following schematic diagram.) The cable conductors must be soldered to the board etch using printed circuit solder techniques. Cable clamp 12-09764 can be used with this connector to provide strain relief.



M937

CP-1231