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StyleWriter: Logic Board Identification

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TOPIC -----

Is there an easy way to differentiate between a Revision A and Revision B StyleWriter logic board? Although they have different service part numbers, the layouts and parts look identical.

DISCUSSION -----

There are several ways to identify the two boards. The easiest is by checking the part number of the IC 5 ROM -- the ROMs have different part numbers.

Rev. A ROM Graphic (pin 1 is at the lower-left corner)

```

-+-+--+--+--+--+--+--+--+--+--+--+--+--+--+--+
| QH8-8381-04          |
| (This area may contain |
| additional information |
| depending on ROM type.) |
-+-+--+--+--+--+--+--+--+--+--+--+--+--+--+--+

```

Rev. B ROM Graphic (pin 1 is at the lower-left corner)

```

-+-+--+--+--+--+--+--+--+--+--+--+--+--+--+--+
| QH8-8480-01 Ver. 2.00 |
| '91                   |
| Apple Computer, Inc.  |
| Japan xxxxx           |
-+-+--+--+--+--+--+--+--+--+--+--+--+--+--+--+

```

Another way is by checking the part number that is silkscreened on the PCB between the paper-feed motor and paper-out switch connectors.

The Rev. A logic board has this information:

QG2-5053
PWB QH1-1148-xx

The Rev. B logic board has this information:

QG2-2403
PWB-QH1-1176-xx

In addition, there were some minor component changes:

- IC12 and IC13 on the Rev. A board were combined into one component on the Rev. B board -- now labeled IC12.
- IC2, L4, C8, and C9 are not present on the Rev. B board.

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