





The Excel DT9205A is a single chip meter possibly based on a variant of the Intersil ICL7106 in a *Chip on Board* (COB) package. There does not appear to be any markings on the IC, so if anyone at the factory knows what it is for sure, feel free to drop an email, I would also like a circuit diagram if it is available.

There are many variants of this meter, which look the same and have the same construction and PCB. They all carry the same number 9205, which is the processor number. However, the price can vary from as much as £20.00 to as little as £6.00. The following is a list of some models I saw on eBay.

- BEST DT9205M
- EXCEL DT9205A
- EX-L DT9205A
- UN3F DT9205A
- K1BO DT9205A
- V1NF DT9205A
- E0Xc DT9205A

View



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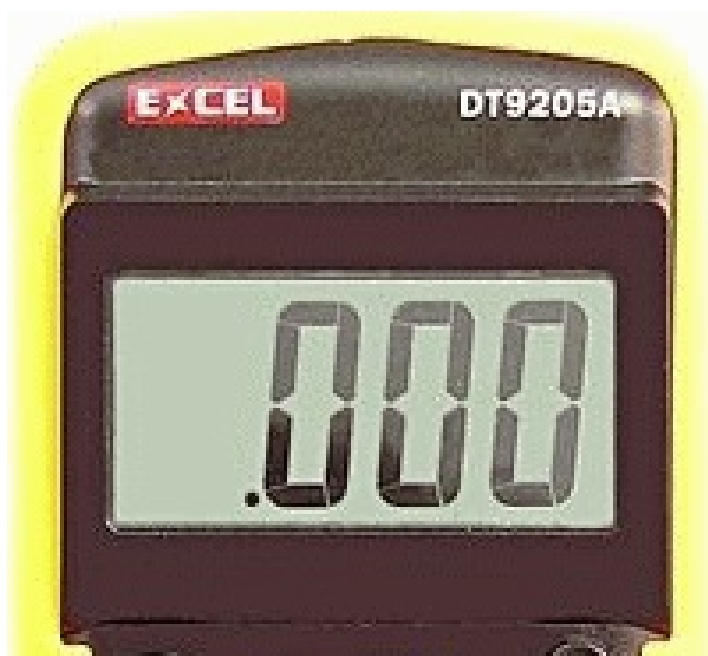
This digital meter is worth getting. As you can see, the internal electronics are sound, well designed, and manufactured.



COB packages are cost-effective as they occupy less space and are easy to incorporate onto the circuit board by automation. This saves labour and materials, making it cheap to manufacture the meter.

This is most probably a variant of the *ICL7106* single chip meter solution. I have designed a digital meter based on the ICL7106 chip that is worth having a look.

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[Excel DT9205A Switch Mechanism](#)

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