Portable Curve Tracer
Team 10

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Product Description

Affordable, easy NPN device test system. This curve tracer is the perfect fit for any small lab or DIY electronic project.

- On board display & interface
- Small lab bench footprint allows portability
- Simple yet effective design at competitive cost
- Marketed in USA
Key Requirements

• $300 list price
  ▫ $50 component cost
  ▫ $150 maximum production cost

• Environment
  ▫ Intended for indoor use
    • Temperature range: Min-0, Max-60, Norm-25 Celsius
    • Humidity: 0-100% non-condensing.

• (Power input)
  ▫ 120 V 60 Hz input
  ▫ Standard wall plug

• Functionality
  ▫ Allows user to set transistor gate current step, Collector voltage.
  ▫ Displays device characteristic curve, all test parameters
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