tinytapeout

General Purpose
BCD to 7-Segment Decoder

FEATURES

- All segment outputs *Guaranteed* Over Temperature
- Automotive unqualified
- It does what it is supposed to do
- *Overvoltage detection* capability on all pins with audio-visual feedback. Non-resettable

APPLICATIONS

- Washing machines
- Artificial Intelligence, Machine Learning
- Blockchain..?

PACKAGING

- "ECO" Clear, unlabeled, mini ziploc bag without carrier / tray / reel
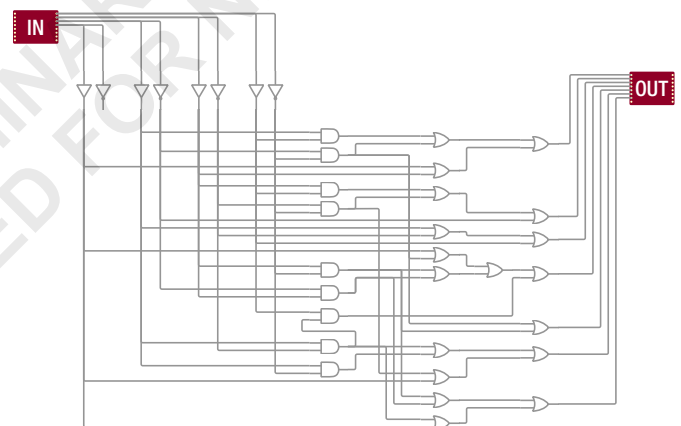
ORDERING INFORMATION

- Contact sales with budgetary quantity (kg/lbs)
- Please specify any additional requirements
  e.g. "Use a nice, sensible footprint like the PWD13F60"
- For sample requests, attach a copy of your company's audited financial statements for the past 5 years

DESCRIPTION

The NO-PARTNUMBER consists of a general purpose, binary-coded decimal to seven-segment display decoder.

The decoder block accepts four lines of BCD input, decodes and generates seven output signals that may be directly connected to a standard 7-segment display.
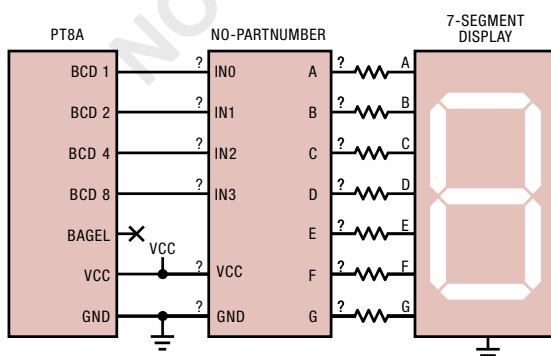
The NO-PARTNUMBER is manufactured by using the SkyWater SKY130 process through the TinyTapeout programme (MPW-7) by Matthew Venn (@matthewvenn).

WOKWI: 341152580068442706

TYPICAL APPLICATION

Toaster with 7-segment timer display

Overvoltage Characteristics

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