

Wants The Truth

- I read with considerable interest Mr. Perkins' article "The Versatile 555" (premiere issue, November 1984). Though the article was very interesting and informative, it would have been nice to have gotten more information on what goes on in the 555 timer, perhaps in the form of a truth table.

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Good point. Here it is below.—Ed.

TRUTH TABLE

Trig. Pin 2 note 1	Thresh. Pin 6 note 2	Reset Pin 4	Trig. Comp. Output	Thresh. Comp. Output	FF Output	Amp. Output Pin 3	Disch. Pin 7
High	High	High	Low	High	High	Low	Cond.
Low	No Effect	High	High	Doesn't Matter	Low	High	Cutoff
High	Low	High	Low	Low	No Change	No Change	No Change
As Above	As Above	Low	As Above	As Above	High	Low	Cond.

Note 1: relative to voltage at pin 5

Note 2: relative to one-half voltage at pin 5