The IC troubleshooters march on.

This one spots a bad IC in 5 seconds or less.

Here comes the latest member of HP’s Troubleshooters searching out faulty ICs. Just clip the HP 10529A Logic Comparator onto an in-circuit TTL or DTL IC. If the logic function isn’t what it should be, bright red LEDs light up indicating which pins are at fault. A clever comparison scheme uses the circuit’s power and input stimulus to do all this. Even dynamic errors as brief as 200 ns are stretched and displayed.

It comes complete with a self-test board, operating manual and all accessories packed in a handy case. It costs only $295.

We’re thinking ahead. Because the case is also designed to hold our other two Troubleshooters — the HP 10525A Logic Probe and the HP 10528 Logic Clip.

The probe lets you trace pulses through integrated circuits simply by touching a pin. The probe’s tip flashes a signal for pulses as narrow as 25 ns, and indicates pulse polarity, pulse trains and logic states. It’s almost like having an oscilloscope squeezed into a ball-point pen. $95.

The clip is a convenient state indicator. It slips over your DTL or TTL package and bright LEDs display the static state of all 16 (or 14) pins at a glance. It operates like 16 binary voltmeters. $125.

You can buy all three as the HP 5010A for $495, saving you time, aggravation and $20.

The IC Troubleshooters march on. Wait until you see what we’re working on now! Just call your HP field engineer to get your hands on them right away. Or if you want to know more, write Hewlett-Packard, Palo Alto, California 94304; Europe: 1217 Meyrin-Geneva, Switzerland.

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