



4675-01

Diagnostic Lead Set

INTRODUCTION

This lead set is used to connect the P6460 Data Acquisition Probe to the diagnostic test points and test pattern generator (TPG) output connectors of the 1240 Logic Analyzer. Both the *1240 Logic Analyzer Operator's Manual* and the *1240 Logic Analyzer Service Manual* refer to the 1240 Diagnostic Lead Set and describe when it should be used.

TPG CONNECTION

When this lead set is used with the 1240 test pattern generator, be sure to connect the harmonica connector so that the white (clock/qualifier) wire is down and toward the front of the instrument. (The foregoing refers to the instrument in its normal physical arrangement; when the card cage is rotated into the service position, the white wire will be up and toward the front.)

OTHER CONNECTORS

Some of the circuit boards in the 1240 Logic Analyzer have connectors built into them that are compatible with this lead set. When connecting the lead set to these connectors, the white wire goes to the pin which is marked by the arrow and the square pad. These connectors are extremely convenient when troubleshooting one 1240 with another one.

DESIGN YOUR OWN

If you wish to use a 1240 Logic Analyzer to troubleshoot circuitry that you are designing, you should build these compatible connectors into your boards or extender cards. Putting these connectors in the extender cards saves space on the actual board and makes all of the signals readily available for logic analysis when the card is on the extender.