TELEDYNE
INSTRUMENTS
Advanced Pollution Instrumentation

A Teledyne Technologies Company

9480 Carroll Park Drive., San Diego, CA 92121-5201
Phone (858) 657-9800 Fax: (858) 657-9818 Toll Free 1800 324-5190
E-mail: api-customerservice@teledyne.com   http://www.teledyne-api.com

Service Note

10-016
15 July 2010

CPU REPLACEMENT INFO ON E-SERIES ANALYZERS

I. PURPOSE:
   To give instructions on what is needed in order to replace the Acrosser CPU P/N 041710000 with a new ICOP CPU 067830000.

II. TOOLS:
   N/A

III. PARTS:
   N/A

The Acrosser type CPU part number 041710000 is no longer available. The substitute part is 062870000 CPU, PC-104, VSX-6150E, ICOP. In order to use the new CPU with your existing instrument, your instrument must have a Generation 5 or later motherboard.

This note will help you determine what kit is needed in order to successfully replace the Acrosser CPU in your analyzer.

First, you must identify what type of motherboard your instrument currently has. This can be done by locating the part number or label in the upper right hand corner of the motherboard. (See Figure 1)

This part number must read 058021100, 058021200 or 058021400. If the part number is not correct the label **MUST** be **YELLOW** in color, the yellow label indicates that the motherboard has been reworked to the latest version to accommodate the new CPU. If both the part number and label are incorrect you must choose the kit that contains the new or reworked GEN 5 motherboard in TABLE A. Otherwise use TABLE B. (See the tables on the next page of this service note)
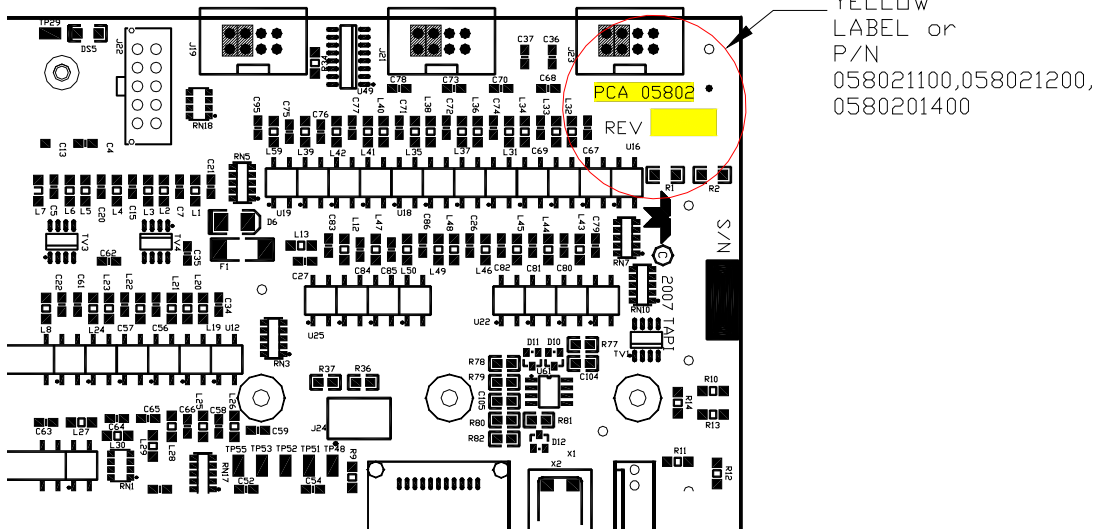
Figure 1

YELLOW
LABEL or
P/N
058021100,058021200,
0580201400

Table A

KIT #	Description	Kit contains GEN 5 M/B
KIT000319	CPU Replacement	Yes
KIT000320	CPU repl. w/existing Ethernet	Yes
KIT000321	CPU repl. w/existing Multi-drop	Yes

Table B

KIT #	Description	Kit contains GEN 5 M/B
KIT000316	CPU Replacement	No
KIT000317	CPU repl. w/existing Ethernet	No
KIT000318	CPU repl. w/existing Multi-drop	No

If you have any questions regarding retrofitting your instrument with the latest CPU please contact a Teledyne API Customer Service Representative. 858.657.9800 or api-customerservice@teledyne.com