AccessionIndex: TCD-SCSS-T.20141115.003
Accession Date: 15-Nov-2014
Accession By: Dr.Brian Coghlan
Object name: Microcosm ECU16/32 i80386/80376/80386SX In-Circuit Emulator
Vintage: c.1981
Synopsis: VME-based i80386/80376/80386SX In-Circuit Emulator (ICE), made by
Microcosm Inc, with control processor, and multi-ICE personality unit plus plugin
emulation module. P/N: ECU 16/32, S/N: 191.

Description:
In-Circuit Emulator (ICE) for Intel i80386/80376/80386SX microprocessors, made by
Microcosm Inc, 15275 S.W.Koll Parkway, Suite E, Beaverton, Oregan, USA.

Incorporates a VME card cage into which is plugged a triple VME board multi-ICE
personality unit, from which a flat cable connects to a 3-level stacked emulation
module that plugs into an i386, i376 or i386SX socket to allow the system to emulate
the target CPU. BNC sync input and trigger outputs are provided, as well logic probe
connections.

Also included is a VME-based control processor unit with an RS232 DB25 connector
for a dumb terminal as well an RS232 DB25 connector for a link to an i80286 or
i80386 PC host that runs the emulation.

Accession Index	Object with Identification
TCD-SCSS-T.20141115.003.01	Microcosm ECU16/32 In-Circuit Emulator chassis. P/N: ECU 16/32, S/N: 191.
TCD-SCSS-T.20141115.003.02	Microcosm ECU16/32 Multi-ICE Personality Unit board 1. (counting from top slot downwards)
TCD-SCSS-T.20141115.003.03	Microcosm ECU16/32 Multi-ICE Personality Unit board 2. (counting from top slot downwards)
TCD-SCSS-T.20141115.003.04	Microcosm ECU16/32 Multi-ICE Personality Unit board 3. (counting from top slot downwards)
TCD-SCSS-T.20141115.003.05	Microcosm ECU16/32 Control Processor board.

Figure 1: Microcosm In-Circuit Emulator top front view

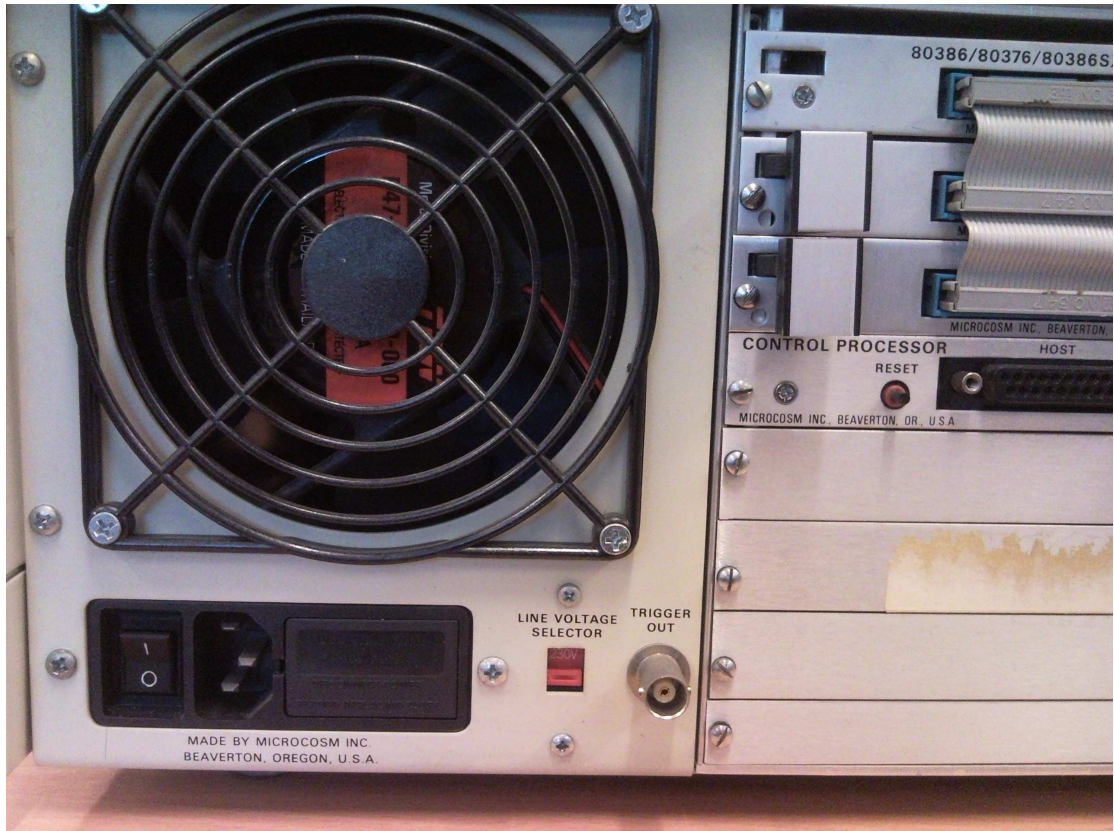*Figure 2: Microcosm In-Circuit Emulator top rear view*

Figure 3: Microcosm In-Circuit Emulator left rear view
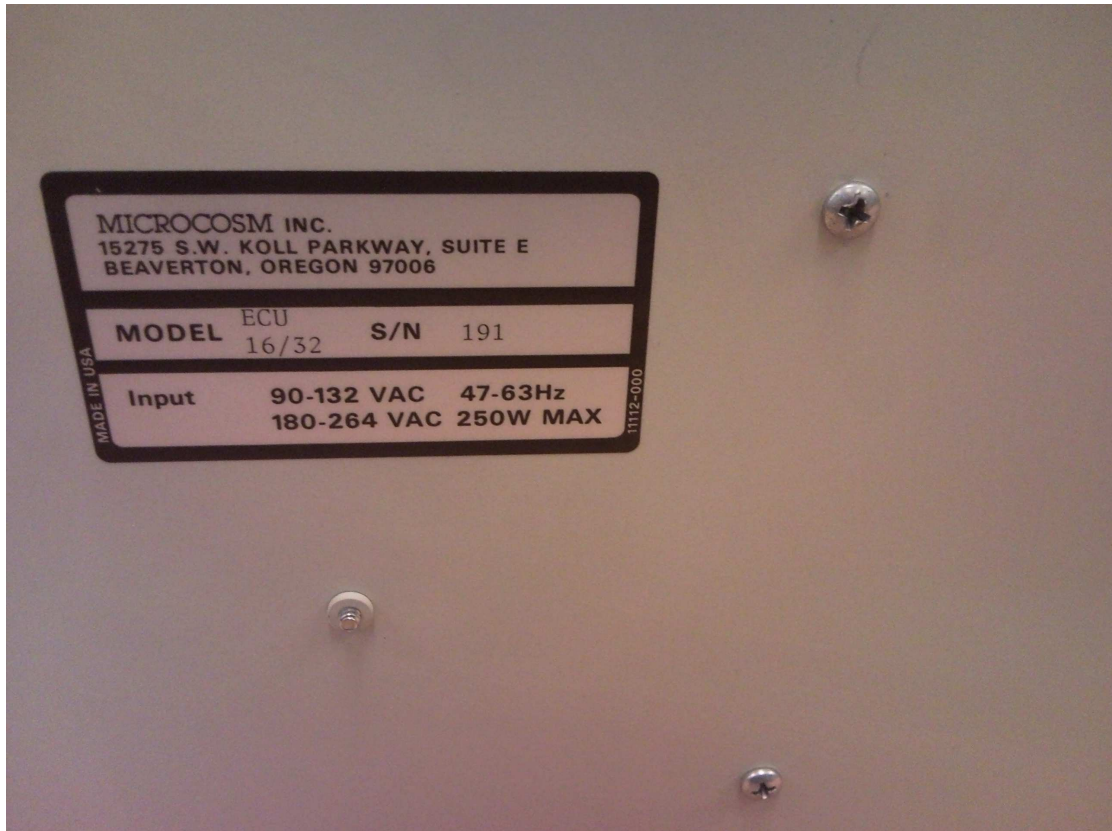

Figure 4: Microcosm In-Circuit Emulator right rear view

Figure 5: Microcosm In-Circuit Emulator serial number 191