

# Display

## Models FTC-Series

Professional Maker specialized in Display put on market NEW FTC Series 14" GB Display Monitor, housed in modern cabinet.

Design will be just fit with personal company brand in appearance and function. Active System in R.G.B. and Video-Circuits make it possible to meet with substantial tile application.

**-1416**  
 stripe pitch CRT/1600 characters (64x25)/  
 er. position adjustable/Application : Personal  
 with Hor. frequency 15.75 kHz ±400Hz

**-1420**  
 one stripe pitch CRT/2000 characters (80x25)/  
 er. position adjustable/Application : Personal  
 with Hor. frequency 15.75 kHz ±400Hz/  
 class in 2000 characters-display

**-1425**  
 dot pitch Non-Glare CRT/2000 characters (80x  
 & Ver. position adjustable/Application : Per-  
 computers with horizontal frequency 15.75 kHz

**-1430**  
 dot pitch CRT/4050 characters (90x45), 640x  
 Application: Hor. frequency 24.8 kHz ±400Hz/  
 class in 4050 characters-display

**-1450**  
 dot pitch CRT/4050 characters (90x45), 640x  
 Application : Hor. frequency 24.8 kHz ±400Hz

# ES

## 8-Position Modular Cords for Computer Equipment

Factor with Drain Wire, Aluminum Mylar Black Polyurethane Jacket, Rated VO. Modular Cords interface with RJ31X

Modular Cords interface with RJ41S and checks and used as test cord for 97A Data Blocks.

Computer applications • Keyboard to coil only • CRT to printer—straight cord

**Cords**  
 Modular, 8-position Modular plugs on both

BR-BK (unkeyed) L-M871-BR-BK (keyed)

Modular, 8-position Modular plug one

er end ring strain relief and spade tips.

QR-BK (unkeyed) L-M871-QR-BK (keyed)

**Cords (Straight)**

Modular, 8-position Modular plugs on

ts.

BU-BK (unkeyed) L-M871-BU-BK (keyed)

Modular, 8-position Modular plug one

er end ring strain relief and spade tips.

AB-BK (unkeyed) L-M871-AB-BK (keyed)

lengths available

**CORPORATION**

047

industries.

## News update

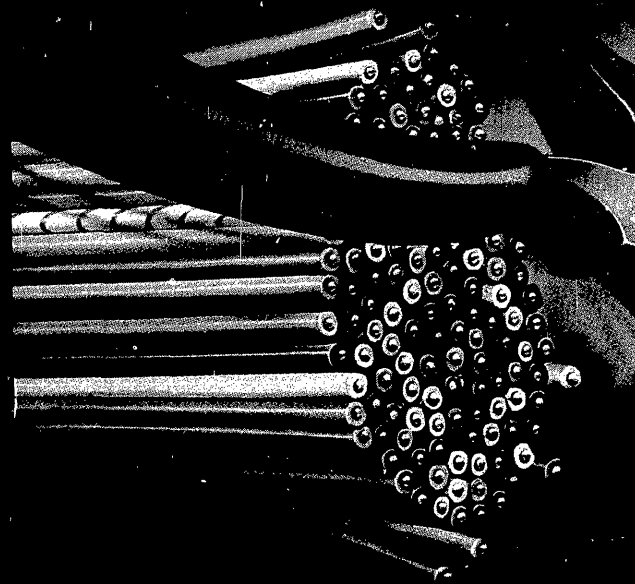
■ An automated circuit-design and layout tool with the unlikely name of MacPitts [*Electronics*, Feb. 10, 1982, p. 48] has borne out the expectations of its developers at the Massachusetts Institute of Technology's Lincoln Laboratory in Lexington, Mass. An 8-bit n-channel MOS automatic-gain controller for speech was designed in two weeks, instead of six months, and is now being fabricated, says Jeffrey M. Siskind, chief developer of the design system. A 16-bit microprocessor is ready for fabrication as well.

Siskind is so bullish, in fact, that he left the lab in September to start up his own design service for very large-scale integrated parts, MetaLogic Inc. in Bedford, Mass. It will market a system similar to MacPitts, called MetaSyn, and may also act as a broker for silicon foundries.

"The technology is now in the public domain," Siskind says. "As software, it is not patentable." Nonetheless, MIT has copyrighted it and is licensing it for noncommercial, domestic use only, according to Siskind's former superior, Peter Blankenship, associate leader of the laboratory's speech systems technology group. —Marilyn A. Harris

■ Some other Lincoln Laboratory researchers figured they were onto a good thing a year ago with a new method for polishing semiconductor wafers by hydroplaning them on a continually replenished, spinning etchant [*Electronics*, Jan. 13, 1982, p. 40]. But "on and off" is the way co-developer Michael Manfra describes the use the technique is currently getting. As for developing a commercial product, "sadly, not much has been done," he says.

It seems that chemical and chemical-mechanical polishing, though slower and more prone to defects, are preferable because they handle larger wafers than the hydroplane rig's 1-inch-diameter limit. Scaling up would run into speed and viscosity problems, says Manfra, an assistant staff member. And his group's interest has waned because it can now obtain polished wafers with an epitaxial layer already on. —M. A. H.



# WIRE

Harris now provides a two-chip data formatting and processor i757/767, the European Consortiumated unnecessary wiring and reliability and data bus efficiency, electronic security, management systems.

Choose 25 or 32-bit word lengths. On generator increases data integrity. Hand 100-kilobit data rates.

**HS-3182 bus line driver**  
 Designed as a companion chip to the HS-3182 also meets all ARINC 429 requirements. All logic inputs are T<sup>2</sup>L and CMOS compatible up to a 100-kilobit data rate.

In addition to Data(A) and Data(B) inputs are inputs for a Clock and Sync signal to system performance. Strobe input can be used to power-down the chip, if needed. Outputs are protected against overvoltage and short circuits.

**Harris Technology**  
 ... Your Competitive Edge