

# Option 10

# TEKTRONIX

Compatible with  
4051 BASIC Graphic  
Computing System

## Printer Output Interface

**A reliable interface for any outboard printer.** For the 4051 user who likes to get his facts on paper, the TEKTRONIX Option 10 Printer Output will make the 4051 readily adaptable to any selected external printer or other output device.

An output-only RS-232-C interface plugs into a ROM Pack slot on the 4051 backpack housing. It is designed to work perfectly with printers with or without busy line, and with an RS-232-C interface device.

The Option 10 Printer Output can save you as much manual labor as the 4051 can save you computational time. After the 4051 has processed analyses and statistical reports, your printer can produce the results in finished, presentable form. Baud rate is switch selectable; format may be specified by the 4051 program. You add compositional finesse to 4051 computational power.

**Easy access to the printer is afforded by simple interface function commands.** These include commands like LIST, SAVE, and PRINT. An end of line delay may also be specified.

### Specifications:

**Signal and power source:** from extended firmware connectors in ROMPACK or ROM Expander Unit.

**Output interface unit:** the external device attaches to a 25-pin female connector at end of 10-foot captive cable. Interface conforms to the EIA RS-232-C standard for receive-only data communications equipment.



### Lines implemented:

**Receive Data:** Interface data output. Serial data format.

**Receive Line Signal Detect:** ON when interface is called from BASIC by LIST or SAVE command. Idle condition may be set ON or OFF by using secondary address 11 in PRINT statement with appropriate argument.

**Data Set Ready:** ON if interface is installed in calculator and 4051 power is on.

**Data Terminal Ready:** The ON condition allows the interface to operate. Data transfer will cease within two character times after this line goes to OFF condition.

### Data Transfer Characteristics:

**Serial data format.** Seven data bits, one start bit, one parity bit, two stop bits.

**Baud rates:** 110, 150, 300, 1200, or 2400.

**Standard accessories:** Operator/service manual accompanies interface to describe installation, use, and maintenance; 10-ft. connect cable.

**Physical dimensions:** 2.62 in. x 4.65 in. x 0.875 in. (6.65 cm x 11.81 cm x 2.22 cm) including edge connector.

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