3203 Model 5 Printer

3203 PRODUCT DESCRIPTION

The IBM 3203 Model 5 is a new model of the previously announced 3203 family. It is a standalone line printer which is directly attached to a channel interface.

The channel attachment is integrated with the printer. The printer operates at a speed of up to 1200 LPM with a standard 48 character set and is, in this respect, equivalent to a 3203 Model 4 using IBM's 1416 Interchangeable Train Cartridge. AC and DC power is supplied and controlled by the Model 5, Power ON/OFF can be controlled either from host system via SPI (Standard Power Interface) or via its own Power ON/OFF Switch.

For IBM internal use only

Model Change

The 3203 Model 4 can be field upgraded to a Model 5.

Technologies

- ☐ Solid Logic Technology (SLT)
- ☐ Solid Logic Density (SLD)
- ☐ Vendor Transistor Logic (VTL)
- ☐ Monolithic System Technology (MST)
- ☐ Early Large Scale Integration (ELSI)
- ☐ Functional Storage Unit (FSU)

CE Career Path

This is a DP CE career path product.

For IBM internal use only

Attachment

The 3203 Model 5 is designed to be attached directly to either a MPX-or Block-MPX Channel for systems 4331 and 4341.

It also uses an intelligent processor to control the function of the

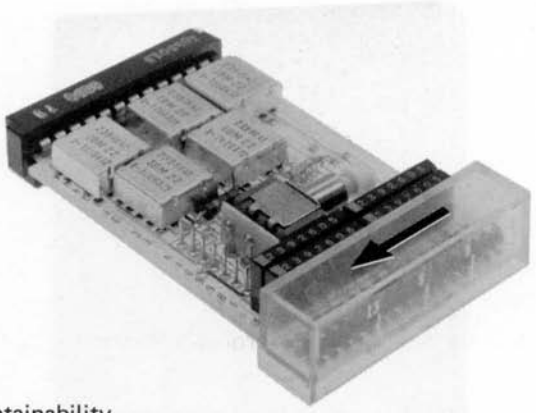
- ☐ Local Channel Adapter
- ☐ Power Card
- ☐ System Card
- ☐ Print Adapter
- ☐ Memory
- ☐ Maintenance Panel

Program Support

DOS/VS	Rel. 34
DOS VSE	
OS/VS1	Rel. 7.0
VM/370	Rel. 6.0

Design Features

- ☐ 1416 train idle control
- ☐ Built-in vacuum system
- ☐ Forms control buffer programmable
- ☐ 6/8 LPI programmable
- ☐ Forms carriage driven by a stepper motor
- ☐ Standard Universal Character Set
- ☐ Standard 132 print positions
- ☐ Power assisted Gravity Paper Stacker
- ☐ LED and switch for interface Enable/Disable
- ☐ SPI (Standard Power Interface)
- ☐ Local and Remote Power ON/OFF
- ☐ Byte- and Burst Mode



Maintainability

The 3203 Model 5 uses microcode diagnostics, CELIA (CE Latched Indicator Analytic) stops. OLTs, EREP logouts and a "Last Log" to determine the failing unit. The 3203 Maintenance Panel is the maintenance communication tool. The microdiagnostics will be the primary tool for fault detection and fault isolation. Preventive Maintenance will be carried out at the time of an unscheduled service call.

- ☐ Maintenance Panel for Microcode diagnostics
- ☐ Microcode diagnostics resident in 2 memory cards (RAM/ROS 16K, ROS 48K) to diagnose printer and attachment
- ☐ Diagnostic package for FRU identification and entry into MAP (Maintenance Analysis Procedure) Charts
- ☐ MAP Charts in YES/NO format
- ☐ Bring Up Tests during POWER ON
- ☐ CELIA (CE Latched Indicator Analytic) Card with 16 LEDs to display programmed error stop addresses
- ☐ OLTs (On Line Tests) for channel attachment are run in conjunction with a microcode diagnostic routine
- ☐ EREP (Environmental, Recording Edit and Print Program)
- ☐ Microcode program measurement of hammer flight- and carriage timing
- ☐ 3 LEDS for missing voltages and voltage monitoring from microcode
- ☐ General Logic Probe II

Product is assigned to Support Category II

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