

MAGE EN IC FILE DRUM

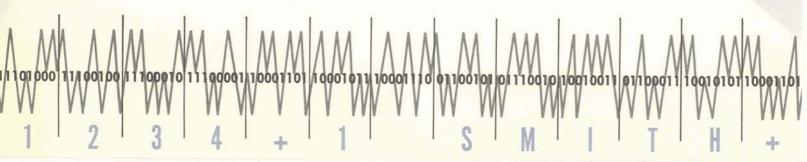
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Assignment Project Exam Help

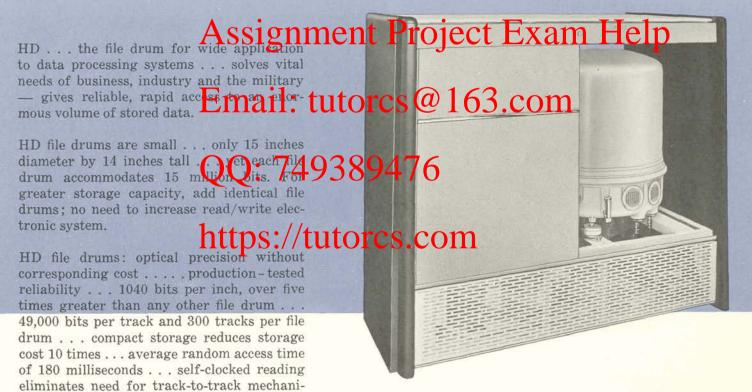
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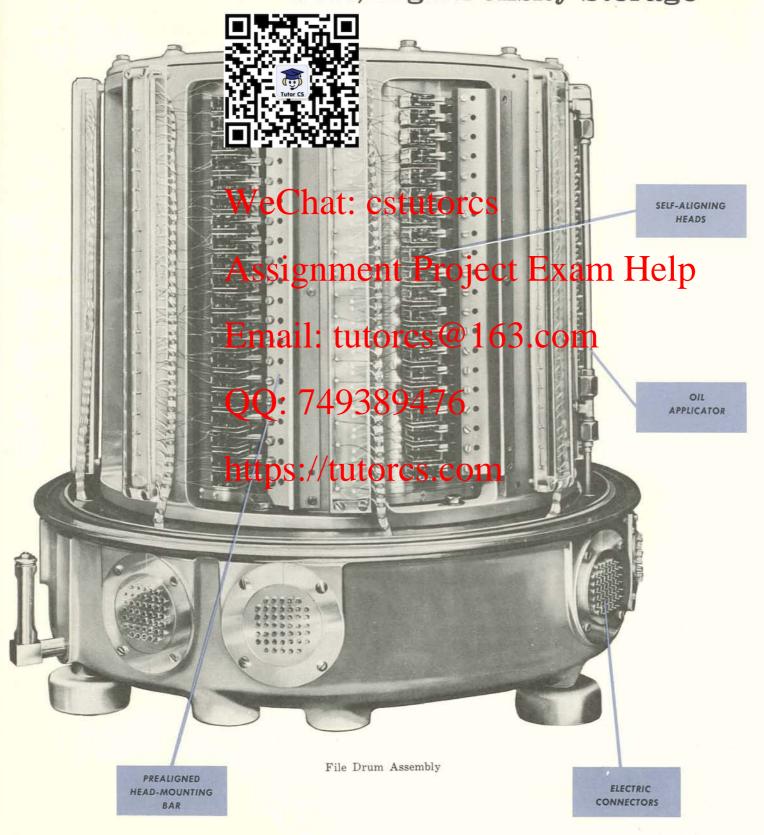
HD File Drum Unit Including Head Selector and Amplifiers. (One access panel removed)

cal stability. Compact storage of binary, alphanumeric, or numeric data at this new

low cost per bit opens entirely new areas

of application.

HID. · 程序代写代做 CS编程辅导, Low-Cost, High-Density Storage



程序代写代做 CS编程辅导

The HD File Drum Unit consists of the file drum, the drive and lubrication systems, a 3 by 10 by 10 track-selection mercury relay matrix a linear readout preamplifier, and a final of file drum, 15 inches in diamet is completely enclosed and sprayed continuously on the and to obtain the head-to-drum motion and action of the oil file and constant head-to-drum se of temperature variations will justment mechanics and independent of casting dimensional stability. Any head pair can be removed

and replaced without adjustment or loss of information.

All components approach telephone quality, all are designed for maximum trouble-free life. For example, the drum itself, dynamically balanced at 1200 rpm, is ground and lapped by optical techniques to a surface finish better than one microinch rms. The operating faces of each double head are optically ground and hand lapped so that the two surfaces are flat and coplanar to one wavelength of light. This attention to detail extends to all components to achieve the high performance and reliability of the file drum.

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PACKING DENSITY . · 1040 bits per inch (nominal) RECORDING TECHNIQUE Double-pulse RZ (Williams' phase modulation) NUMBER OF TRACKS . 300 plus 20 spares BITS PER TRACK TRACK WIDTH ASSITTATION TOTAL STORAGE CAPACITY 030 i ches CCL 15,000,000 lits (approximate) *RANDOM ACCESS TIME . . 180 ms (average) *RECORDING GAP . 0.0003 inches HEAD TO DRUM SEPARATION 0.00018 inches *HEAD INDUCTA ICE HEAD OUTPUT READING PREAMPLIFIER OUTPUT 9 volts peak-to-peak WRITING AMPLIFIER INPUT . 28 volts peak TRACK SELECTION RELAYS mercury wetted contacts 2 nife 117 volts AC, 1ϕ , 60 cps, 10 amperes, peak 250 volts DC at 150 ma. + 150 volts DC at 50 ma. 150 volts DC at 200 ma. Motor overload cutout, high- and lowpressure oil cutouts, and interlocked to assure oil flow before motor starting. REMOTE CONTROL . . Provision for remote start-stop SIZE (INCHES) · 48 long by 29 wide by 45 high . . 700 lb (approximate)

*These as well as other items are based on a specific application. Other than the application assumed could call for different parameters.

. Black and clear anodize



COMPUTER PRODUCTS DIVISION

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