

View Online at <https://aerobasegroup.com/nsn/7021-01-338-1593>

Mounting Type:

Fixed

Alternating Current Voltage Rating In Volts:

120.0

Furnished Items And Quantity:

Software: ap500 diagnostics; ap500 k and l function libraries; ap500 manager and drive; ap500 file server and host-idt interface; ap500 executive, q-library, f-library, s-library, ap500 linker, librarian; optional mc68000 assembly and pipeline assembler; documents: user and installation manual; 512k memory; i/o w/uut interface

Power Source:

External

Input Intelligence Type:

Digital and flight command information

Intelligence Input Method:

Electrical

Output Intelligence Type:

Digital

Special Features:

A 32 bit full floating point array processor; can interface with q22-bus computers; uses registers in host computer: command, message, software status; communication paths: programmed input output and data memory access transfer; data transfer up to 2.34 megabytes per second; 128k program memory

Functional Description:

Performs arithmetic functions for a host computer, such as vector operations, transcendental functions, fourier transforms, matrix operations, polynomial evaluations, statistical functions, flight simulations, image processing, vibration analysis; structural analysis

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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