JUKO LABORATORIES, LTD.
ULTIMATE EGA

Category	Video
Video Types Supported	EGA/Monochrome
Video Processor	Juko
Highest Resolution Supported	640 x 480
Data Bus Type	8-bit ISA
Memory Type	DRAM
Maximum Onboard Memory	256KB
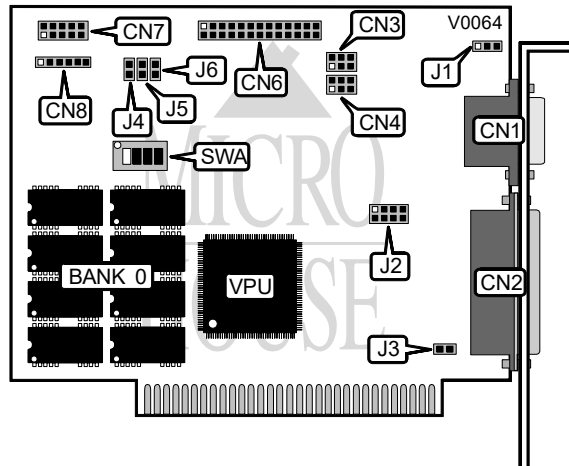
CONNECTIONS			
Purpose	Location	Purpose	Location
15-pin analog video port	CN1	VGA feature connector	CN6
25-pin parallel printer port	CN2	Mouse port	CN7
Video input/output connector	CN3	Light Pen connector	CN8
Video input/output connector	CN4		

MOUSE PORT CONFIGURATION	
Setting	J4
í Disabled	Open
Enabled	Closed

MOUSE INTERRUPT CONFIGURATION	
IRQ	J2
í IRQ3	Pins 3 & 4 closed
IRQ2	Pins 1 & 2 closed
IRQ4	Pins 5 & 6 closed
IRQ5	Pins 7 & 8 closed

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PRINTER CONFIGURATION			
etting	ort	J5	J6
Enabled	1	Closed	Closed
Disabled	2	Open	Open

MONITOR TYPE CONFIGURATION					
Type	J1	SWA/1	SWA/2	SWA/3	SWA/4
Enhanced display	Pins 1 & 2 closed	On	On	On	Off
Enhanced display Hi-Res mode	Pins 1 & 2 closed	Off	On	On	Off
Color display 40 x 25	Pins 2 & 3 closed	On	Off	Off	On
Color display 80 x 25	Pins 2 & 3 closed	Off	Off	Off	On
Monochrome	N/A	On	Off	On	Off
Monochrome	N/A	Off	Off	On	Off

DUAL MONITOR CONFIGURATION					
Primary	Secondary	SWA/1	SWA/2	SWA/3	SWA/4
Color display 40 x 25	Monochrome	On	Off	Off	On
Color display 80 x 25	Monochrome	Off	Off	Off	On
Enhanced display	Monochrome	On	On	On	Off
Enhanced display Hi-Res mode	Monochrome	Off	On	On	Off
Monochrome	Color display 40 x 25	On	Off	On	Off
Monochrome	Color display 80 x 25	Off	Off	On	Off

FACTORY CONFIGURED - DO NOT ALTER	
Jumper	Position
J3	N/A