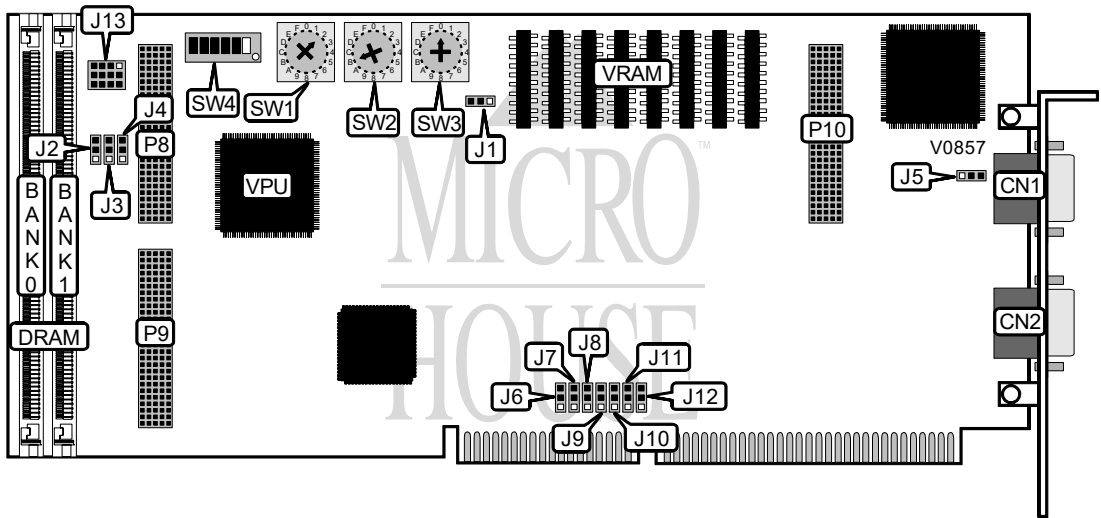


IMAGRAPH CORPORATION
ITX SERIES

Category	Video
Video Types Supported	MGA/CGA/XVGA
Video Processor	Texas Instruments TMS34020
Highest Resolution Supported	1280 x 1024
Data Bus Type	16-bit ISA
Memory Type	DRAM/VRAM (factory installed)
Maximum Onboard Memory	2MB VRAM/16MB DRAM



CONNECTIONS			
Purpose :	Location	Purpose :	Location
15-pin analog video port	CN1	Diagnostic header	J13
VGA pass-through	CN2	Daughterboard headers	P8-P10

SYNC ON GREEN CONFIGURATION	
Mode	SW4/1
Enabled	On
Disabled	Off

VIDEO EMULATION SELECTION		
Mode	SW4/2	SW4/3
Disabled	Off	Off
MDA	On	Off
CGA	Off	On

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EMULATION EPROM CONFIGURATION	
Setting	J4
í Installed	Pins 1 & 2 closed
Not installed	Pins 2 & 3 closed

OUTPUT SYNC SIGNAL CONFIGURATION	
Mode	J1
í Composite sync	Pins 1 & 2 closed
Horizontal sync	Pins 2 & 3 closed

PASS-THROUGH SYNC SIGNAL CONFIGURATION	
Mode	J5
í Composite sync	Pins 1 & 2 closed
Horizontal sync	Pins 2 & 3 closed

INTERRUPT SELECTION							
IRQ	J6	J7	J8	J9	J10	J11	J12
í Disabled	Open	Open	Open	Open	Open	Open	Open
2/9	Open	Open	Open	Pins 2 & 3	Open	Open	Open
3	Open	Open	Open	Open	Open	Open	Pins 2 & 3
4	Open	Open	Open	Open	Open	Open	Pins 1 & 2
5	Open	Open	Open	Open	Open	Pins 2 & 3	Open
6	Open	Open	Open	Open	Open	Pins 1 & 2	Open
7	Open	Open	Open	Open	Pins 2 & 3	Open	Open
10	Open	Open	Open	Pins 1 & 2	Open	Open	Open
11	Open	Open	Pins 2 & 3	Open	Open	Open	Open
12	Open	Open	Pins 1 & 2	Open	Open	Open	Open
14	Open	Pins 2 & 3	Open	Open	Open	Open	Open
15	Pins 1 & 2	Open	Open	Open	Open	Open	Open

Note: Pins designated are in the closed position.

BASE I/O ADDRESS SELECTION
A total of 4096 memory address settings are available. The address is selected by setting the hexadecimal numerals on switches SW1-SW3. SW1 is the Most Significant Numeral, and SW3 is the Least Significant Numeral. For example, if SW1 = 2, SW2 = B, and SW3 = 0, the address would be 2B0h.

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DRAM CONFIGURATION		
Size	Bank 1	Bank 2
1MB	(1) 256K x 36	NONE
2MB	(1) 256K x 36	(1) 256K x 36
2MB	(1) 512K x 36	NONE
3MB	(1) 512K x 36	(1) 256K x 36
4MB	(1) 512K x 36	(1) 512K x 36
4MB	(1) 1M x 36	NONE
5MB	(1) 1M x 36	(1) 256K x 36
6MB	(1) 1M x 36	(1) 512K x 36
8MB	(1) 1M x 36	(1) 1M x 36
8MB	(1) 2M x 36	NONE
9MB	(1) 2M x 36	(1) 256K x 36
10MB	(1) 2M x 36	(1) 512K x 36
12MB	(1) 2M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 2M x 36

FACTORY CONFIGURED - DO NOT ALTER	
Jumper/Switch	Position
J2	Unidentified
J3	Unidentified
SW4/2	N/A
SW4/3	N/A
SW4/4	N/A