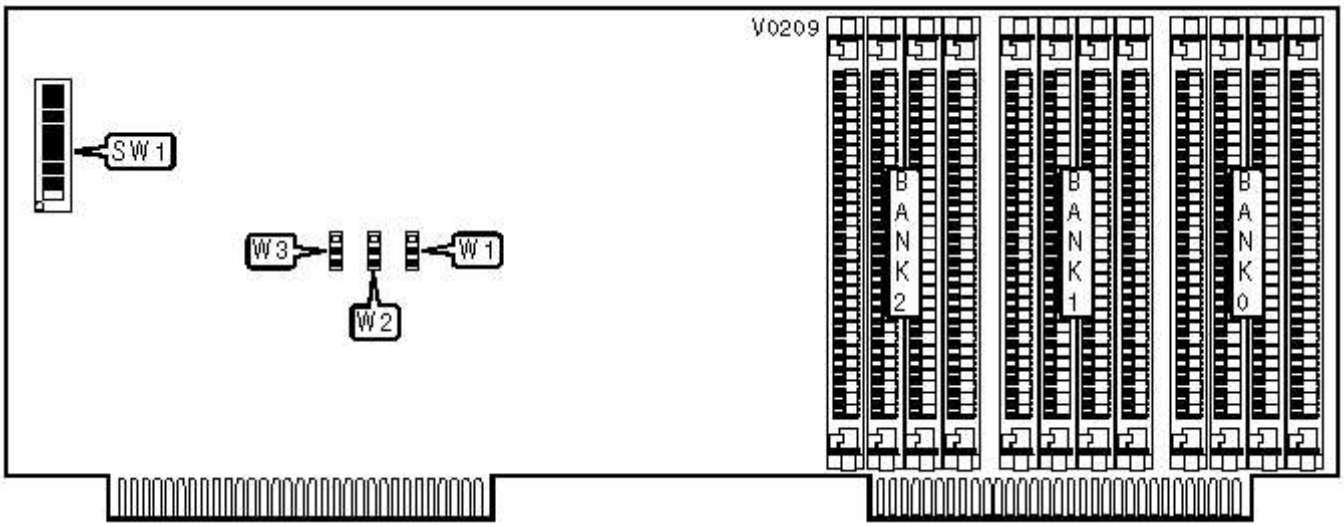
DTK COMPUTER, INC.

PEI-306

Card Type Memory card
Chipset/Controller N/A
I/O Options N/A
Maximum DRAM 12MB



DRAM CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**Bank 2**
1MB	(4) 256k x 9	None	None
2MB	(4) 256k x 9	(4) 256k x 9	None
3MB	(4) 256k x 9	(4) 256k x 9	(4) 256K x 9
4MB	(4) 1MB x 9	None	None
8MB	(4) 1MB x 9	(4) 1MB x 9	None
12MB	(4) 1MB x 9	(4) 1MB x 9	(4) 1MB x 9

DRAM JUMPER CONFIGURATION			
Size	**W1 (Bank 0)**	**W2 (Bank 1)**	**W3 (Bank 2)**
1MB	Pins 1 & 2 closed	N/A	N/A

2MB	Pins 1 & 2 closed	Pins 1 & 2 closed	N/A
3MB	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
4MB	Pins 2 & 3 closed	N/A	N/A
8MB	Pins 2 & 3 closed	Pins 2 & 3 closed	N/A
12MB	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed

DRAM SWITCH CONFIGURATION SW1										
PEM-2035	**PEI-306**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
1MB	2MB	Off	On	Off	Off	Off	On	Off	On	Off
1MB	8MB	Off	Off	Off	Off	Off	On	Off	On	Off
2MB	2MB	Off	On	Off	Off	On	Off	Off	On	Off
2MB	8MB	Off	Off	Off	Off	On	Off	Off	On	Off
4MB	2MB	Off	On	Off	On	Off	Off	Off	On	Off
4MB	8MB	Off	Off	Off	On	Off	Off	Off	On	Off
1MB	3MB	Off	On	Off	Off	Off	On	Off	On	Off
1MB	12MB	Off	Off	Off	Off	Off	On	Off	On	Off
2MB	3MB	Off	On	Off	On	On	Off	Off	On	Off
2MB	12MB	Off	Off	Off	On	On	Off	Off	On	Off
4MB	3MB	Off	On	Off	On	Off	Off	Off	On	Off
4MB	8MB	Off	Off	Off	On	Off	Off	Off	On	Off
1MB	1MB	Off	On	Off	Off	Off	On	Off	On	Off
1MB	4MB	Off	Off	Off	Off	Off	On	Off	On	Off
2MB	1MB	Off	On	Off	Off	On	Off	Off	On	Off
2MB	4MB	Off	Off	Off	Off	On	Off	Off	On	Off
4MB	1MB	Off	On	Off	On	Off	Off	Off	On	Off

4MB	4MB	Off	Off	Off	On	Off	Off	Off	On	Off
Note: The PEM-2035 is the DTK mainboard with memory already installed.										

DRAM SWITCH CONFIGURATION SW1										
PEM-2500	**PEI-306**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
2MB	1MB	On	On	Off	Off	On	Off	Off	On	On
4MB	1MB	On	On	Off	On	Off	On	Off	On	On
5MB	1MB	On	On	Off	On	Off	On	Off	On	On
8MB	1MB	On	On	On	Off	Off	Off	Off	On	On
2MB	4MB	On	Off	Off	Off	On	Off	Off	On	On
4MB	4MB	On	Off	Off	On	Off	Off	Off	On	On
5MB	4MB	On	Off	Off	On	Off	On	Off	On	On
8MB	4MB	On	Off	On	Off	Off	Off	Off	On	On
2MB	2MB	On	On	Off	Off	On	Off	Off	On	On
4MB	2MB	On	On	Off	On	Off	Off	Off	On	On
5MB	2MB	On	On	Off	On	Off	On	Off	On	On
8MB	2MB	On	On	On	Off	Off	Off	Off	On	On
2MB	8MB	On	Off	Off	Off	On	Off	Off	On	On
4MB	8MB	On	Off	Off	On	Off	Off	Off	On	On
Note: The PEM-2500 is the DTK mainboard with memory already installed.										

DRAM SWITCH CONFIGURATION SW1										
PEM-2500	**PEI-306**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
5MB	8MB	On	Off	Off	On	Off	On	Off	On	On
8MB	8MB	On	Off	On	Off	Off	Off	Off	On	On

2MB	3MB	On	On	Off	Off	On	Off	Off	On	On
4MB	3MB	On	On	Off	On	Off	Off	Off	On	On
5MB	3MB	On	On	Off	On	Off	On	Off	On	On
8MB	3MB	On	On	On	Off	Off	Off	Off	On	On
2MB	12MB	On	Off	Off	Off	On	Off	Off	On	On
4MB	12MB	On	Off	Off	On	Off	Off	Off	On	On

Note: The PEM-2500 is the DTK mainboard with memory already installed.

DRAM SWITCH CONFIGURATION SW1										
PEM-3300	**PEI-306**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
2MB	1MB	On	On	Off	Off	On	Off	Off	On	Off
4MB	1MB	On	On	Off	On	Off	Off	Off	On	Off
5MB	1MB	On	On	Off	On	Off	On	Off	On	Off
8MB	1MB	On	On	On	Off	Off	Off	Off	On	Off
2MB	4MB	On	Off	Off	Off	On	Off	Off	On	Off
4MB	4MB	On	Off	Off	On	Off	Off	Off	On	Off
5MB	4MB	On	Off	Off	On	Off	On	Off	On	Off
8MB	4MB	On	Off	On	Off	Off	Off	Off	On	Off
2MB	2MB	On	On	Off	Off	On	Off	Off	On	Off
4MB	2MB	On	On	Off	On	Off	Off	Off	On	Off
5MB	2MB	On	On	Off	On	Off	On	Off	On	Off
8MB	2MB	On	On	On	Off	Off	Off	Off	On	Off
2MB	8MB	On	Off	Off	Off	On	Off	Off	On	Off
4MB	8MB	On	Off	Off	On	Off	Off	Off	On	Off
5MB	8MB	On	Off	Off	On	Off	On	Off	On	Off

8MB	8MB	On	Off	On	Off	Off	Off	Off	On	Off
2MB	3MB	On	On	Off	Off	On	Off	Off	On	Off
4MB	3MB	On	On	Off	On	Off	Off	Off	On	Off
5MB	3MB	On	On	Off	On	Off	On	Off	On	Off
8MB	3MB	On	On	On	Off	Off	Off	Off	On	Off
2MB	12MB	On	Off	Off	Off	On	Off	Off	On	Off
4MB	12MB	On	Off	Off	On	Off	Off	Off	On	Off
Note: The PEM-3300 is the DTK mainboard with memory already installed.										