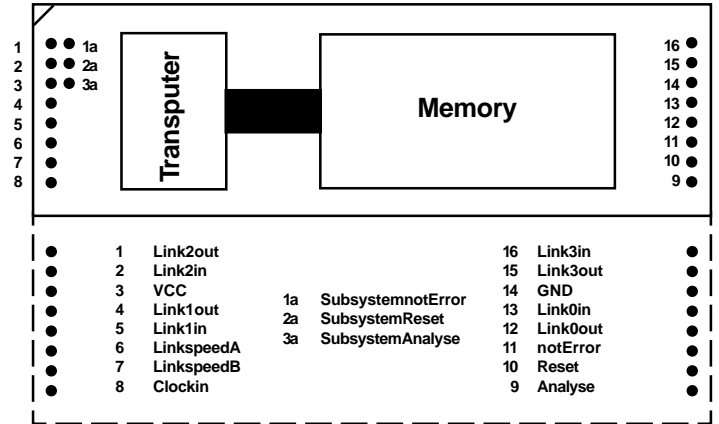


The TRAM standard

The TRAM module format is an industry standard based on multiples of 26.7mm x 93mm (1.05 x 3.66 inches) - this smallest size is known as 'Size 1', a Size 2 TRAM measures 53.3mm x 93mm (2.1 x 3.66 inches) and so on. TRAM modules are compatible with Transtech's TMB series of TRAM carrier boards and are also suitable for use on carrier boards from other manufacturers who comply with the TRAM standard. Further details on the TRAM standard and TRAM Carrier Board architecture are published by Prentice Hall in 'Transputer Technical Notes' ISBN 0-130929126-1.

TRAMs use 16 pins for communication with the carrier board and for obtaining power. TRAMs larger than Size 1 have more than 16 pins, the extra sets of 16 only providing extra power and ground connections. The link speed of the TRAMs is selected by two pins. When both are held low the links run at 10Mbits/second and when high at 20Mbits/second This selection is implemented by jumpers or switches on the carrier board.



TTM Series Summary

ORDERING INFORMATION

Part Number	TRAM Size	Memory (Bytes)	Processor	CPU Clock (MHz)	RAM Cycle Time (ns)	External RAM Cycles	Sub-system
TTM1-45	1	32 K	T425	25	120	3	No
TTM1-85	1	32 K	T805	25	120	3	No
TTM2A-45-F	1	128 K	T425	25	120	3	No
TTM2A-85-F	1	128 K	T805	25	120	3	No
TTM3A-45-F	1	1 M	T425	25	120	3	Yes
TTM3A-85-F	1	1 M	T805	25	120	3	Yes
TTM6A-45-F	1	2 M	T425	25	120	3	Yes
TTM6A-85-F	1	2 M	T805	25	120	3	Yes
TTM15F-45-F	1	4 M	T425	25	120	3	Yes
TTM15F-85-F	1	4 M	T805	25	120	3	Yes
TTM18F-45-F	1	8 M	T425	25	120	3	Yes
TTM18F-85-F	1	8 M	T805	25	120	3	Yes
TTM19F-45-F	1	16 M	T425	25	120	3	Yes
TTM19F-85-F	1	16 M	T805	25	120	3	Yes
TTM22	1	64K	T225	25	80	2	No