

PCMCIA's & SDs - Memòria 2008

TSX37- Micro (PCMCIA's)

Type of PCMCIA card for TSX 3721/22		Application		
Technology		SRAM	Flash EPROM	Backup
Memory size (3)	32 K words	TSXMRPP128K	TSXMFPP128K	TSXMFPP096K
	32 K words/128 K words	TSXMRPP348K	TSXMCPC224K	–
	64 K words	TSXMRPP224K	TSXMFPP224K	–
	64 K words/128 K words	TSXMRPP384K	TSXMCPC224K	–
	128 K words	TSXMRPC448K	TSXMFPP384K	–
	128 K words/128 K words	TSXMRPC768K	–	–

(3) The 1st value corresponds to the size of the application area, the second to the size of the area for data storage (recipes, production data, etc).

TSX57 – Premium / Unity (PCMCIA's)

Type of PCMCIA card		Application		Additional data
Technology		SRAM	Flash EPROM only	SRAM
Memory size	96 Kb	–	TSXMFPP096K (3)	–
	128 Kb	TSXMRPP128K	TSXMFPP128K	–
	224 Kb	TSXMRPP224K / TSXMCPC224K	TSXMFPP224K	–
	384 Kb	TSXMRPP384K	TSXMFPP384K	–
	448 Kb	TSXMRPC448K (1)	–	–
	512 Kb	–	TSXMCPC512K (2) / TSXMFPP512K	–
	768 Kb	TSXMRPC768K (1)	–	–
	1 MB	TSXMRPC001M (1) (6)	TSXMFPP001M	–
	1.7 MB	TSXMRPC01M7	–	–
	2 MB	TSXMRPC002M (1)	TSXMCPC002M (2) / TSXMFPP002M	–
	3 MB	TSXMRPC003M (1) (6)	–	–
	4 MB	–	TSXMFPP004M	TSXMRPF004M
	7 MB	TSXMRPC007M (1) (6)	–	–
	8 MB	–	–	TSXMRPF008M

(1) By configuration, the user can reserve part of the memory space for data storage (recipes, production data) on request.

(2) These cards have an additional SRAM area for storing data (recipes, production data).

(3) Backup cartridge of the program when this one reside entirely in PLC internal memory.

TSX57 – Premium / PL7 (PCMCIA's)

Type of PCMCIA card		Application		Additional data
Technology		SRAM	Flash EPROM only	SRAM
Memory size (4)	32 K words	TSXMRPP128K	TSXMFPP128K	–
	64 K words	TSXMRPP224K	TSXMFPP224K	–
	64 K words/128 K words	TSXMRPP384K	TSXMCPC224K	–
	96 K words	–	TSXMFPP096K	–
	128 K words	TSXMRPC448K	TSXMFPP384K	–
	128 K words/128 K words	TSXMRPC768K (5)	–	–
	256 K words	TSXMRPC001M (6)	–	–
	256 K words/640 K words	TSXMRPC01M7 (5)	–	–
	384 K words/640 K words	TSXMRPC002M	–	–
	512 K words	TSXMRPC003M (5) (6)	–	–
	992 K words/640 K words	TSXMRPC007M (6)	–	–
	2048 K words	–	–	TSXMRPF004M

(4) The 1st value corresponds to the size of the application area, the second to the size of the additional data area for storing data (recipes, production data, etc).

(5) These cards have an additional SRAM area for storing application object symbols.

(6) For coated version add C at the end of the reference: example TSXMRPC001M becomes TSXMRPC001MC

TSX Quantum / Unity (PCMCIA)

Type of PCMCIA card for Unity processors 140CPU65/67		Application		Additional data
Technology		SRAM	Flash EPROM	SRAM
Memory size	512 Kb/512 Kb (4)	-	TSXMCPC512K (3)	-
	1 MB (5)	TSXMRPC001M (6)	TSXMFPP001M	-
	2 MB (5)	TSXMRPC002M	TSXMFPP002M	-
	2 MB/1 MB (4)	-	TSXMCPC002M	-
	3 MB (5)	TSXMRPC003M (6)	-	-
	4 MB	-	TSXMFPP004M	TSXMRPF004M
	7 MB (5)	TSXMRPC007M (6)	-	-
	8 MB	-	-	TSXMRPF008M

(3) These cards have an additional SRAM area for storing data (recipes, production data).

(4) The 1st value corresponds to the size of the application area, the second to the size of the additional data area for storing data (recipes, production data, etc)

(5) By configuration the user can reserve part of the memory space for data storage (recipes, production data, etc)

(6) For coated version add C at the end of the reference: example TSXMRPC001M becomes TSXMRPC001MC

Frecuencia de recambio de las baterías:



PCMCIA Unity
lifetime.pdf

Detalle sobre el tiempo de vida útil de las baterías de las PCMCIA

The product documentation listed below contains incorrect information regarding the frequency of battery replacement:

- The instruction sheet supplied with each PCMCIA SRAM memory card, PV1 to PV5 inclusive (PV: Product Version)
- UnityPro software documentation, up to and including version 2.1
- PL7 software documentation, up to and including version 4.5 ServicePack2

The correct information regarding the frequency of battery replacement is as follows:

For the main batteries, reference TSXBATM02 and TSXBATM01:

Battery used in PCMCIA card, reference:	Recommended replacement frequency:
<ul style="list-style-type: none"> · TSXMRPP128K, TSXMRPP224K, TSXMRPP384K · TSXMRPC448K, TSXMRPC768K, TSXMRPC001M, TSXMRPC001MC, TSXMRPC002M · TSXMCPC224K, TSXMCPC512K, TSXMCPC001M, TSXMCPC002M 	Every 18 months
<ul style="list-style-type: none"> · TSXMRPC01M7, TSXMRPC003M, TSXMRPC003MC · TSXMRPF004M · TSXMCPC004M 	Every year
<ul style="list-style-type: none"> · TSXMRPC007M, TSXMRPC007MC · TSXMRPF008M 	Every 6 months

The recommended replacement frequency for the auxiliary battery, reference TSXBATM03, is every 18 months.

The correct information regarding the frequency of battery replacement is, or will be, issued in the following product documentation:

- The instruction sheet supplied with each PCMCIA SRAM memory card, PV6 (PV: Product Version)
- UnityPro software documentation, version 2.2 and later
- PL7 software documentation, version 4.5 ServicePack3 and later

Referencias de fabricante de las baterías que vienen de serie en las PCMCIA:

TSXBATM01: Panasonic 3V – Ref: BR2325

TSXBATM02: Panasonic 3V – Ref: BR2330

TSXBATM03: Panasonic 3V – Ref: BR1225A

Compatibilidad con CPUs Premium:

	Replacement part (for PL7 Premium & TSX-Micro only)	Replacement part (for CCX17 only)
SRAM for Program		
TSXMRP032P	TSXMRPP128K	
TSXMRP064P	TSXMRPP224K	
TSXMRP0128P	TSXMRPC448K	
TSXMRP0256P	TSXMRPC001M	Non applicable (1)
TSXMRP0512P	TSXMRPC003M	Non applicable (1)
SRAM for Program & Data Storage		
TSXMRP232P	TSXMRPP384K (2)	Non applicable (1)
TSXMRP264P	TSXMRPP384K	Non applicable (1)
TSXMRP2128P	TSXMRPC768K	Non applicable (1)
TSXMRP3256P	TSXMRPC01M7	Non applicable (1)
TSXMRP3384P	TSXMRPC002M	Non applicable (1)
SRAM for Data Storage		
TSXMRPDS2048P	TSXMRPF004M	Non applicable (1)
FLASH for Program		
TSXMFPBAK032P	TSXMFPB096K	Non applicable (1)
TSXMFP032P	TSXMFP128K	Non applicable (1)
TSXMFP064P	TSXMFP224K	TSXMFP0128PCCX (3)
TSXMFP0128P	TSXMFP384K	TSXMFP0128PCCX (3)
FLASH for Program & Data Storage		
TSXMFP232P	TSXMCPC224K (2)	Non applicable (1)
TSXMFP264P	TSXMCPC224K	Non applicable (1)

(1): because this PL7 PCMCIA was not usable in a CCX17.

(2): Offers 32Kw under PL7, when configured for 32Kw in the user application.

(3): TSXMFP224K and TSXMFP384K are not compatible with CCX17. And CCX17 will be commercialized until end of 2005. So TSXMFP0128PCCX will be created and announced in a separate DMDI.

	For PL7 Premium with V(CPU) < V5.5 (1)	For PL7 Premium with V(CPU) >= V5.5 (1)	For CCX17
	For TSX-Micro with V(CPU) < V5.1	For TSX-Micro with V(CPU) >= V5.1	
SRAM for Program			
TSXMRP032P		TSXMRPP128K (2)	
TSXMRP064P		TSXMRPP224K (2)	
TSXMRP0128P		TSXMRPC448K (2)	
TSXMRP0256P	TSXMRPC001M (2)		Non applicable (3)
TSXMRP0512P	TSXMRPC003M (2)		Non applicable (3)
SRAM for Program & Data Storage			
TSXMRP232P	TSXMRPP384K (2)		Non applicable (3)
TSXMRP264P	TSXMRPP384K (2)		Non applicable (3)
TSXMRP2128P	TSXMRPC768K (2)		Non applicable (3)
TSXMRP3256P	TSXMRPC01M7 (2)		Non applicable (3)
TSXMRP3384P	TSXMRPC002M (2)		Non applicable (3)
SRAM for Data Storage			
TSXMRPDS2048P	TSXMRPF004M (2)		Non applicable (3)
FLASH for Program			
TSXMFPBAK032P	TSXMFPBAK032P (4)	TSXMFPB096K	Non applicable (3)
TSXMFP032P	TSXMFP032P (4)	TSXMFP128K	Non applicable (3)
TSXMFP064P	TSXMFP064P (4)	TSXMFP224K	TSXMFP0128PCCX (5)
TSXMFP0128P	TSXMFP0128P (4)	TSXMFP384K	TSXMFP0128PCCX (6)
FLASH for Program & Data Storage			
TSXMFP232P	TSXMFP264P (4)	TSXMCPC224K	Non applicable (3)
TSXMFP264P	TSXMFP264P (4)	TSXMCPC224K	Non applicable (3)

(1): Premium TSX, TPMX and TPCX.

(2): PCMCIA replacement do not require any modification of the PL7/CCX application.

(3): because this PL7 PCMCIA was not usable in a CCX17.

(4): New cards (TSXM...K) are not compatible. For exchange of failing parts, PL7-only cards (TSXMFP...P) will be served until dec. 31st, 2012 except TSXMFP232P.

(5): or TSXMFP064P or TSXMFP0128P. New card TSXMFP224K is not compatible. For exchange of failing parts, TSXMFP064P will be served until dec. 31st, 2012.

(6): or TSXMFP0128P. New card TSXMFP384K is not compatible. For exchange, TSXMFP0128P will be served until dec. 31st, 2012.

Compatibilidad con CPUs Premium/Micro L2:

De las PCMCIA's de última generación (las azules), las únicas unidades compatibles con CPUs Premium L2 son las SRAM, porque las FLASH no son compatibles.

Synthesis for Micro platform TSX3721x and TSX3722x

CPU Versions	Software V1.0 ... lower than V5.1	V5.1 ... lower than V6.0	V6.0, V6.1 (with PL74.4)	V6.2 or higher
Yellow cards	TSXMFP064P fully supported	TSXMFP064P fully supported	TSXMFP064P and TSXMFP0128P fully supported	TSXMFP064P and TSXMFP0128P fully supported
Blue cards	Not supported	TSXMFP128K and TSXMFP224K fully supported	TSXMFP128K, TSXMFP224K and TSXMFP384K fully supported	TSXMFP128K, TSXMFP224K and TSXMFP384K fully supported
Orange cards	TSXMFP064P2 and TSXMFP0128P2 can be executed	TSXMFP064P2 and TSXMFP0128P2 can be executed	TSXMFP064P2 and TSXMFP0128P2 can be executed	TSXMFP064P2 and TSXMFP0128P2 fully supported

Synthesis for Atrium and Premium CPU Level 3 (TSXP57*3M)

CPU Versions	Software V5.0 ... lower than V5.5	V5.5 ... lower than v6.1	V6.1 and higher
Yellow cards	TSXMFP064P and TSXMFP0128P are fully supported (1)	TSXMFP064P and TSXMFP0128P are fully supported (1)	TSXMFP064P and TSXMFP0128P are fully supported (1)
Blue cards	Not supported	TSXMFP224K and TSXMFP384K are fully supported (2)	TSXMFP224K and TSXMFP384K are fully supported (2)
Orange cards	TSXMFP064P2 and TSXMFP0128P2 can be executed (3)	TSXMFP064P2 and TSXMFP0128P2 can be executed (3)	TSXMFP064P2 and TSXMFP0128P2 are fully supported (3)

- (1) the TSXMFP0128P is not compatible with TSXP571*3M
 (2) the TSXMFP384K is not compatible with TSXP571*3M
 (3) the TSXMFP0128P2 is not compatible with TSXP571*3M

Guía de las PCMCIA's:



PCMCIA's Brochure
User Guide.pdf

Guía de uso de las PCMCIA's

BMX M340 (SDs)

Type of card	8 MB memory card	8 MB memory card + files
Use	Supplied as standard with each processor. Used for: – Backup of program, constants, symbols and data – Activation of class B10 web server	As replacement for the memory card supplied as standard with each processor, used for: – Backup of program, constants, symbols and data – File storage, 16 MB – Activation of class B10 web server
Compatibility	BMX P34 1000/20.0	BMX P34 20.0
References	BMX RMS 008MP	BMX RMS 008MPF