

### 88-pin 36 bit bus system type conforming to PCMCIA DRAM Rel. 1.0

Part number	Memory type	Storage capacity (bytes)	Access time t <sub>acc</sub> (ns)	Current consumption (max.)		Operating temperature range (°C)	Storage temperature range (°C)
				Operating (mA)	Stand-by (mA)		
DWF400SYD0	CMOS DRAM	4M	70	1,000	2	0~50	-10~60
DWF800SYD0		8M					

### Card-edge type

#### 40-pin 8 bit bus system type

Part number	Memory type	Storage capacity (bytes)	Access time t <sub>acc</sub> (nS)	Current consumption (max.)		Operating temperature range (°C)	Storage temperature range (°C)	Battery back-up time (Year)	Erase units
				Operating (mA)	Stand-by (mA)				
RBC008IE00	Full CMOS SRAM	8K	200	50	1.05	-20~60	-20~60	10	-
RBC016IE00		16K							
RBC032IE00		32K							
RBC032IE10	Mixed CMOS SRAM	32K	150	80	1.05	0~60	-20~60	10	-
RBC064IE10		64K						8.5	
RBC128IE10		128K						5.7	
RBC256IE11		256K						3.7	
RBC512IE13		512K						1.9	
RBC100IE10		1M						0.9	
MRC128IEC0	CMOS Mask ROM	128K	220	50	1.0	0~60	-20~60	-	-
MRC256IEC0		256K							
MRC512IEC0		512K							
MRC100IEC0		1M							
MRC200IEC0		2M							
MRC400IEC0	4M								
FEC032IEC0	CMOS Flash memory	32K	270	40	1.0	0~60	-20~60	-	32KB
FEC064IEC0		64K							
FEC128IEC0		128K							
FEC256IEC0		256K	220	35	1.0	-	128KB		
FEC512IEC0		512K							
FEC100IEC0	1M	220	35	1.0	0~60	-20~60	-	-	
EPC032IEC0	32K								
EPC064IEC0	64K								
FPC128IEC0	128K								
FPC256IEC0	256K								
FPC512IEC0	512K								
FPC100IEC0	1M	220	50	1.0	0~60	-20~60	-	-	
EPC032IEC0	32K								
EPC064IEC0	64K								
EPC128IEC0	128K								
EPC256IEC0	256K								
EPC512IEC0	512K								
EPC100IEC0	1M	220	50	1.0	0~60	-20~60	-	-	
BPC032IEC0	32K								
BPC064IEC0	64K								
BPC128IEC0	128K								
BPC256IEC0	256K								
BPC512IEC0	512K								
BPC100IEC0	1M	300	25	1.0	0~60	-20~60	-	Byte	
EEC008IEC0	8K								
EEC016IEC0	16K								
EEC032IEC0	32K	320							

Notes: 1. Battery backup time is a reference value based on typical values at Ta = 25°C.

2. FEC : RAM card pin compatible series
- FPC : ROM card pin compatible series
- EPC : programmed
- BPC : unprogrammed (for users development)