

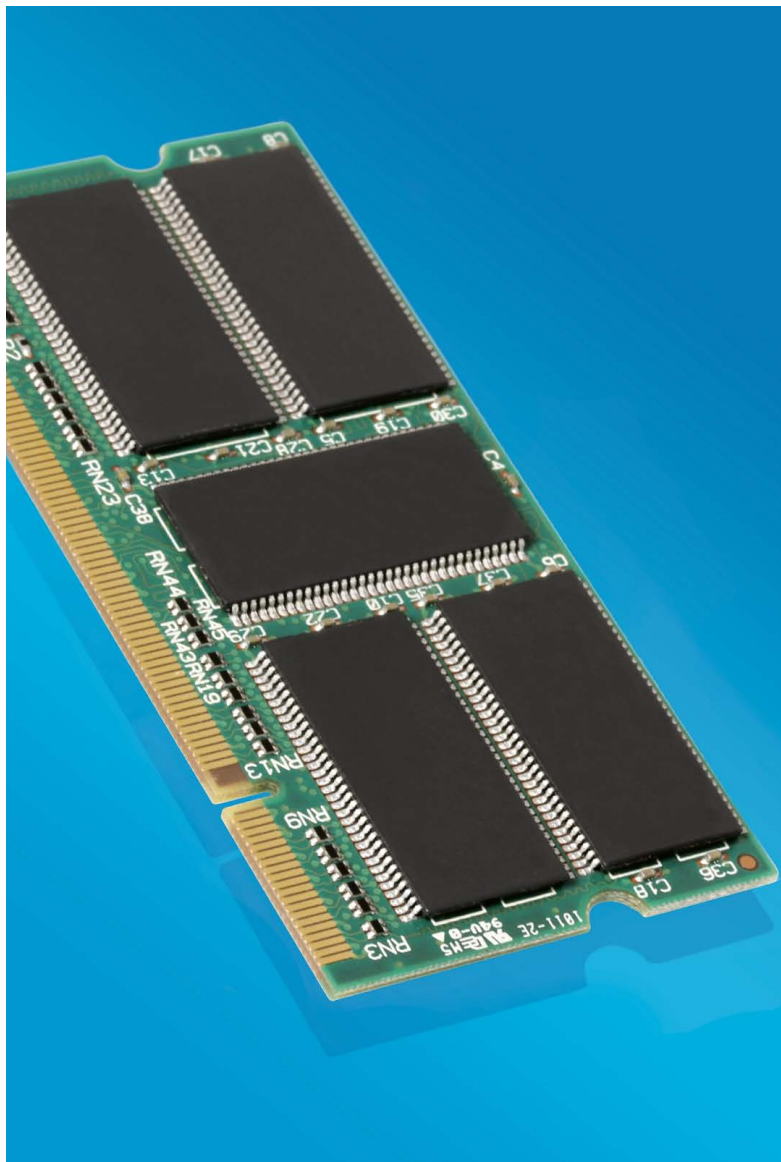
DDR1 Memory

DDR

Viking Technology's DDR memory technology and family of products showcases Viking's commitment to Original Equipment Manufacturers (OEMs). As a partner DRAM memory, Viking Technology prides itself on long lasting legacy support, evident within the sustaining support of DDR memory. Not only does Viking Technology support it's OEMs with legacy DDR memory but continues to maintain it with locked Bill of Materials (BOMs), extended temperature testing, highest density modules and adheres to all JEDEC compliant requirements.

Viking Technology DDR Memory modules density range from 64MB up to 8GB and is supported in both commercial temperature (0°C – 70°C) and industrial temperature (-40°C – 85°C).

Viking Technology DRAM stacking capabilities is also deployed for the DDR memory family to enable higher density modules, allowing for lower cost compared to DDP's or single die monolithic devices.



DDR1 MEMORY FEATURES

- JEDEC standard 1.8V Modules
- Single, dual and quad rank designs
- Available as ECC and Non-ECC
- Available in either Registered or Unbuffered
- Controlled Bill of Material (BOM)
- RoHS certified

DDR1 Memory

PRODUCT SPECIFICATIONS

CAPACITY

	128MB to 4GB
--	--------------

FREQUENCY/ CAS LATENCY

	DDR2-400 @ CL = 3
	DDR2-533 @ CL =4
	DDR2-677 @ CL = 5
	DDR2-800 @ CL = 5
	DDR2-800@ CL = 6

POWER

Voltage	Single 2.5V
---------	-------------

ENVIRONMENTAL

Commercial Temp	0°C to 70 °C
Industrial Temp	-40°C to + 85°C
Safety / Agency / Compliance	Serial Presence Detect with EEPROM, RoHS

TECHNICAL INFORMATION

	Registered inputs with one-clock delay
	Sequential and Interleave Burst type
	Auto and Self-refresh
	Speed (Data Pin): 266MHz ~ 400MHz
	Off chip driver (OCD) impedance calibration
	On-die termination (ODT)

Form Factor	DDR1	Stacked DRAM
LRDIMM		
RDIMM	up to 4GB	up to 4GB
UDIMM	up to 2GB	
MiniRDIMM	up to 1GB	
MiniUDIMM	up to 1GB	
VLP MiniRDIMM		
VLP MiniUDIMM		
VLP RDIMM	up to 4GB	up to 4GB
VLP UDIMM	up to 1GB	
VLP SODIMM		
SODIMM	up to 1GB	
SORDIMM	up to 1GB	
SOUDIMM	up to 1GB	
SOCDIMM	up to 1GB	up to 1GB
ULP RDIMM		
ULP MiniRDIMM		
ULP MiniUDIMM		

For part numbers and capacity options, please email us at sales@vikingtechnology.com.

Global Locations

US Headquarters

20091 Ellipse
 Foothill Ranch, CA 92610
 Toll Free: +1 800 338 2361
 Main: +1 949 643 7255
 Fax: +1 949 643 7250

Europe

Lerchenstrasse 1 D-91710
 Gunzenhausen
 Germany
 Phone: +49 2921 981 6463

Asia Pacific

No 2 Chai Chee Drive
 Singapore, 109840
 Phone: +65 6839 8008

Japan

Shinagawa Grand Central Tower 6F
 2-16-4 Konan, Minato-ku,
 Tokyo 108-0075, Japan
 Phone: +81-3-6863-5351