

Extended lifetime support

Modules					
	Generation	Ubu non ECC	Ubu ECC	SOD	Reg
DDR1	256 MB	✓	✓	✓	–
	512 MB	✓	✓	✓	✓
	1 GB	✓	✓	✓	✓
DDR2	125 M	✓	✓	✓	✓
	256 M	✓	✓	✓	✓
	1 G	✓	✓	✓	✓
	2 GB	✓	✓	✓	✓
	2 GB	✓	✓	✓	✓

Modules						
I/O	Module Type	Module Density	Speed	Organisation	Part #	
DDR	Unbuffered	256 MB	PC2700 2.5-3-3	1 R x 8	HYS64D32300HU-6-C	
	Unbuffered	256 MB	PC3200 3-3-3	1 R x 8	HYS64D32300HU-5-C	
	Unbuffered	256 MB	PC2700 2.5-3-3	1 R x 8	HYS72D32300HU-6-C	
	Unbuffered	256 MB	PC3200 3-3-3	1 R x 8	HYS72D32300HU-5-C	
	Unbuffered	512 MB	PC2700 2.5-3-3	1 R x 8	HYS64D64300HU-6-C	
	Unbuffered	512 MB	PC3200 3-3-3	1 R x 8	HYS64D64300HU-5-C	
	Unbuffered	512 MB	PC2700 2.5-3-3	1 R x 8	HYS72D64300HU-6-C	
	Unbuffered	512 MB	PC3200 3-3-3	1 R x 8	HYS72D64300HU-5-C	
	Unbuffered	1 GB	PC2700 2.5-3-3	2 R x 8	HYS64D128320HU-6-C	
	Unbuffered	1 GB	PC3200 3-3-3	2 R x 8	HYS64D128320HU-5-C	
	Unbuffered	1 GB	PC2700 2.5-3-3	2 R x 8	HYS72D128320HU-6-C	
	Unbuffered	1 GB	PC3200 3-3-3	2 R x 8	HYS72D128320HU-5-C	
	So-DIMM	256 MB	PC2700 2.5-3-3	2 R x 16	HYS64D32020HDL-6-C	
	So-DIMM	256 MB	PC3200 3-3-3	2 R x 16	HYS64D32020HDL-5-C	
	So-DIMM	512 MB	PC2700 2.5-3-3	2 R x 16	HYS64D64020HDL-6-C	
	So-DIMM	512 MB	PC3200 3-3-3	2 R x 16	HYS64D64020HDL-5-C	
	So-DIMM	1 GB	PC2700 2.5-3-3	2 R x 8	HYS64D128021EBDL-6-C	
	So-DIMM	1 GB	PC3200 3-3-3	2 R x 8	HYS64D128021EBDL-5-C	
	Registered	512 MB	PC2700 2.5-3-3	1 R x 8	HYS72D64301HBR-6-C	
	Registered	512 MB	PC3200 3-3-3	1 R x 8	HYS72D64301HBR-5-C	
	Registered	1 GB	PC2700 2.5-3-3	1 R x 4	HYS72D128300HBR-6-C	
	Registered	1 GB	PC3200 3-3-3	1 R x 4	HYS72D128300HBR-5-C	
	Registered	1 GB	PC2700 2.5-3-3	2 R x 8	HYS72D128321HBR-6-C	
	Registered	1 GB	PC3200 3-3-3	2 R x 8	HYS72D128321HBR-5-C	
	DDR2	Unbuffered	512 MB	PC2-4200 4-4-4	1 R x 8	HYS64T64000EU-3.7-B2
		Unbuffered	512 MB	PC2-5300 5-5-5	1 R x 8	HYS64T64000EU-3S-B2
		Unbuffered	512 MB	PC2-4200 4-4-4	1 R x 8	HYS72T64000EU-3.7-B2
		Unbuffered	512 MB	PC2-5300 5-5-5	1 R x 8	HYS72T64000EU-3S-B2
		Unbuffered	1 GB	PC2-4200 4-4-4	2 R x 8	HYS64T128020EU-3.7-B2
		Unbuffered	1 GB	PC2-5300 5-5-5	2 R x 8	HYS64T128020EU-3S-B2
Unbuffered		1 GB	PC2-4200 4-4-4	2 R x 8	HYS72T128020EU-3.7-B2	
Unbuffered		1 GB	PC2-5300 5-5-5	2 R x 8	HYS72T128020EU-3S-B2	
Unbuffered		2 GB	PC2-4200 4-4-4	2 R x 8	HYS64T256020EU-3.7-B	
Unbuffered		2 GB	PC2-5300 5-5-5	2 R x 8	HYS64T256020EU-3S-B	
Unbuffered		2 GB	PC2-4200 4-4-4	2 R x 8	HYS72T256020EU-3.7-B	
Unbuffered		2 GB	PC2-5300 5-5-5	2 R x 8	HYS72T256020EU-3S-B	
So-DIMM		512 MB	PC2-4200 4-4-4	2 R x 16	HYS64T64020EDL-3.7-B2	
So-DIMM		512 MB	PC2-5300 5-5-5	2 R x 16	HYS64T64020EDL-3S-B2	
So-DIMM		1 GB	PC2-4200 4-4-4	2 R x 8	HYS64T128021EDL-3.7B2	
So-DIMM		1 GB	PC2-5300 5-5-5	2 R x 8	HYS64T128021EDL-3S-B2	
So-DIMM		2 GB	PC2-4200 4-4-4	2 R x 8	HYS64T256022EDL-3.7-B	
So-DIMM		2 GB	PC2-5300 5-5-5	2 R x 8	HYS64T256022EDL-3S-B	
Registered		512 MB	PC2-3200 3-3-3	1 R x 8	HYS72T64000HR-5-B	
Registered		512 MB	PC2-4200 4-4-4	1 R x 8	HYS72T64000HR-3.7-B	
Registered		512 MB	PC2-5300 5-5-5	1 R x 8	HYS72T64000HR-3S-B	
Registered		1 GB	PC2-3200 3-3-3	1 R x 4	HYS72T128000HR-5-B	
Registered		1 GB	PC2-4200 4-4-4	1 R x 4	HYS72T128000HR-3.7-B	
Registered		1 GB	PC2-5300 5-5-5	1 R x 4	HYS72T128000HR-3S-B	
Registered		1 GB	PC2-3200 3-3-3	2 R x 8	HYS72T128020HR-5-B	
Registered		1 GB	PC2-4200 4-4-4	2 R x 8	HYS72T128020HR-3.7-B	
Registered		1 GB	PC2-5300 5-5-5	2 R x 8	HYS72T128020HR-3S-B	
Registered		2 GB	PC2-5300 5-5-5	2 R x 4	HYS72T256220HR-3S-B	
Registered		2 GB	PC2-3200 3-3-3	1 R x 4	HYS72T256000ER-5-B	
Registered		2 GB	PC2-4200 4-4-4	1 R x 4	HYS72T256000ER-3.7-B	

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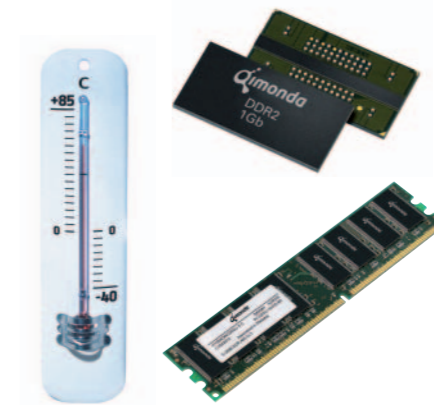
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Under no circumstances may Qimonda AG products be used in any applications, devices or systems that are safety critical or serve the purpose of supporting, maintaining, sustaining or protecting human life (such applications, devices and systems collectively referred to as "Critical Systems"), if

1. A failure of the Qimonda Products can reasonable be expected to –directly or indirectly–  
a. Have a detrimental effect on such Critical Systems in terms of reliability, effectiveness or safety; or  
b. Cause the failure of such Critical Systems; or

2. A failure or malfunction of such Critical Systems can reasonably be expected to –directly or indirectly–  
a. Endanger the health or the life of the user of such Critical Systems or any other person; or  
b. Otherwise cause material damages (including but not limited to damages or serious injury to life or property, whether tangible or intangible).

# DRAM for Industry and Networking Applications



**Industrial Temperature range**

Qimonda offers DRAM components and modules with superior quality and low power consumption.

Our products include industrial temperature range, leaded and leadfree components as well as small form factor DIMMs.

With extended lifetime support these products perfectly meet the requirements of networking and industrial Applications.

Qimonda understands the critical physical issues behind these applications and the stressful conditions a DRAM must withstand. We offer an increasing portfolio of DRAM for industrial temperature range (-40° C to +85° C). With Qimonda's reputation for quality you can be sure to outperform your competition in the most extreme environments.

**Industrial Applications:**

- Industrial PC
- Automation and control systems
- Embedded computers
- Measurement and testing
- Security and energy management
- Aerospace
- Robotics

**Networking Applications:**

- Routers
- Switches
- DSLAM cards
- Base station controllers
- ATCA boards

**Products:**

- DRAM Components
- Unbuffered DIMM
- SO-DIMM
- Registered DIMM
- Very low profile DIMM
- Fully buffered DIMM

## Nomenclature DDR & DDR2 DRAM Modules

HYB 64 D 32 2 2 0 G D L -6 -A (Example)

Part Number extension

Speed  
 1.9 = PC2-8500 7-7-7 DDR2-1067  
 25F = PC2-6400 5-5-5 DDR2-800  
 2.5 = PC2-6400 6-6-6 DDR2-800  
 3 = PC2-5300 4-4-4 DDR2-667  
 35 = PC2-5300 5-5-5 DDR2-667  
 3.7 = PC2-4200 4-4-4 DDR2-533  
 5 = PC2-3200 3-3-3 DDR 400/DDR2-400  
 6 = PC2700 2.5-3-3 DDR333  
 7 = PC2100 2-3-3 DDR266A  
 7F = PC2100 2-2-2 DDR266

Power & AMB  
 L = Low power  
 None = Standard power  
 A/N/D = AMB variant for Fully-buffered DIMMs

Module Family  
 U = Unbuffered DIMM  
 R = Registered DIMM TSOP-based for DDR / FBGA-based for DDR2  
 BR = Registered DIMM FBGA-based for DDR  
 P = Registered DIMM with address parity  
 F = Fully-buffered DIMM  
 M = Micro DIMM  
 D = SO-DIMM TSOP-based for DDR / FBGA-based for DDR2  
 BD = SO-DIMM FBGA-based for DDR

Package type  
 G = Lead-containing  
 H = Lead-free (RoHS\*-compliant)  
 E = Lead- and Halogen free (RoHS\*-compliant)

Designator Product variations

Number of memory ranks  
 0 = One Memory Module Rank  
 2 = Two Memory Module Ranks  
 4 = Four memory module ranks

Designator Data Sheet Defined

Memory density  
 32 = 256 MB  
 64 = 512 MB  
 128 = 1 GB  
 256 = 2 GB  
 512 = 4 GB  
 1 G = 8 GB

Power supply  
 D = 2.5 V  
 T = 1.8 V

Data width  
 64 = x64 (Non-ECC)  
 72 = x72 (ECC)

Prefix  
 HYB = memory components  
 HYI = industrial temperature range -25°C – +85°C

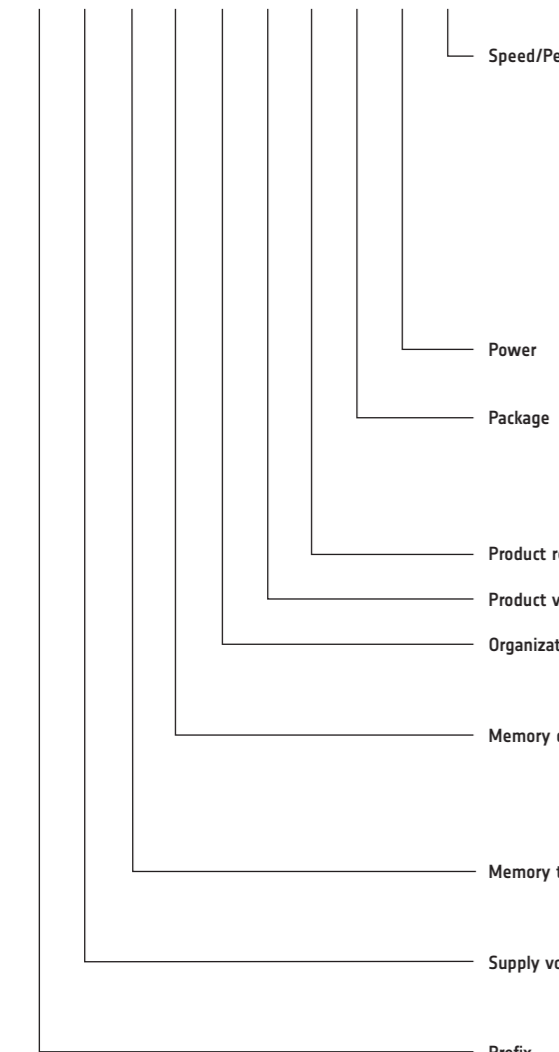
\*RoHS = Restriction of Hazardous Substances

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### Nomenclature DRAM Components

HYB 25 D 128 80 O C T L -6 (Example)



- Speed/Performance**
  - 1.9 = DDR2-1067 7-7-7 (DDR2)
  - 25F = DDR2-800 5-5-5 (DDR2)
  - 2.5 = DDR2-800 6-6-6 (DDR2)
  - 3 = DDR2-667 4-4-4 (DDR2)
  - 3s = DDR2-667 5-5-5 (DDR2)
  - 3.7 = DDR2-533 4-4-4 (DDR2)
  - 5 = DDR2-400 3-3-3/DDR400B 3-3-3 (DDR2/DDR)
  - 6 = DDR333 2.5-3-3/PC166 3-3-3 (DDR/SDR)
  - 7 = DDR266A 2-3-3/PC133 2-2-2 (DDR/SDR)
  - 7F = DDR266 2-2-2 (DDR)
  - 7.5 = DDR266B 2.5-3-3/PC133 3-3-3 (DDR/SDR)
  - 8 = DDR200 2-2-2/PC100 2-2-2 (DDR/SDR)
- Power**
  - None = Standard power
  - L = Low-power product
- Package**
  - C = FBGA Lead-containing
  - T = TSOP 400 mil Lead-containing
  - E = TSOP 400 mil Lead- and Halogen free (RoHS\*-compliant)
  - F = FBGA Lead- and Halogen free (RoHS\*-compliant)
  - G = TSOP stack Lead- and Halogen free (RoHS\*-compliant)
- Product revision**
  - Die revision
- Product variation**
  - 0 = Standard product
- Organization**
  - 40 = x 4
  - 80 = x 8
  - 16 = x 16
- Memory density**
  - 128 = 128 Mb
  - 256 = 256 Mb
  - 512 = 512 Mb
  - 1 G = 1024 Mb
  - 2 G = 2048 Mb
- Memory type**
  - S = SDR Single Data Rate SDRAM
  - D = DDR Double Data Rate SDRAM
  - T = DDR2 Double Data Rate 2 SDRAM
- Supply voltage**
  - 39 = 3.3 V
  - 25 = 2.5 V
  - 18 = 1.8 V
- Prefix**
  - HYB = Memory components
  - HYI = Standard prefix for i-temp

\* RoHS = Restriction of Hazardous Substances

### Components

I/O	Density	Speed	Part #
SDR	128 M	133 MHz	HYB39S128400FT-7
	128 M	133 MHz	HYB39S128400FE-7
	128 M	133 MHz	HYB39S128800FT-7
	128 M	133 MHz	HYB39S128800FE-7
	128 M	133 MHz	HYB39S128160FT-7
	128 M	133 MHz	HYB39S128160FE-7
	128 M	133 MHz	HYB39S128400FEL-7
	128 M	133 MHz	HYB39S128800FEL-7
	128 M	133 MHz	HYB39S256800FEL-7
	256 M	133 MHz	HYB39S256800FFL-7
	256 M	133 MHz	HYB39S256160FEL-7
	256 M	133 MHz	HYI39S256800FT-7
	256 M	133 MHz	HYI39S256800FE-7
	256 M	133 MHz	HYI39S256160FT-7
	256 M	133 MHz	HYI39S256160FE-7
	256 M	166 MHz	HYB39S256160FE-6
	256 M	166 MHz	HYB39S256800FE-6
256 M	166 MHz	HYB39S256160FF-6	
256 M	166 MHz	HYB39S256160FEL-6	
256 M	166 MHz	HYB39S256160FFL-6	
256 M	133 MHz	HYB39S256400FT-7	
256 M	133 MHz	HYB39S256400FE-7	
512 M		on request	
DDR	128 M	333 MHz	HYB25D128400CE-6
	128 M	333 MHz	HYB25D128800CT-6
	128 M	333 MHz	HYB25D128800CE-6
	128 M	333 MHz	HYB25D128160CT-6
	128 M	333 MHz	HYB25D128160CE-6
	128 M	400 MHz	HYB25D128800CT-5
	128 M	400 MHz	HYB25D128800CE-5
	128 M	400 MHz	HYB25D128160CT-5
	128 M	400 MHz	HYB25D128160CE-5
	128 M	400 MHz	HYB25D128160CT-5
	128 M	400 MHz	HYB25D128160CE-5
	256 M	333 MHz	HYB25D256400CT-6
	256 M	333 MHz	HYB25D256400CE-6
	256 M	333 MHz	HYB25D256400CT-6
	256 M	333 MHz	HYB25D256400CE-6
	256 M	333 MHz	HYB25D256400CF-6
	256 M	333 MHz	HYB25D256400CEL-6

### Components

I/O	Density	Speed	Part #
DDR	256 M	333 MHz	HYB25D256800CT-6
	256 M	333 MHz	HYB25D256800CE-6
	256 M	333 MHz	HYB25D256800CC-6
	256 M	333 MHz	HYB25D256800CF-6
	256 M	333 MHz	HYB25D256160CT-6
	256 M	333 MHz	HYB25D256160CC-6
	256 M	333 MHz	HYB25D256160CF-6
	256 M	333 MHz	HYB25D256800CEL-6
	256 M	333 MHz	HYI25D256160CT-6
	256 M	333 MHz	HYI25D256160CC-6
	256 M	333 MHz	HYI25D256160CF-6
	256 M	333 MHz	HYI25D256800CE-6
	256 M	333 MHz	HYI25D256160CC-6
	256 M	333 MHz	HYI25D256160CF-6
	256 M	400 MHz	HYB25D256400CC-5
	256 M	400 MHz	HYB25D256400CF-5
	256 M	400 MHz	HYI25D256160CT-5
256 M	400 MHz	HYI25D256160CC-5	
256 M	400 MHz	HYI25D256160CF-5	
256 M	400 MHz	HYB25D256800CE-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-5	
256 M	400 MHz	HYB25D256160CF-5	
256 M	400 MHz	HYB25D256800CF-5	
256 M	400 MHz	HYB25D256160CT-5	
256 M	400 MHz	HYB25D256160CC-	