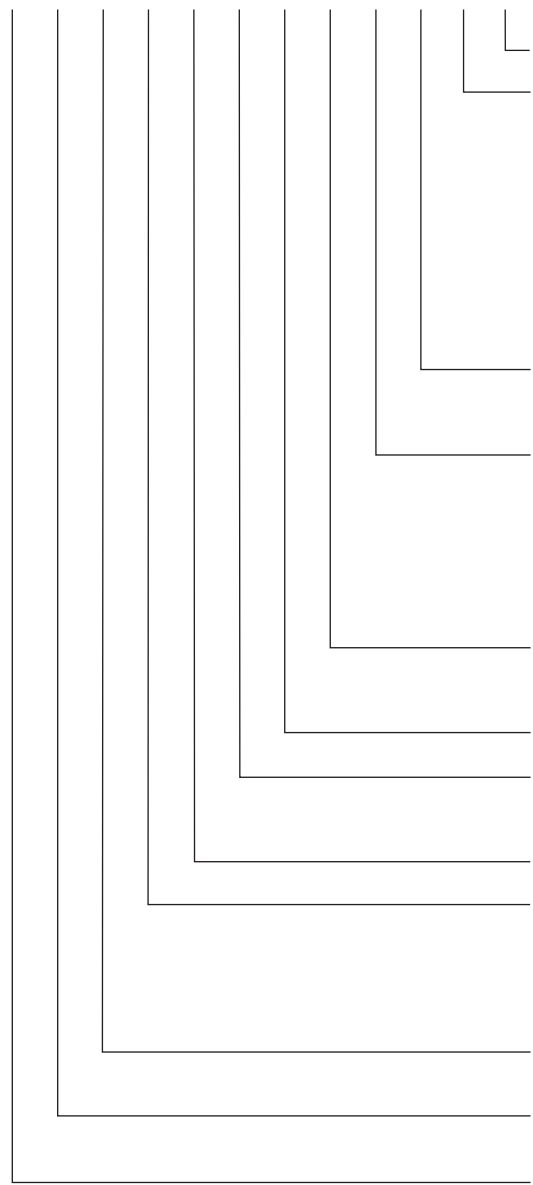


## Nomenclature DDR2 & DDR SDRAM Modules

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



Product revision	Die revision of component	
Speed	1.9 =	PC2-8500 7-7-7 DDR2-1067
	19F =	PC2-8500 6-6-6 DDR2-1067
	19H =	PC2-8500 5-5-5 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
	3S =	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 MByte
	64 =	512 MByte
	128 =	1 GByte
	256 =	2 GByte
	512 =	4 GByte
	1G =	8 GByte
Power supply	D =	2.5 V DDR SDRAM Modules
	T =	1.8 V DDR2 SDRAM Modules
Data width	64 =	x 64 (Non-ECC)
	72 =	x 72 (ECC)
Prefix	HYS =	Standard prefix for SDRAM-based memory modules
	* RoHS = Restriction of Hazardous Substances (European Union)	