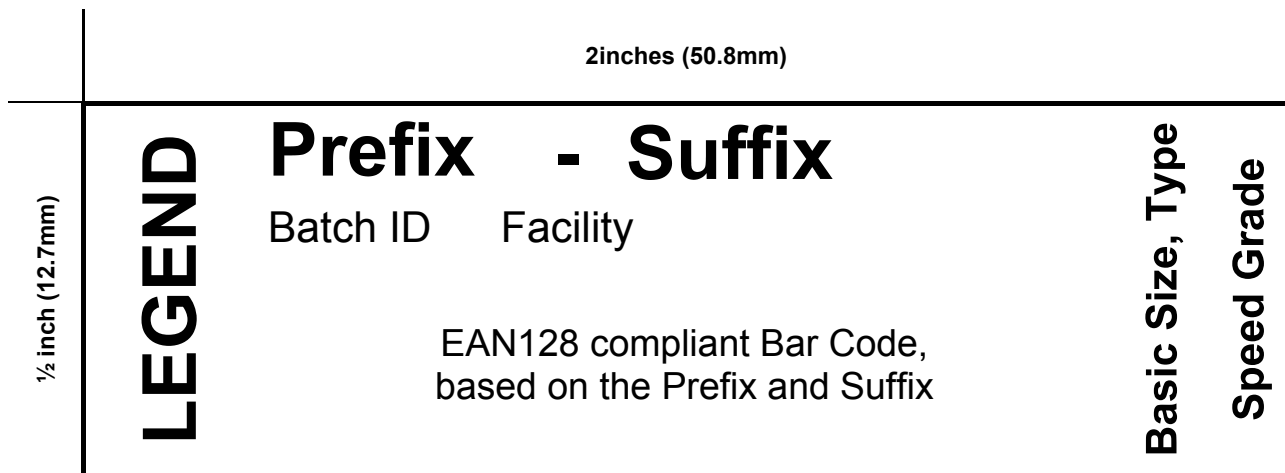


LEGEND

Performance Technology

**MEMORY MODULE
NAMING GUIDE**

Valid from 25/05/2005

LEGEND MEMORY MODULE LABEL LAYOUT

Prefix: Based on the **LEGEND Prefix Numbering Guide**.

Suffix: Based on the **LEGEND Suffix Numbering Guide**.

Facility: Location of final manufacture.

Batch ID: Batch ID is of the form **YYMMLJJJ** where

- **YY** is the year of manufacture
- **MM** is the month of manufacture
- **L** is a number defining manufacturing location
 - **1** for Australia
 - **2** for RSA
 - **JJJ** is a sequential number defining the production job number in that month.

All supplier batch data, defect summary and other ancillary information is recorded against this number. This information is available on request.

X: The "**X**" character is used where a value is not applicable.

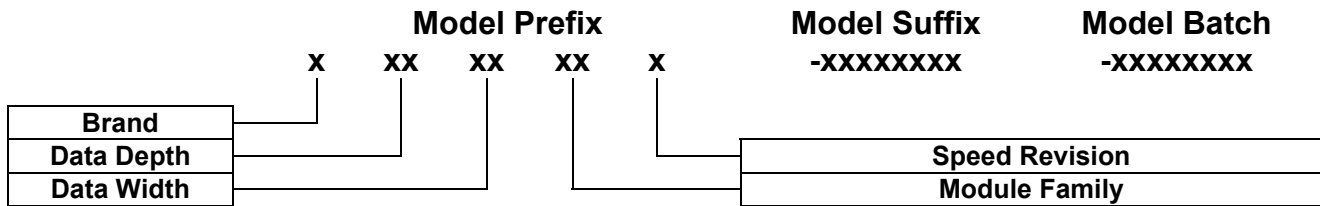
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MEMORY MODULE NAMING GUIDE

Valid from 25/05/2005

PREFIX NUMBERING GUIDE



Brand	L	LEGEND
	H	Hynix
	P	LEGEND Overthruster (Performance)
	T	LEGEND OEM
	V	Mosel
Data Depth	01	1 Mega Bit
	02	2 Mega Bits
	04	4 Mega Bits
	08	8 Mega Bits
	16	16 Mega Bits
	32	32 Mega Bits
	64	64 Mega Bits
	12	128 Mega Bits
	25	256 Mega Bits
	51	512 Mega Bits
Data Width	08	30-pin SIMM
	09	30-pin SIMM with Parity
	16	RIMM
	18	RIMM with ECC
	32	72-pin SODIMM/72-pin SIMM
	36	72-pin SODIMM/72-pin SIMM/100-pin SODIMM with Parity
	64	144-pin SODIMM / 168-pin DIMM
	72	144-pin SODIMM / 168-pin DIMM with ECC
Module Family	2	240-pin Un-buffered 1.8V DDR2 DIMM
	3	240-pin Registered 1.8V DDR2 DIMM
	4	200-pin Un-buffered 1.8V DDR2 SO-DIMM
	5	100-pin 2.5V DDR SDRAM DIMM
	A	168-pin Un-buffered 3.3V EDO DIMM
	B	168-pin Buffered 5V DRAM DIMM
	D	184-pin 2.5V DDR SDRAM DIMM
	E	30/72-pin 5V EDO SIMM
	F	30/72-pin 5V FPM SIMM
	G	168-pin Buffered 3.3V EDO DIMM
	H	100-pin 3.3V Un-buffered SDRAM SO-DIMM
	J	72-pin 5V Full Parity
	M	144-pin 3.3V Un-buffered SDRAM SO-DIMM
	N	144-pin 3.3V EDO SO-DIMM
	P	168-pin 3.3V Un-buffered 4-clock SDRAM DIMM
	Q	168-pin 3.3V Registered SDRAM DIMM
	R	184-pin RAMBUS RIMM
	S	200-pin DDR SO-DIMM
	T	184-pin 2.5V Registered DDR SDRAM DIMM
	V	168-pin 3.3V Un-buffered 2-clock SDRAM DIMM
	W	168-pin 3.3V Low-Profile Registered SDRAM DIMM
	Y	184-pin 2.5V Low-Profile Registered DDR SDRAM DIMM
	Z	172-pin 2.5V DDR μDIMM

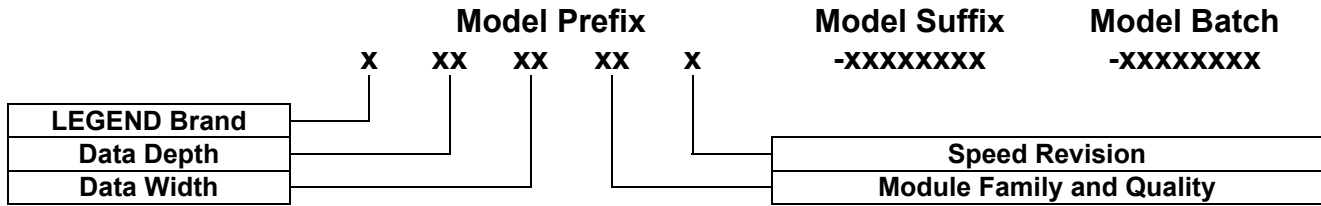
PREFIX NUMBERING GUIDE continued on next page....

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Performance Technology

MEMORY MODULE NAMING GUIDE

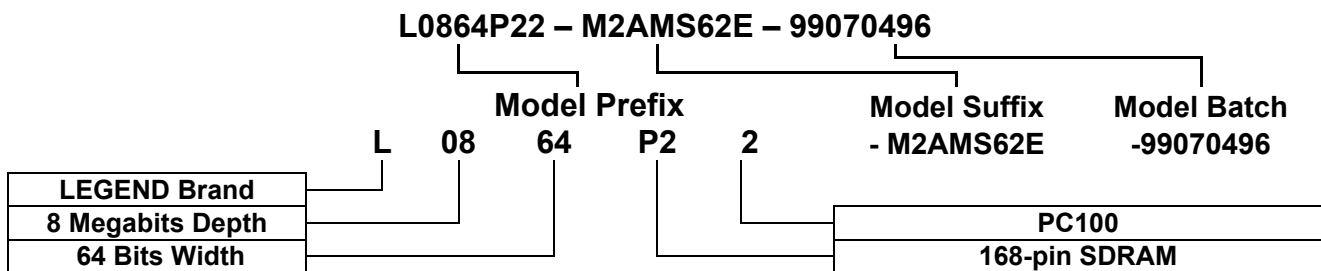
Valid from 25/05/2005



Module Quality		
1	Assembled by silicon manufacturer	
2	LEGEND Manufactured Using Name-Brand Parts with Certification from silicon manufacturer	
3	LEGEND Manufactured Using Name-Brand Parts	
4	LEGEND Packaged	
7	Reserved for LEGEND internal use	
8	Reserved for LEGEND internal use	
C	Intel Certified	
H	High Density	
M	MNC Qualified	

Speed Revision		
A	Asynchronous	
1	PC66	
2	PC100	
3	PC133	
4	PC150	
5	DDR266 (Previously PC2100)	
6	DDR333 (Previously PC2700)	
7	DDR400 (Previously PC3200)	
8	PC800 45ns	
9	PC800 40ns	
B	PC1066	
D	DDR500	
E	DDR533	
F	DDR550	

Example Part Decode



LEGEND

Performance Technology

MEMORY MODULE NAMING GUIDE

Valid from 25/05/2005

SUFFIX NUMBERING GUIDE

Model Prefix

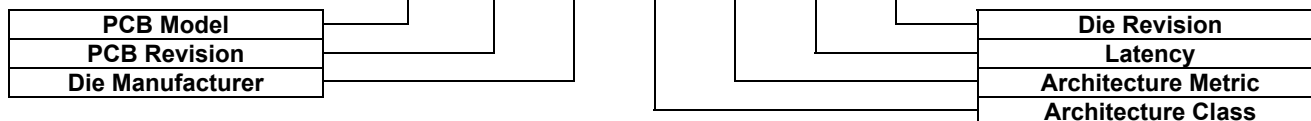
XXXXXXXX-

Model Suffix

XX X X X X X X

Model Batch

-XXXXXXXX



PCB Model	PCB Revision	Die Manufacturer	Die Revision	Latency	Architecture Metric	Architecture Class
08		SM640816				168-pin x8, 8/16 chips
1U		DRR1U0418				184-pin x4, 18 chips, Registered DDR, 8 layers
2L		8032L				72-pin x4, 8/16 chips Asynchronous
41		DR641608				184-pin x16, 4/8 chips, DDR
47		PD4732				100-pin x8, 4/8 chips
59		B5982				168-pin x8, 18 chips, Registered
60		B4860				144-pin x16, 4/8 chips
62		B4862				144-pin x16, 4/8 chips
64		DR640816				184-pin x8, 8/16 chips, DDR
6C		4036C				72-pin x4, 12 chips Asynchronous
6D		8036D				72-pin x4, 24 chips Asynchronous
72		PC16872				168-pin x8, 8/9/16/18 chips
80		B4880				144-pin x8, 8 chips
82		B4882				144-pin x8, 8 chips
83		B6981				168-pin x8, 8/16 chips, 0603 pad size
85		PD8532				100-pin x16, 2/4 chips
86		SD8664Y				144-pin x16, 4/8 chips
88		SD8864Y				144-pin x8, 8 chips
B2		B2660				144-pin x16, 4/8 chips Asynchronous
B7		B7468				72-pin x16, 2/4 chips Asynchronous
B9		B9780				168-pin x8, 8/16 chips Asynchronous
BS		BS080				172-pin x16, 4 chips DDR μDIMM
BU		B6U808				184-pin x8, 8/16 chips, DDR
CA		SO200RCA				200-pin x16, 4/8 chips, DDR SO-DIMM
CB		SO200RCB				200-pin x8, 8 chips, DDR SO-DIMM
D6		B61D608				100-pin x16, DDR SO-DIMM
D8		B61D828				100-pin x8, DDR SO-DIMM
DE		DE640816				184-pin x8, 8/16 chips, DDR
DR		DR720818				184-pin x8, 8/9/16/18 chips, DDR
DS		DS640808				200-pin x8, 8 chips, DDR SO-DIMM
MA		BDMA83A6				184-pin 8/9/16/18 chips DDR
PP						Proprietary PCB
RR		DRR720818				184-pin x8, 8/9/16/18 chips, Registered DDR
RU		DRR1U0818				184-pin x8, 8/9/16/18 chips, Registered DDR, Low Profile
SD		SDR162B-DL				200-pin x16, 4/8 chips, DDR SO-DIMM
SM		SM641608				168-pin x16, 4/8 chips
U6		B6U602				184-pin x16 4/5/8/10 chips, DDR
UR		B62URCA				240-pin x8, 8/9 chips DDR2
PCB Revision	...					

SUFFIX NUMBERING GUIDE *continued on next page....*

LEGEND

Performance Technology

MEMORY MODULE NAMING GUIDE

Valid from 25/05/2005

SUFFIX NUMBERING GUIDE (continued)

Model Prefix

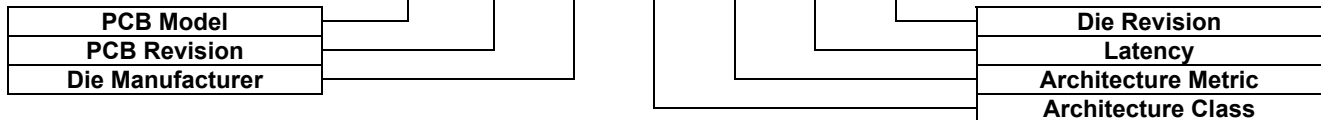
XXXXXXXX-

Model Suffix

XX X X X X X X

Model Batch

-XXXXXXXX



Die Manufacturer	H	Hynix
	I	Infineon Technologies
	L	LEGEND – Performance Technology
	M	Micron Technology
	P	Elpida
	R	Aria
	S	Samsung Semiconductor
	V	Mosel –Vitelic

Class	A	Asynchronous DRAM
	D	DDR DRAM
	F	Flash RAM
	R	Rambus DRAM
	S	SDRAM
	2	DDR2 SDRAM

Architecture	1	2	3	4	5	6	7	8	9	A	B	C	D	E
	4x4	8x4	16x4	2x8	4x8	8x8	16x8	2x16	4x16	8x16	16x16	32x8	64x4	1x16
	F	G	H	J	K	L	M	N	P	Q	R	S	T	W
	8x18	32x4	64x8	16x18	32x16	128x8	128x4	128x16	32x18	64x16	256x8	512x8	1024x8	256x4

Latency	Synchronous	Asynchronous
2	CAS Latency = 2	32ns
3	CAS Latency = 3	40ns
4	CAS Latency = 2 and 2.5	45ns
5	CAS Latency = 2.5	50ns
6	CAS Latency = 2 and 3	60ns
7	CAS Latency = 3.5	
8	CAS Latency = 2.5 and 3	
9	CAS Latency = 2, 2.5 and 3	
A	CAS Latency = 4	
B	CAS Latency = 3 and 4	
C	CAS Latency = 3, 4 and 5	

Die Revision ...

Example Part Decode

L0864P22 - M2AMS62E - 99070496

