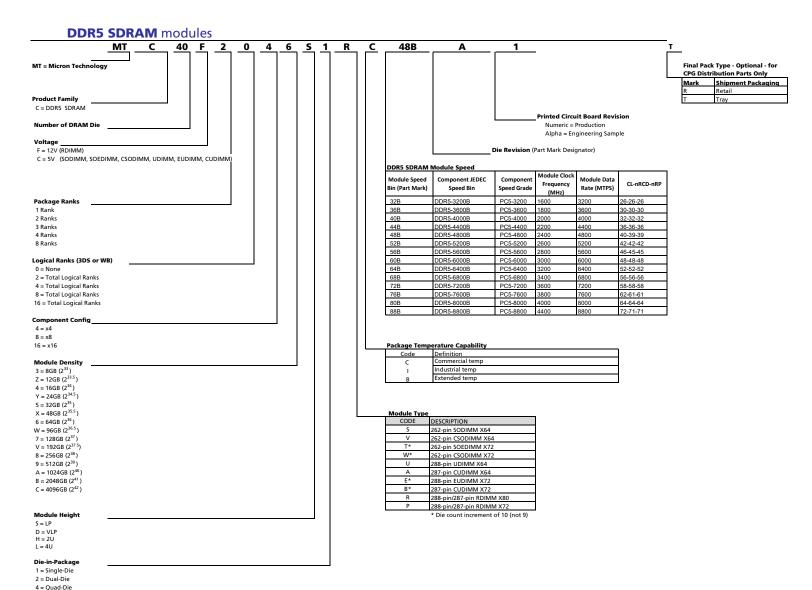
DDR5 Module Part Numbering System

The part numbering system is available at www.micron.com/numbering





Rev. 22 Aug, 2023

8 = Octal-Die

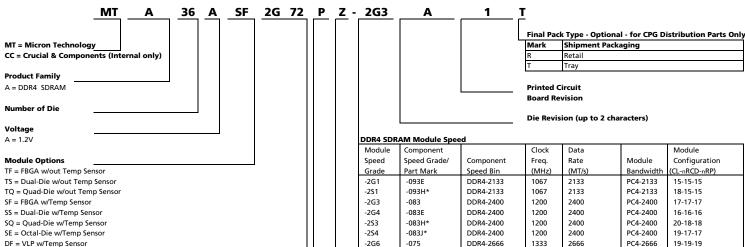
Micron and the Micron logo are trademarks of Micron Technology, Inc.

Products and specifications are subject to change without notice. Dates are estimates only

DDR4 Module Part Numbering System

The part numbering system is available at www.micron.com/numbering

DDR4 SDRAM modules



-256

-2G7

-2G9

-3G2

SPD = serial presence-detect pin (module only)

DDR4-2666

DDR4-2666

DDR4-2933

DDR4-2933

DDR4-3200

DDR4-3200

-075H*

-075E

-068H*

-062E

-068

^{*} Master Slave (MS)

Daaleana	C
Package	coues

Pb-Free	
Devices	Package Descriptions
Z	Commercial temp; Green; 1Rx8, 1Rx4, 2Rx4, 4Rx4, 8Rx4 RDIMM & LRDIMM
DZ	Commercial temp; Green; 2Rx8, 4Rx8, 8Rx8 RDIMM
IZ	Industrial temp, Green; 1Rx8, 1Rx4, 2Rx4, 4Rx4, 8Rx4 RDIMM & LRDIMM
BZ	Extended temp, Green; 1Rx8, 1Rx4, 2Rx4, 4Rx4, 8Rx4 RDIMM & LRDIMM
DBZ	Extended temp, Green; 2Rx8, 4Rx8, 8Rx8 RDIMM

1333

1333

1467

1467

1600

2666

2666

2933

3200

PC4-2666

PC4-2666

PC4-2933

PC4-2933

PC4-3200

22-19-19

18-18-18

21-21-21

24-21-21

22-22-22

Module Type

		TAB_COUN	FORM_FACTOR	BUFFERED
Α	= 288-pin UDIMM (unbuffered)	288	UDIMM	FALSE
Н	= 260-pin SODIMM	260	SODIMM	FALSE
L	= 288-pin LRDIMM	288	LRDIMM	TRUE
LS	= 288-pin 3DS (M/S) LRDIMM	288	LRDIMM	TRUE
Р	= 288-pin RDIMM	288	RDIMM	TRUE
PS	= 288-pin 3DS (M/S) RDIMM	288	RDIMM	TRUE
AK	= 288-pin miniUDIMM (unbuffered)	288	MINIUDIMM	FALSE
PK	= 288-pin miniRDIMM	288	MINIRDIMM	TRUE
N	= 84-pin DDIMM	84	DDIMM	TRUE
Х	= 84-pin DDIMM (w/out registers)	84	DDIMM	FALSE

DF = VLP w/Temp Sensor DS = VLP Dual-Die w/Temp Sensor DQ = VLP Quad-Die w/Temp Sensor LF = 4U height with temp sensor LS = 4U height Dual-Die with temp sensor LQ = 4U height Quad-Die with temp sensor LE = 4U height Octal-Die with temp sensor HF = 2U height with temp sensor HS = 2U height Dual-Die with temp sensor HQ = 2U height Quad-Die with temp sensor HE = 2U height Octal-Die with temp sensor SZF = FBGA w/Temp Sensor and Heat Spreader SZS = Dual-Die w/Temp Sensor and Heat Spreader SZQ = Quad-Die w/Temp Sensor and Heat Spreader SZE = Octal-Die w/Temp Sensor and Heat Spreader DZF = VLP w/Temp Sensor and Heat Spreader

Module Configuration Blank = Megabits

DZS = VLP Dual-Die w/Temp Sensor and Heat Spreader DZQ = VLP Quad-Die w/Temp Sensor and Heat Spreader

G = Gigabits

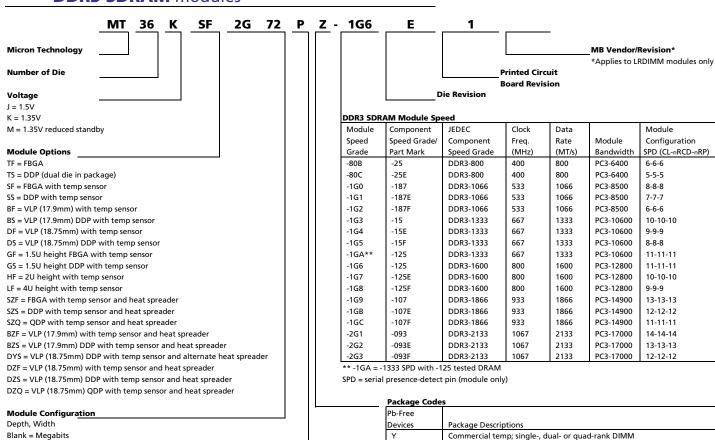
Depth, Width



DDR3 Module Part Numbering System

The part numbering system is available at www.micron.com/numbering

DDR3 SDRAM modules



G = Gigabits

Module Type

Blank = 240-pin registered DIMM A = 240-pin unbuffered DIMM

H = 204-pin SODIMM

HS = 204-pin SODIMM (R/C G: standard layout)

HR = 204-pin SODIMM (R/C H: reverse layout)

P = 240-pin parity RDIMM L = 240-pin LRDIMM

AK = 244-pin unbuffered miniDIMM

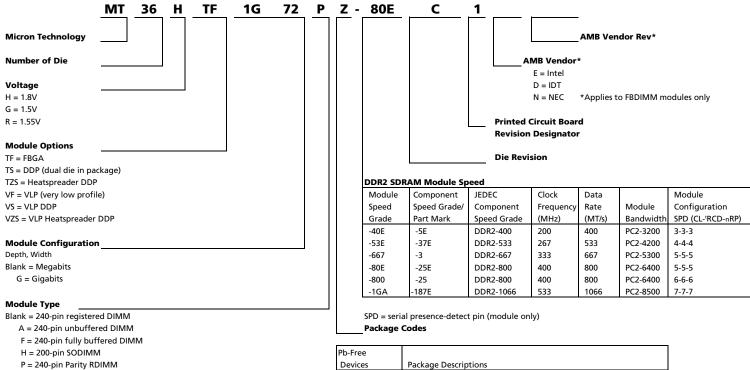
PK = 244-pin parity miniRDIMM

Pb-Free	
Devices	Package Descriptions
Υ	Commercial temp; single-, dual- or quad-rank DIMM
Z	Halogen-free; commercial temp; single-, dual-, quad- or octal-rank DIMM
IZ	Halogen-free; Industrial temp, commercial temp; single-, dual- or quad-rank DIMM
TZ	Halogen-free; Industrial temp; select dual- and quad-rank DIMM
DY	Commercial temp; select dual- or quad-rank DIMM
DZ	Halogen-free; commercial temp; select dual-, quad- or octal-rank DIMM

DDR2 Module Part Numbering System

The part numbering system is available at www.micron.com/numbering

DDR2 SDRAM modules



Y Commercial temp; single- or dual-rank DIMM

Z. Halogen-free; commercial temp; single- or dual-rank DIMM

DY Commercial temp; select dual-rank

DZ Halogen-free; commercial temp; select dual- or quad-rank DIMM

IY Industrial temp; select single and dual-rank DIMM

TY Industrial temp; select dual and quad-rank DIMM

IZ Halogen-free; industrial temp; select single and dual-rank DIMM

TZ Halogen-free; industrial temp; select dual and quad-rank DIMM

Rev. 27-Nov-2018

PK = 244-pin Parity MiniRDIMM

RH = 200-pin SORDIMM

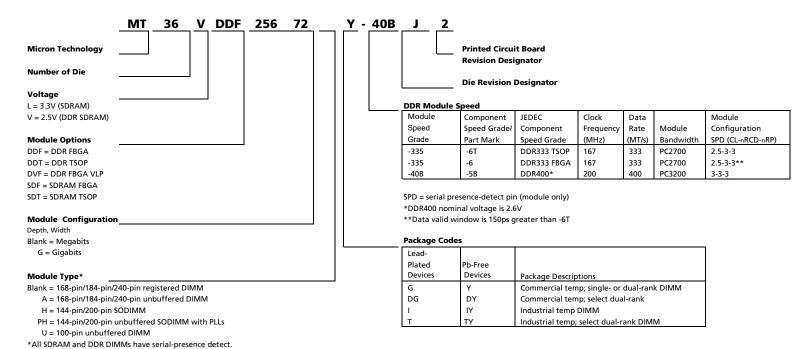
© 2018 Micron Technology, Inc. Micron and the Micron logo are trademarks of Micron Technology, Inc. Products and specifications are subject to change without notice. Dates are estimates only.



DDR/SDRAM Module Part Numbering System

The part numbering system is available at www.micron.com/numbering

DDR/SDRAM modules



SDR Modules

Module	Allowable	
Speed	Component Speed	CL- ^t RCD- ^t RP
-133	-6A, -75, -7E	3-3-3
-13E	-7E	2-2-2

DDF	R Mo	dul	es

Module Speed	Allowable Component Speed
-335	-6, -6T, -5B
-40B	-5B

Rev. 05-Dec-2018

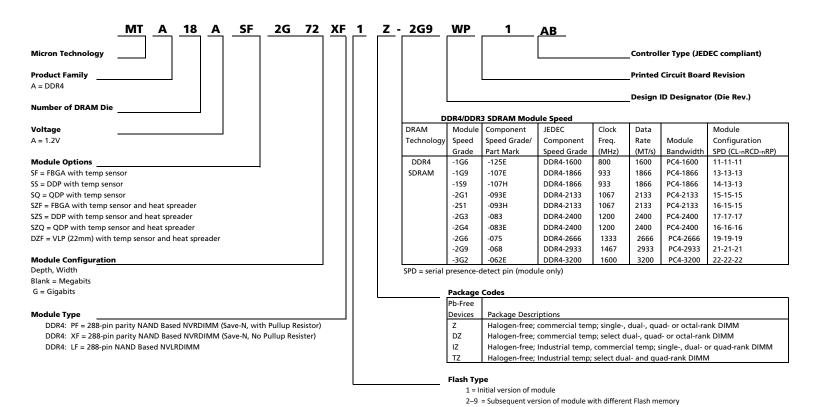
© 2018 Micron Technology, Inc.
Micron and the Micron logo are trademarks of Micron Technology, Inc.
Products and specifications are subject to change without notice. Dates are
estimates only.



DDR4 NVDIMM Part Numbering System

The part numbering system is available at www.micron.com/numbering

DDR4 SDRAM Nonvolatile modules



Rev. 11-Dec-2018

© 2018 Micron Technology, Inc.
Micron and the Micron logo are trademarks of Micron Technology, Inc.
Products and specifications are subject to change without notice. Dates are estimates only.

