3xx and 4xx Series SSD Part Numbering System
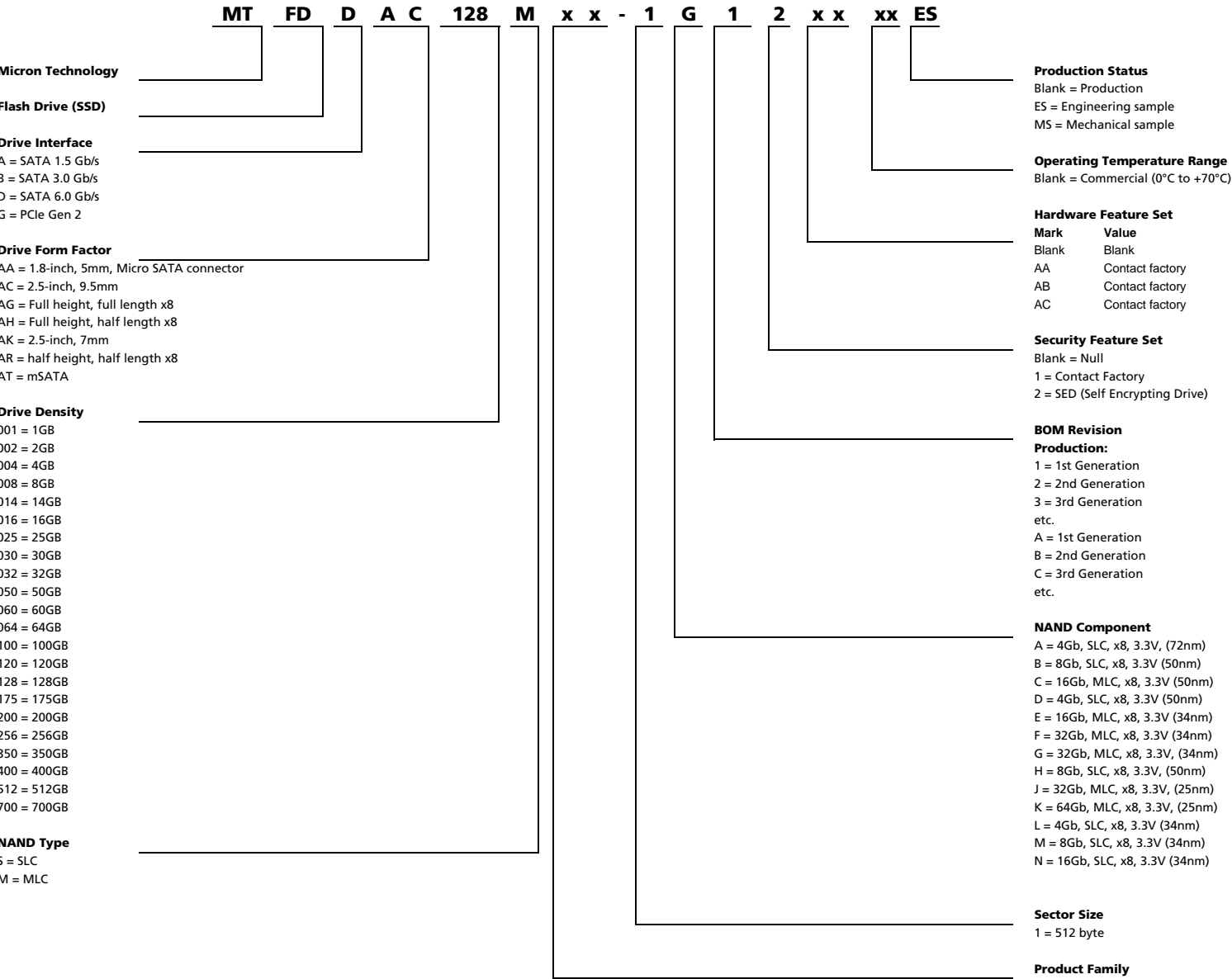
The part numbering system is available at **www.micron.com/numbering**

SSD Part Numbering System

MT FD D A C 128 M x x - 1 G 1 2 x x xx ES

Micron Technology

Flash Drive (SSD)

Drive Interface
A = SATA 1.5 Gb/s
B = SATA 3.0 Gb/s
D = SATA 6.0 Gb/s
G = PCIe Gen 2

Drive Form Factor
AA = 1.8-inch, 5mm, Micro SATA connector
AC = 2.5-inch, 9.5mm
AG = Full height, full length x8
AH = Full height, half length x8
AK = 2.5-inch, 7mm
AR = half height, half length x8
AT = mSATA

Drive Density
001 = 1GB
002 = 2GB
004 = 4GB
008 = 8GB
014 = 14GB
016 = 16GB
025 = 25GB
030 = 30GB
032 = 32GB
050 = 50GB
060 = 60GB
064 = 64GB
100 = 100GB
120 = 120GB
128 = 128GB
175 = 175GB
200 = 200GB
256 = 256GB
350 = 350GB
400 = 400GB
512 = 512GB
700 = 700GB

NAND Type
S = SLC
M = MLC

Production Status
Blank = Production
ES = Engineering sample
MS = Mechanical sample

Operating Temperature Range
Blank = Commercial (0°C to +70°C)

Hardware Feature Set

Mark	Value
Blank	Blank
AA	Contact factory
AB	Contact factory
AC	Contact factory

Security Feature Set
Blank = Null
1 = Contact Factory
2 = SED (Self Encrypting Drive)

BOM Revision
Production:
1 = 1st Generation
2 = 2nd Generation
3 = 3rd Generation
etc.
A = 1st Generation
B = 2nd Generation
C = 3rd Generation
etc.

NAND Component
A = 4Gb, SLC, x8, 3.3V, (72nm)
B = 8Gb, SLC, x8, 3.3V (50nm)
C = 16Gb, MLC, x8, 3.3V (50nm)
D = 4Gb, SLC, x8, 3.3V (50nm)
E = 16Gb, MLC, x8, 3.3V (34nm)
F = 32Gb, MLC, x8, 3.3V (34nm)
G = 32Gb, MLC, x8, 3.3V, (34nm)
H = 8Gb, SLC, x8, 3.3V, (50nm)
J = 32Gb, MLC, x8, 3.3V, (25nm)
K = 64Gb, MLC, x8, 3.3V, (25nm)
L = 4Gb, SLC, x8, 3.3V (34nm)
M = 8Gb, SLC, x8, 3.3V (34nm)
N = 16Gb, SLC, x8, 3.3V (34nm)

Sector Size
1 = 512 byte

Product Family
AE = C200/P200
AF = eUSB
AG = C300
AJ = e230
AL = P300
AH = P320
AM = C400

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420 and 5xx Series SSD Part Numbering System

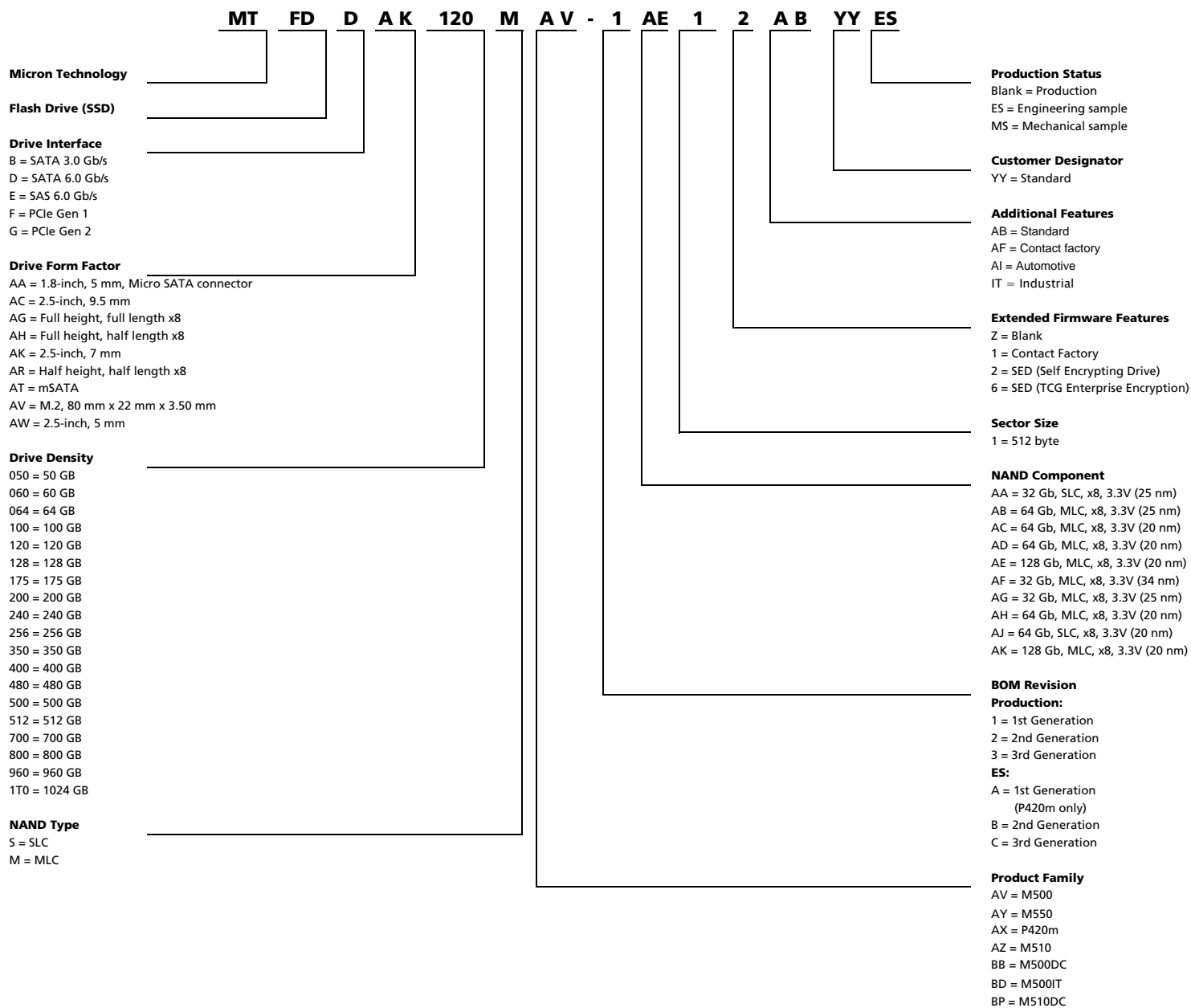*The part numbering system is available at **www.micron.com/numbering***

SSD Part Numbering System

MT FD D A K 120 M A V - 1 AE 1 2 A B YY ES

Micron Technology

Flash Drive (SSD)

Drive Interface
B = SATA 3.0 Gb/s
D = SATA 6.0 Gb/s
E = SAS 6.0 Gb/s
F = PCIe Gen 1
G = PCIe Gen 2

Drive Form Factor
AA = 1.8-inch, 5 mm, Micro SATA connector
AC = 2.5-inch, 9.5 mm
AG = Full height, full length x8
AH = Full height, half length x8
AK = 2.5-inch, 7 mm
AR = Half height, half length x8
AT = mSATA
AV = M.2, 80 mm x 22 mm x 3.50 mm
AW = 2.5-inch, 5 mm

Drive Density
050 = 50 GB
060 = 60 GB
064 = 64 GB
100 = 100 GB
120 = 120 GB
128 = 128 GB
175 = 175 GB
200 = 200 GB
240 = 240 GB
256 = 256 GB
350 = 350 GB
400 = 400 GB
480 = 480 GB
500 = 500 GB
512 = 512 GB
700 = 700 GB
800 = 800 GB
960 = 960 GB
1T0 = 1024 GB

NAND Type
S = SLC
M = MLC

Production Status
Blank = Production
ES = Engineering sample
MS = Mechanical sample

Customer Designator
YY = Standard

Additional Features
AB = Standard
AF = Contact factory
AI = Automotive
IT = Industrial

Extended Firmware Features
Z = Blank
1 = Contact Factory
2 = SED (Self Encrypting Drive)
6 = SED (TCG Enterprise Encryption)

Sector Size
1 = 512 byte

NAND Component
AA = 32 Gb, SLC, x8, 3.3V (25 nm)
AB = 64 Gb, MLC, x8, 3.3V (25 nm)
AC = 64 Gb, MLC, x8, 3.3V (20 nm)
AD = 64 Gb, MLC, x8, 3.3V (20 nm)
AE = 128 Gb, MLC, x8, 3.3V (20 nm)
AF = 32 Gb, MLC, x8, 3.3V (34 nm)
AG = 32 Gb, MLC, x8, 3.3V (25 nm)
AH = 64 Gb, MLC, x8, 3.3V (20 nm)
AJ = 64 Gb, SLC, x8, 3.3V (20 nm)
AK = 128 Gb, MLC, x8, 3.3V (20 nm)

BOM Revision
Production:
1 = 1st Generation
2 = 2nd Generation
3 = 3rd Generation
ES:
A = 1st Generation
        (P420m only)
B = 2nd Generation
C = 3rd Generation

Product Family
AV = M500
AY = M550
AX = P420m
AZ = M510
BB = M500DC
BD = M500IT
BP = M510DC

Operating Temperature Range = Commercial (0°C to +70°C) applies to all SSDs

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