SWISSBIT PART NUMBER – THE DNA OF YOUR SPECIFIC PRODUCT

S	F	SA	128G	Q	1	A	A	4	TO	I	N	C	*	*
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SWISSBIT MEMORY (1)

MEMORY TYPE (2)

F: Flash Products

PRODUCT TYPE (3)

U2: USB 2.0 Flash Drive
U3: USB 3.1 Flash Drive
UI: Embedded USB / eUSB
CA: CFast™
CF: CompactFlash™
SD: SD Memory Card
MM: Multimedia Card
EM: Embedded MMC (eMMC)
EN: Embedded PCIe
SA: SATA
PC: PCIe

DENSITY (4)

0016 – 0512	=	16 MB – 512 MB
1024, 2048, 4096, 8192	=	1 GB – 8 GB
004G – 960G	=	4 GB – 960 GB
1T92	=	2 TB

PRODUCT DIMENSION (5)

E: USB drive
H: CompactFlash™ / CFast™
J: UFD Module 2.54 mm terminal header
K: UFD Module 2.00 mm terminal header
L: SD Memory Card
M: M.2 SSD
N: microSD Memory Card
O: Multimedia Card
Q: SSD 2.5"
U: mSATA (MO-300)
V: SLIM SATA (MO-297)
C: USB COB
B: BGA

PRODUCT GENERATION (6)

MEMORY ORGANIZATION (7)

TECHNOLOGY (8)

CHIPS / CHANNELS (9)

FLASH SUPPLIER (10)

SA: Samsung
MT: Micron Technology
TO: Toshiba
MA: Macronix
HY: SK Hynix
SD: SanDisk

TEMPERATURE RATING (11)

I: Industrial Temp. (-40°C to +85°C)
E: Extended Temp. (-25°C to +85 / 90°C)
C: Commercial Temp. (0°C to +70°C)
A: Automotive Temp. (-40 to + 105°C)

FLASH PACKAGE CLASSIFICATION (12)

M, D, Q, N: SLC NAND
G, L, J, H, O, R: MLC NAND
1-4,9: 3D NAND, MLC
5-8 : 3D NAND, TLC

NAND PACKAGE & PIN MODE (13)

TSOP, BGA, COB
Quantity of chip select lines (nCE) and ready busy lines (RnB) per package

CONFIGURATION (14)

DESIGN OPTION (15)

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For further details visit www.swissbit.com