

	S	F	SA	128G	Q	1	A	A	4	T0	I	N	C	*	*		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
SWISSBIT MEMORY (1)																DESIGN OPTION (15)	
MEMORY TYPE (2)																CONFIGURATION (14)	
F: Flash Products																NAND PACKAGE & PIN MODE (13)	
PRODUCT TYPE (3)																TSOP, BGA, COB	
U2: USB 2.0 Flash Drive																Quantity of chip select lines (nCE) and	
U3: USB 3.1 Flash Drive																ready busy lines (RnB) per package	
UI: Embedded USB / eUSB																FLASH PACKAGE CLASSIFICATION (12)	
CA: CFast™																M, D, Q, N: SLC NAND	
CF: CompactFlash™																G, L, J, H, O, R: MLC NAND	
SD: SD Memory Card																1-4,9: 3D NAND, MLC	
MM: Multimedia Card																5-8 : 3D NAND, TLC	
EM: Embedded MMC (eMMC)																TEMPERATURE RATING (11)	
EN: Embedded PCIe																I: Industrial Temp. (-40°C to +85°C)	
SA: SATA																E: Extended Temp. (-25°C to +85 / 90°C)	
PC: PCIe																C: Commercial Temp. (0°C to +70°C)	
DENSITY (4)																A: Automotive Temp. (-40 to + 105°C)	
0016 – 0512 = 16 MB – 512 MB																FLASH SUPPLIER (10)	
1024, 2048, 4096, 8192 = 1 GB – 8 GB																SA: Samsung	
004G – 960G = 4 GB – 960 GB																MT: Micron Technology	
1T92 = 2 TB																TO: Toshiba	
PRODUCT DIMENSION (5)																MA: Macronix	
E: USB drive																HY: SK Hynix	
H: CompactFlash™ / CFast™																SD: SanDisk	
J: UFD Module 2.54 mm terminal header																CHIPS / CHANNELS (9)	
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 (M0-300)																	
V: SLIM SATA (M0-297)																	
C: USB COB																	
B: BGA																	
PRODUCT GENERATION (6)																	
MEMORY ORGANIZATION (7)																	
TECHNOLOGY (8)																	
SWISSBIT PART NUMBER – THE DNA OF YOUR SPECIFIC PRODUCT																	
For further details visit www.swissbit.com																	

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<u>SFSA030GM1AK1TO-I-5S-516-STD</u>		