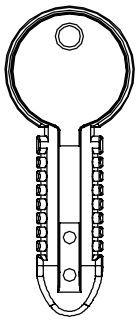
Product Selection and Identifying Guide

Datakey®

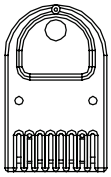
The power of memory. Secured.

A



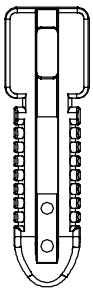
KEY

B



TOKEN

C



KEY

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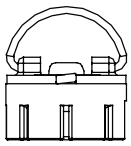
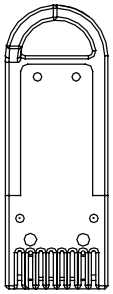


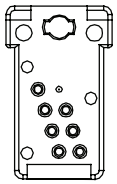
PLUG

E



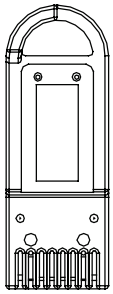
EXTENDED TOKEN

F



BAR TOKEN

G



RUGGEDRIVE™ TOKEN

PRODUCT FAMILY	MEMORY TYPE	INTERFACE	MEMORY SIZE(S)	FORM FACTOR
DK Series	EEPROM	Microwire	1 Kb - 16 Kb	C
KSD Series	EEPROM	Microwire	1 Kb - 4 Kb**	D
LCK Series	EEPROM	Microwire	1 Kb - 16 Kb	A
LCS Series	EEPROM	Microwire	1 Kb - 16 Kb	B
LCX Series	EEPROM	Microwire	1 Kb - 16 Kb	E
LCB Series	EEPROM	Microwire	1 Kb - 16 Kb	F
ISP Series	EEPROM	I²C	4 Kb**	D
ISK Series	EEPROM	I²C	1 Kb - 256 Kb**	A
IST Series	EEPROM	I²C	1 Kb - 256 Kb**	B
ISX Series	EEPROM	I²C	1 Kb - 512 Kb	E
ISB Series	EEPROM	I²C	1 Kb - 256 Kb**	F
IIK Series	EEPROM (Unique S/N)	2-wire	1.5 Kb	A
IIT Series	EEPROM (Unique S/N)	2-wire	1.5 Kb	B
IIX Series	EEPROM (Unique S/N)	2-wire	1.5 Kb	E
IEK Series	EEPROM (CryptoMemory®*)	CryptoMemory*	1 Kb - 256 Kb	A
IET Series	EEPROM (CryptoMemory*)	CryptoMemory*	1 Kb - 256 Kb	B
IEX Series	EEPROM (CryptoMemory*)	CryptoMemory*	1 Kb - 256 Kb	E
SSP Series	EEPROM	SPI	2 Kb - 256 Kb	D
SSK Series	EEPROM	SPI	2 Kb - 256 Kb	A
SST Series	EEPROM	SPI	2 Kb - 256 Kb	B
SSX Series	EEPROM	SPI	2 Kb - 256 Kb	E
SSB Series	EEPROM	SPI	2 Kb - 256 Kb	F
SFK Series	NOR Flash	SPI	1 Mb - 32 Mb**	A
SFK 5V Series	NOR Flash	SPI	1 Mb - 8 Mb	A
SFT Series	NOR Flash	SPI	1 Mb - 32 Mb	B
SFX Series	NOR Flash	SPI	1 Mb - 64 Mb	E
NFX Series	NAND Flash	SPI and USB	256 MB - 512 MB	G
UFX Series	NAND Flash	USB 2.0 Hi-Speed	4 GB - 32 GB	G
DFX Series	NAND Flash	SD and SPI	4 GB - 32 GB	G

* CryptoMemory is a registered trademark of Atmel Corp.
** Contact us for other memory capacities.

Key/Token/Plug Size Codes

CODE	SIZE IN BITS	BYTES
A	1 Kb	128 bytes
B	2 Kb	256 bytes
C	4 Kb	512 bytes
D	8 Kb	1 KB
E	16 Kb	2 KB
F	32 Kb	4 KB
G	64 Kb	8 KB
H	128 Kb	16 KB
I	256 Kb	32 KB
J	512 Kb	64 KB
K	1 Mb	128 KB
L	2 Mb	256 KB
M	4 Mb	512 KB
N	8 Mb	1 MB
O	16 Mb	2 MB
P	32 Mb	4 MB
Q	64 Mb	8 MB
R	128 Mb	16 MB
S	256 Mb	32 MB
T	512 Mb	64 MB
U	1 Gb	128 MB
V	2 Gb	256 MB
W	4 Gb	512 MB
X	8 Gb	1 GB
Y	16 Gb	2 GB
Z	32 Gb	4 GB

Date Codes

MONTH		YEAR		
1	Jan	1	2001	2011
2	Feb	2	2002	2012
3	Mar	3	2003	2013
4	Apr	4	2004	2014
5	May	5	2005	2015
6	Jun	6	2006	2016
7	Jul	7	2007	2017
8	Aug	8	2008	2018
9	Sep	9	2009	2019
0	Oct	0	2010	2020
N	Nov			
D	Dec			

Voltage Codes

CODE	VOLTAGE RANGE
Blank	4.5 - 5.5 V
5	3.0 - 3.6 V
4	2.7 - 5.5 V
3	2.7 - 3.6 V
2	1.8 - 3.6 V

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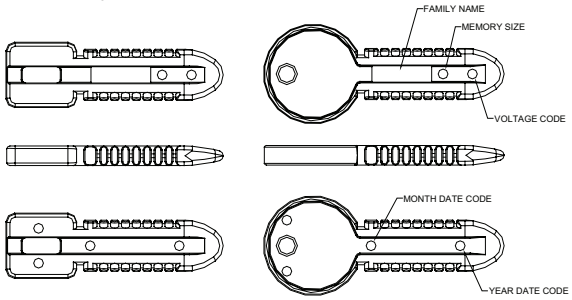
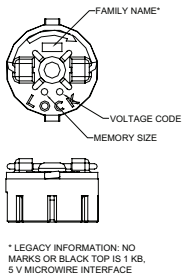
KEY MARKING

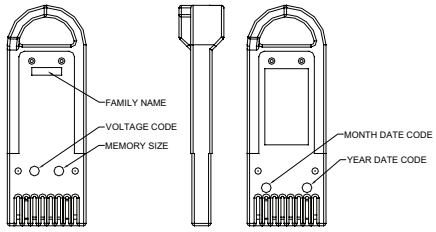


PLUG MARKING



* LEGACY INFORMATION: NO MARKS OR BLACK TOP IS 1 KB, 5 V MICROWIRE INTERFACE

EXTENDED TOKEN MARKING



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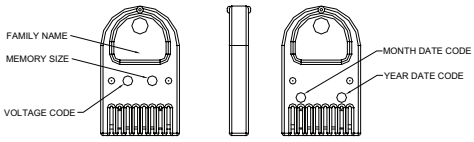
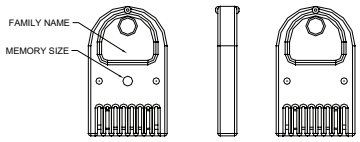
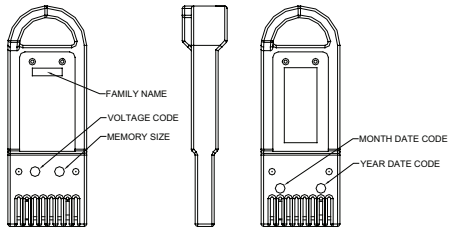


LEGACY TOKEN

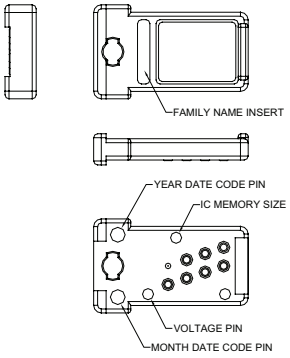


APPLIES TO MANUFACTURING DATES OF 4/2003 - 3/2005

RUGGEDRIVE TOKEN MARKING



BAR MARKING



NFX and RUGGEDrive Size Codes

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G	64 Gb	8 GB
H	128 Gb	16 GB
I	256 Gb	32 GB
J	512 Gb	64 GB
K	1 Tb	128 GB
L	2 Tb	256 GB
M	4 Tb	512 GB
N	8 Tb	1 TB

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