

INDUSTRIAL 40/44-PIN micro IDE FLASH (MIF) DISK



40/44-pin MIF supports operating temperature 0°C ~ 70°C	25
40/44-pin MIF supports operating temperature -40°C ~ 85°C	29
Part number decoder	33

Industrial 40/44-pin micro IDE flash (MIF) disk supports operating temperature 0°C ~ 70°C

Features:

- Standard 40/44-pin female IDE connector
- Compact-designing form-factors in vertical type and Horizontal type
- Card capacity from 16MB up to 8GB
- Comply with ATAPI-5 supports True IDE mode
- Data transfer supports PIO-4 or UDMA-4
- Performance up to 19.9MB/sec
- Operating temperature 0°C up to 70°C
- 1 year warranty



Specifications:

◆ Compatibility	ATAPI-5 and True IDE mode
◆ Form-factor	Compact-designing in vertical type and horizontal type
◆ Host Interface	Standard 40-pin or 44-pin female IDE connector
◆ Master/Slave Setting	By switch
◆ Write Protection Device	By switch
◆ LED Indicators	Blue: Power on Red: Operation
◆ Compatibility	
● Data Transfer Mode	PIO-4 mode or UDMA-4 mode
● Date Transfer Rate	66.6MB/sec under UDMA-4 mode 16.6MB/sec under PIO-4 mode
● Sequential Read	25.0MByte/sec (64MB file test)
● Sequential Write	19.0MB/sec (64MB file test)
● Average Access Time	0.7ms (estimated)
◆ Environmental Specification	
● Operating Temperature	0°C ~ 70°C
● Non-operating Temperature	-20°C ~ 80°C
● Humidity	5% ~ 95% non-condensing
● Vibration	20 G, compliance to MIL-STD-810F
● Shock	1,500G, compliance to MIL-STD-810F
◆ Power Consumption	
● Power Requirement	+5V ± 10%
● Reading Mode	36 mA (Typ.)
● Writing Mode	48 mA (Typ.)
● Sleeping Mode	16.2 mA (Typ.)



◆ Reliability

- MTBF
- ECC
- Endurance

> 1,000,000 hours

Enhanced management per 4-bit ECC code

> 2,000,000 cycles logically contributed by wear-leveling and advanced bad sector management algorithms

- MTBF
- ECC

< 1 non-recoverable error in 10^{14} bits read
10 years

◆ Physical Specification

- Weight (Max.) / g

40-pin Vertical type : 20g

Horizontal type: 15g

44-pin Vertical type : 15g

Horizontal type: 10g

- Dimension / mm

40-pin Vertical type : 57.00 x 28.60 x 10.20

Horizontal type : 51.85 x 26.50 x 8.70

44-pin Vertical type : 49.95 x 27.35 x 9.9

Horizontal type : 45.05 x 27.00 x 5.75

◆ Warranty

1 year

Appearance Features:






40-pin V-Type Front Side






40-pin V-Type Front Side

Industrial 40/44-pin micro IDE flash (MIF) disk supports operating temperature 0°C ~ 70°C

Part Number List:

Form-factor			40-pin microIDE flash disk	
Grade			Operating temperature supports 0°C ~ 70°C	
Product picture	Cap.	Mode	PIO-4 mode	UDMA-4 mode
40-pin Vertical type 	16 MB	Vertical	SMIF016S-ECSC-40V0P	SMIF016S-ECSC-40V0U
		Right	SMIF016S-ECSC-40HRP	SMIF016S-ECSC-40HRU
		Left	SMIF016S-ECSC-40HLP	SMIF016S-ECSC-40HLU
	32 MB	Vertical	SMIF032S-ECSC-40V0P	SMIF032S-ECSC-40V0U
		Right	SMIF032S-ECSC-40HRP	SMIF032S-ECSC-40HRU
		Left	SMIF032S-ECSC-40HLP	SMIF032S-ECSC-40HLU
	64 MB	Vertical	SMIF064S-ECSC-40V0P	SMIF064S-ECSC-40V0U
		Right	SMIF064S-ECSC-40HRP	SMIF064S-ECSC-40HRU
		Left	SMIF064S-ECSC-40HLP	SMIF064S-ECSC-40HLU
40-pin Horizontal-right type 	128 MB	Vertical	SMIF128S-ECSC-40V0P	SMIF128S-ECSC-40V0U
		Right	SMIF128S-ECSC-40HRP	SMIF128S-ECSC-40HRU
		Left	SMIF128S-ECSC-40HLP	SMIF128S-ECSC-40HLU
	256 MB	Vertical	SMIF256S-ECSC-40V0P	SMIF256S-ECSC-40V0U
		Right	SMIF256S-ECSC-40HRP	SMIF256S-ECSC-40HRU
		Left	SMIF256S-ECSC-40HLP	SMIF256S-ECSC-40HLU
	512 MB	Vertical	SMIF512S-ECSC-40V0P	SMIF512S-ECSC-40V0U
		Right	SMIF512S-ECSC-40HRP	SMIF512S-ECSC-40HRU
		Left	SMIF512S-ECSC-40HLP	SMIF512S-ECSC-40HLU
40-pin Horizontal-left type 	1 GB	Vertical	SMIF01GS-ECSC-40V0P	SMIF01GS-ECSC-40V0U
		Right	SMIF01GS-ECSC-40HRP	SMIF01GS-ECSC-40HRU
		Left	SMIF01GS-ECSC-40HLP	SMIF01GS-ECSC-40HLU
	2 GB	Vertical	SMIF02GS-ECSC-40V0P	SMIF02GS-ECSC-40V0U
		Right	SMIF02GS-ECSC-40HRP	SMIF02GS-ECSC-40HRU
		Left	SMIF02GS-ECSC-40HLP	SMIF02GS-ECSC-40HLU
	4 GB	Vertical	SMIF04GS-ECSC-40V0P	SMIF04GS-ECSC-40V0U
		Right	SMIF04GS-ECSC-40HRP	SMIF04GS-ECSC-40HRU
		Left	SMIF04GS-ECSC-40HLP	SMIF04GS-ECSC-40HLU
8 GB	Vertical	SMIF08GS-ECSC-40V0P	SMIF08GS-ECSC-40V0U	
	Right	SMIF08GS-ECSC-40HRP	SMIF08GS-ECSC-40HRU	
	Left	SMIF08GS-ECSC-40HLP	SMIF08GS-ECSC-40HLU	



Form-factor			44-pin microIDE flash disk	
Grade			Operating temperature supports 0°C ~ 70°C	
Product picture	Cap.	Mode	PIO-4 mode	UDMA-4 mode
44-pin Vertical type 	16 MB	Vertical	SMIF016S-ECSC-44V0P	SMIF016S-ECSC-44V0U
		Right	SMIF016S-ECSC-44HRP	SMIF016S-ECSC-44HRU
		Left	SMIF016S-ECSC-44HLP	SMIF016S-ECSC-44HLU
	32 MB	Vertical	SMIF032S-ECSC-44V0P	SMIF032S-ECSC-44V0U
		Right	SMIF032S-ECSC-44HRP	SMIF032S-ECSC-44HRU
		Left	SMIF032S-ECSC-44HLP	SMIF032S-ECSC-44HLU
	64 MB	Vertical	SMIF064S-ECSC-44V0P	SMIF064S-ECSC-44V0U
		Right	SMIF064S-ECSC-44HRP	SMIF064S-ECSC-44HRU
		Left	SMIF064S-ECSC-44HLP	SMIF064S-ECSC-44HLU
44-pin Horizontal-right type 	128 MB	Vertical	SMIF128S-ECSC-44V0P	SMIF128S-ECSC-44V0U
		Right	SMIF128S-ECSC-44HRP	SMIF128S-ECSC-44HRU
		Left	SMIF128S-ECSC-44HLP	SMIF128S-ECSC-44HLU
	256 MB	Vertical	SMIF256S-ECSC-44V0P	SMIF256S-ECSC-44V0U
		Right	SMIF256S-ECSC-44HRP	SMIF256S-ECSC-44HRU
		Left	SMIF256S-ECSC-44HLP	SMIF256S-ECSC-44HLU
	512 MB	Vertical	SMIF512S-ECSC-44V0P	SMIF512S-ECSC-44V0U
		Right	SMIF512S-ECSC-44HRP	SMIF512S-ECSC-44HRU
		Left	SMIF512S-ECSC-44HLP	SMIF512S-ECSC-44HLU
44-pin Horizontal-left type 	1 GB	Vertical	SMIF01GS-ECSC-44V0P	SMIF01GS-ECSC-44V0U
		Right	SMIF01GS-ECSC-44HRP	SMIF01GS-ECSC-44HRU
		Left	SMIF01GS-ECSC-44HLP	SMIF01GS-ECSC-44HLU
	2 GB	Vertical	SMIF02GS-ECSC-44V0P	SMIF02GS-ECSC-44V0U
		Right	SMIF02GS-ECSC-44HRP	SMIF02GS-ECSC-44HRU
		Left	SMIF02GS-ECSC-44HLP	SMIF02GS-ECSC-44HLU
	4 GB	Vertical	SMIF04GS-ECSC-44V0P	SMIF04GS-ECSC-44V0U
		Right	SMIF04GS-ECSC-44HRP	SMIF04GS-ECSC-44HRU
		Left	SMIF04GS-ECSC-44HLP	SMIF04GS-ECSC-44HLU
8 GB	Vertical	SMIF08GS-ECSC-44V0P	SMIF08GS-ECSC-44V0U	
	Right	SMIF08GS-ECSC-44HRP	SMIF08GS-ECSC-44HRU	
	Left	SMIF08GS-ECSC-44HLP	SMIF08GS-ECSC-44HLU	

Technical Note: APRO's 40/44-pin MIF supports PIO-4 or UDMA-4 mode. If you want to order MIF in UDMA mode, you have to make sure that the IDE interface or CF socket to IDE interface are circuited with signal-DMARQ (DMA request) and signal DMACK (DMA acknowledge); otherwise, please order MIF in PIO mode to avoid from compatible issues.

Industrial 40/44-pin micro IDE flash (MIF) disk supports operating temperature -40°C ~ 85°C

Features:

- Standard 40/44-pin female IDE connector
- Compact-designing form-factors in vertical type and horizontal type
- Card capacity from 16MB up to 8GB
- Comply with ATAPI-5 supports True IDE mode
- Data transfer supports PIO-4 or UDMA-4
- Performance up to 19.9MB/sec
- Operating temperature -40°C up to 85°C
- 3 years warranty

Industrial Grade



Specifications:

◆ Compatibility	ATAPI-5 and True IDE mode
◆ Form-factor	Compact-designing in vertical type and horizontal type
◆ Host Interface	Standard 40-pin or 44-pin female IDE connector
◆ Master/Slave Setting	By switch
◆ Write Protection Device	By switch
◆ LED Indicators	Blue: Power on Red: Operation
◆ Compatibility	
● Data Transfer Mode	PIO-4 mode or UDMA-4 mode
● Date Transfer Rate	66.6MB/sec under UDMA-4 mode 16.6MB/sec under PIO-4 mode
● Sequential Read	25.0MB/sec (64MB file test)
● Sequential Write	19.0MB/sec (64MB file test)
● Average Access Time	0.7ms (estimated)
◆ Environmental Specification	
● Operating Temperature	-40°C ~ 85°C
● Non-operating Temperature	-50°C ~ 95°C
● Humidity	5% ~ 95% non-condensing
● Vibration	20 G, compliance to MIL-STD-810F
● Shock	1,500G, compliance to MIL-STD-810F
◆ Power Consumption	
● Power Requirement	+5V ± 10%
● Reading Mode	36 mA (Typ.)
● Writing Mode	48 mA (Typ.)
● Sleeping Mode	16.2 mA (Typ.)



◆ Reliability

- MTBF
- ECC
- Endurance

> 1,000,000 hours
Enhanced management per 4-bit ECC code
> 2,000,000 cycles logically contributed by wear-leveling and advanced bad sector management algorithms
< 1 non-recoverable error in 10^{14} bits read
10 years

- Data Reliability
- Data Retention

◆ Physical Specification

- Weight (Max.) / g

40-pin Vertical type : 20g
Horizontal type: 15g
44-pin Vertical type : 15g
Horizontal type: 10g

- Dimension / mm

40-pin Vertical type : 57.00 x 28.60 x 10.20
Horizontal type : 51.85 x 26.50 x 8.70
44-pin Vertical type : 49.95 x 27.35 x 9.90
Horizontal type : 45.05 x 27.00 x 5.75

◆ Warranty

3 years

Appearance Features:






40-pin V-Type Front Side






40-pin V-Type Front Side

Industrial 40/44-pin micro IDE flash (MIF) disk supports operating temperature -40°C ~ 85°C

Part Number List:

Form-factor			40-pin micro IDE flash disk	
Grade			Operating temperature supports -40°C ~ 85°C	
Product picture	Cap.	Mode	PIO-4 mode	UDMA-4 mode
40-pin Vertical type 	16 MB	Vertical	WMIF016S-EISI-40VOP	WMIF016S-EISI-40VOU
		Right	WMIF016S-EISI-40HRP	WMIF016S-EISI-40HRU
		Left	WMIF016S-EISI-40HLP	WMIF016S-EISI-40HLU
	32 MB	Vertical	WMIF032S-EISI-40VOP	WMIF032S-EISI-40VOU
		Right	WMIF032S-EISI-40HRP	WMIF032S-EISI-40HRU
		Left	WMIF032S-EISI-40HLP	WMIF032S-EISI-40HLU
	64 MB	Vertical	WMIF064S-EISI-40VOP	WMIF064S-EISI-40VOU
		Right	WMIF064S-EISI-40HRP	WMIF064S-EISI-40HRU
		Left	WMIF064S-EISI-40HLP	WMIF064S-EISI-40HLU
40-pin Horizontal-right type 	128 MB	Vertical	WMIF128S-EISI-40VOP	WMIF128S-EISI-40VOU
		Right	WMIF128S-EISI-40HRP	WMIF128S-EISI-40HRU
		Left	WMIF128S-EISI-40HLP	WMIF128S-EISI-40HLU
	256 MB	Vertical	WMIF256S-EISI-40VOP	WMIF256S-EISI-40VOU
		Right	WMIF256S-EISI-40HRP	WMIF256S-EISI-40HRU
		Left	WMIF256S-EISI-40HLP	WMIF256S-EISI-40HLU
	512 MB	Vertical	WMIF512S-EISI-40VOP	WMIF512S-EISI-40VOU
		Right	WMIF512S-EISI-40HRP	WMIF512S-EISI-40HRU
		Left	WMIF512S-EISI-40HLP	WMIF512S-EISI-40HLU
40-pin Horizontal-left type 	1 GB	Vertical	WMIF01GS-EISI-40VOP	WMIF01GS-EISI-40VOU
		Right	WMIF01GS-EISI-40HRP	WMIF01GS-EISI-40HRU
		Left	WMIF01GS-EISI-40HLP	WMIF01GS-EISI-40HLU
	2 GB	Vertical	WMIF02GS-EISI-40VOP	WMIF02GS-EISI-40VOU
		Right	WMIF02GS-EISI-40HRP	WMIF02GS-EISI-40HRU
		Left	WMIF02GS-EISI-40HLP	WMIF02GS-EISI-40HLU
	4 GB	Vertical	WMIF04GS-EISI-40VOP	WMIF04GS-EISI-40VOU
		Right	WMIF04GS-EISI-40HRP	WMIF04GS-EISI-40HRU
		Left	WMIF04GS-EISI-40HLP	WMIF04GS-EISI-40HLU
8 GB	Vertical	WMIF08GS-EISI-40VOP	WMIF08GS-EISI-40VOU	
	Right	WMIF08GS-EISI-40HRP	WMIF08GS-EISI-40HRU	
	Left	WMIF08GS-EISI-40HLP	WMIF08GS-EISI-40HLU	



Form-factor		44-pin microIDE flash disk		
Grade		Operating temperature supports -40°C ~ 85°C		
Product picture	Cap.	Mode	PIO-4 mode	UDMA-4 mode
44-pin Vertical type 	16 MB	Vertical	WMIF016S-EISI-44VOP	WMIF016S-EISI-44VOU
		Right	WMIF016S-EISI-44HRP	WMIF016S-EISI-44HRU
		Left	WMIF016S-EISI-44HLP	WMIF016S-EISI-44HLU
	32 MB	Vertical	WMIF032S-EISI-44VOP	WMIF032S-EISI-44VOU
		Right	WMIF032S-EISI-44HRP	WMIF032S-EISI-44HRU
		Left	WMIF032S-EISI-44HLP	WMIF032S-EISI-44HLU
	64 MB	Vertical	WMIF064S-EISI-44VOP	WMIF064S-EISI-44VOU
		Right	WMIF064S-EISI-44HRP	WMIF064S-EISI-44HRU
		Left	WMIF064S-EISI-44HLP	WMIF064S-EISI-44HLU
128 MB	Vertical	WMIF128S-EISI-44VOP	WMIF128S-EISI-44VOU	
	Right	WMIF128S-EISI-44HRP	WMIF128S-EISI-44HRU	
	Left	WMIF128S-EISI-44HLP	WMIF128S-EISI-44HLU	
256 MB	Vertical	WMIF256S-EISI-44VOP	WMIF256S-EISI-44VOU	
	Right	WMIF256S-EISI-44HRP	WMIF256S-EISI-44HRU	
	Left	WMIF256S-EISI-44HLP	WMIF256S-EISI-44HLU	
512 MB	Vertical	WMIF512S-EISI-44VOP	WMIF512S-EISI-44VOU	
	Right	WMIF512S-EISI-44HRP	WMIF512S-EISI-44HRU	
	Left	WMIF512S-EISI-44HLP	WMIF512S-EISI-44HLU	
1 GB	Vertical	WMIF101GS-EISI-44VOP	WMIF101GS-EISI-44VOU	
	Right	WMIF101GS-EISI-44HRP	WMIF101GS-EISI-44HRU	
	Left	WMIF101GS-EISI-44HLP	WMIF101GS-EISI-44HLU	
2 GB	Vertical	WMIF02GS-EISI-44VOP	WMIF02GS-EISI-44VOU	
	Right	WMIF02GS-EISI-44HRP	WMIF02GS-EISI-44HRU	
	Left	WMIF02GS-EISI-44HLP	WMIF02GS-EISI-44HLU	
4 GB	Vertical	WMIF04GS-EISI-44VOP	WMIF04GS-EISI-44VOU	
	Right	WMIF04GS-EISI-44HRP	WMIF04GS-EISI-44HRU	
	Left	WMIF04GS-EISI-44HLP	WMIF04GS-EISI-44HLU	
8 GB	Vertical	WMIF08GS-EISI-44VOP	WMIF08GS-EISI-44VOU	
	Right	WMIF08GS-EISI-44HRP	WMIF08GS-EISI-44HRU	
	Left	WMIF08GS-EISI-44HLP	WMIF08GS-EISI-44HLU	
44-pin Horizontal-right type 	16 MB	Vertical	WMIF016S-EISI-44VOP	WMIF016S-EISI-44VOU
		Right	WMIF016S-EISI-44HRP	WMIF016S-EISI-44HRU
		Left	WMIF016S-EISI-44HLP	WMIF016S-EISI-44HLU
	32 MB	Vertical	WMIF032S-EISI-44VOP	WMIF032S-EISI-44VOU
		Right	WMIF032S-EISI-44HRP	WMIF032S-EISI-44HRU
		Left	WMIF032S-EISI-44HLP	WMIF032S-EISI-44HLU
	64 MB	Vertical	WMIF064S-EISI-44VOP	WMIF064S-EISI-44VOU
		Right	WMIF064S-EISI-44HRP	WMIF064S-EISI-44HRU
		Left	WMIF064S-EISI-44HLP	WMIF064S-EISI-44HLU
128 MB	Vertical	WMIF128S-EISI-44VOP	WMIF128S-EISI-44VOU	
	Right	WMIF128S-EISI-44HRP	WMIF128S-EISI-44HRU	
	Left	WMIF128S-EISI-44HLP	WMIF128S-EISI-44HLU	
256 MB	Vertical	WMIF256S-EISI-44VOP	WMIF256S-EISI-44VOU	
	Right	WMIF256S-EISI-44HRP	WMIF256S-EISI-44HRU	
	Left	WMIF256S-EISI-44HLP	WMIF256S-EISI-44HLU	
512 MB	Vertical	WMIF512S-EISI-44VOP	WMIF512S-EISI-44VOU	
	Right	WMIF512S-EISI-44HRP	WMIF512S-EISI-44HRU	
	Left	WMIF512S-EISI-44HLP	WMIF512S-EISI-44HLU	
1 GB	Vertical	WMIF101GS-EISI-44VOP	WMIF101GS-EISI-44VOU	
	Right	WMIF101GS-EISI-44HRP	WMIF101GS-EISI-44HRU	
	Left	WMIF101GS-EISI-44HLP	WMIF101GS-EISI-44HLU	
2 GB	Vertical	WMIF02GS-EISI-44VOP	WMIF02GS-EISI-44VOU	
	Right	WMIF02GS-EISI-44HRP	WMIF02GS-EISI-44HRU	
	Left	WMIF02GS-EISI-44HLP	WMIF02GS-EISI-44HLU	
4 GB	Vertical	WMIF04GS-EISI-44VOP	WMIF04GS-EISI-44VOU	
	Right	WMIF04GS-EISI-44HRP	WMIF04GS-EISI-44HRU	
	Left	WMIF04GS-EISI-44HLP	WMIF04GS-EISI-44HLU	
8 GB	Vertical	WMIF08GS-EISI-44VOP	WMIF08GS-EISI-44VOU	
	Right	WMIF08GS-EISI-44HRP	WMIF08GS-EISI-44HRU	
	Left	WMIF08GS-EISI-44HLP	WMIF08GS-EISI-44HLU	
44-pin Horizontal-left type 	16 MB	Vertical	WMIF016S-EISI-44VOP	WMIF016S-EISI-44VOU
		Right	WMIF016S-EISI-44HRP	WMIF016S-EISI-44HRU
		Left	WMIF016S-EISI-44HLP	WMIF016S-EISI-44HLU
	32 MB	Vertical	WMIF032S-EISI-44VOP	WMIF032S-EISI-44VOU
		Right	WMIF032S-EISI-44HRP	WMIF032S-EISI-44HRU
		Left	WMIF032S-EISI-44HLP	WMIF032S-EISI-44HLU
	64 MB	Vertical	WMIF064S-EISI-44VOP	WMIF064S-EISI-44VOU
		Right	WMIF064S-EISI-44HRP	WMIF064S-EISI-44HRU
		Left	WMIF064S-EISI-44HLP	WMIF064S-EISI-44HLU
128 MB	Vertical	WMIF128S-EISI-44VOP	WMIF128S-EISI-44VOU	
	Right	WMIF128S-EISI-44HRP	WMIF128S-EISI-44HRU	
	Left	WMIF128S-EISI-44HLP	WMIF128S-EISI-44HLU	
256 MB	Vertical	WMIF256S-EISI-44VOP	WMIF256S-EISI-44VOU	
	Right	WMIF256S-EISI-44HRP	WMIF256S-EISI-44HRU	
	Left	WMIF256S-EISI-44HLP	WMIF256S-EISI-44HLU	
512 MB	Vertical	WMIF512S-EISI-44VOP	WMIF512S-EISI-44VOU	
	Right	WMIF512S-EISI-44HRP	WMIF512S-EISI-44HRU	
	Left	WMIF512S-EISI-44HLP	WMIF512S-EISI-44HLU	
1 GB	Vertical	WMIF101GS-EISI-44VOP	WMIF101GS-EISI-44VOU	
	Right	WMIF101GS-EISI-44HRP	WMIF101GS-EISI-44HRU	
	Left	WMIF101GS-EISI-44HLP	WMIF101GS-EISI-44HLU	
2 GB	Vertical	WMIF02GS-EISI-44VOP	WMIF02GS-EISI-44VOU	
	Right	WMIF02GS-EISI-44HRP	WMIF02GS-EISI-44HRU	
	Left	WMIF02GS-EISI-44HLP	WMIF02GS-EISI-44HLU	
4 GB	Vertical	WMIF04GS-EISI-44VOP	WMIF04GS-EISI-44VOU	
	Right	WMIF04GS-EISI-44HRP	WMIF04GS-EISI-44HRU	
	Left	WMIF04GS-EISI-44HLP	WMIF04GS-EISI-44HLU	
8 GB	Vertical	WMIF08GS-EISI-44VOP	WMIF08GS-EISI-44VOU	
	Right	WMIF08GS-EISI-44HRP	WMIF08GS-EISI-44HRU	
	Left	WMIF08GS-EISI-44HLP	WMIF08GS-EISI-44HLU	

Technical Note: APRO's 40/44-pin MIF supports PIO-4 or UDMA-4 mode. If you want to order MIF in UDMA mode, you have to make sure that the IDE interface or CF socket to IDE interface are circuited with signal-DMARQ (DMA request) and signal DMACK (DMA acknowledge); otherwise, please order MIF in PIO mode to avoid from compatible issues.

Part Number Decoder

S	M	I	F	O	I	6	S	-	E	C	S	C	-	4	0	H	R	U
X	X	X	X	X	X	X	S		X	X	S	X		X	X	X	X	X
1	2	3	4	5	6	7	8		9	10	11	12		13	14	15	16	17

1 Temperature

S = Standard temperature (0 °C ~ 70 °C)

W = Wide temperature (-40 °C ~ 85 °C)

2 3 4 Product category

MIF = micro IDE flash disk

5 6 7 Disk capacity

016=16MB 032=32 MB 064=64 MB

128=128MB 256=256MB 512=512MB

01G=1GB 02G=2GB 04G=4GB

08G=8GB

8 The brand of Flash controller

S = Controller brand

9 Controller model

E = 3S8883

10 Controller grading

C = Commercial grade

I = Industrial grade

11 The brand of flash memory

S = Samsung SLC NAND flash

12 Flash memory IC grading

C = Commercial grade

I = Industrial grade

13 14 IDE connector type

40 = 40-pin IDE female connector

44 = 44-pin IDE female connector

15 Form factor

V = MIF vertical type

H = MIF IDE horizontal type

16 IDE connector orientation

0 = Vertical type MIF plug-in vertically

R = Horizontal MIF plug-in rightwards

L = Horizontal MIF plug-in leftwards

17 Data transfer mode

P = PIO mode

U = UDMA mode