SATADOM

Innodisk's Serial ATA Disk on Module (SATADOM) is the world's smallest form factor with exclusive Pin 7 VCC built-in, which simplifies motherboard design. Since it has no external cables, it is more robust and enhances the disk functions of various industrial and enterprise applications. Innodisk's SATDOM also supports the SATA II and SATA III interface with faster data transfer rates and is available in capacities ranging from 1GB up to 128GB.

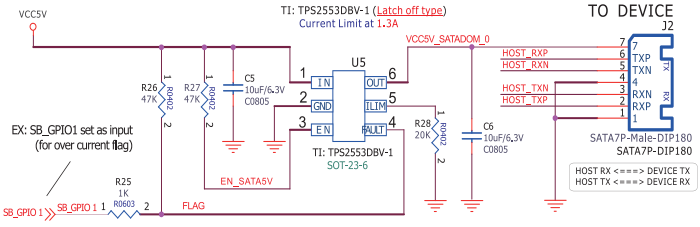
SATADOM advantage

- Smallest high speed SATA storage, supports low profile 1U Rack-mounted
- Up to 128GB, great for system storage
- Reliable industrial grade quality
- No moving parts for great vibration and shock resistance
- Custom Firmware service available
- Qualified by Intel, Supermicro...etc.
- Available in Standard & Industrial temperatures

Recommendation for Pin7 VCC

Innodisk suggests that customer who wants to obtain Pin7 VCC feature in their board MUST design their boards with a fuse circuit in order to prevent overcurrent issues. We recommend our reference circuit to protect the motherboard and device by using either a "POWER SWITCH" or "JUMPER + FUSE"

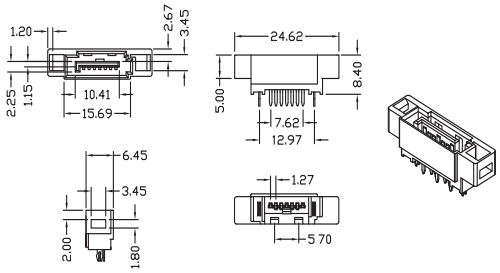
*Warning DO NOT directly lay out 5V VCC on the SATA socket.



Pin7 VCC MB Reference Circuit Design

iSOCKET

1. i-SOCKET can increase the available options for SATA devices because it is backward compatible with other SATA devices.
2. i-SOCKET can be applied in high vibration environments for extra security.



Model Name	SATADOM-MV 3SE-S	SATADOM-SV 3SE-V	SATADOM-SH 3SE-V	SATADOM-MV 3ME-S
Key Features	1.Mainstream SATA III industrial SATADOM 2. Vertical version.	1. Mainstream SATA III industrial SATADOM 2. Vertical version.	1. Mainstream SATA III industrial SATADOM 2. Horizontal version.	1. Mainstream SATA III industrial SATADOM 2. Vertical version.
Interface	**SATA III 6.0Gb/s**	**SATA III 6.0Gb/s**	**SATA III 6.0Gb/s**	**SATA III 6.0Gb/s**
Flash Type	SLC	SLC	SLC	MLC
Capacity	2GB~64GB	4GB~32GB	4GB~32GB	32GB~128GB
Max. Channels	4	2	2	4
Sequential R/W (MB/sec, max.)	TBD	200/TBD	200/TBD	470/100
Max. Power consumption	1W(5V x 200mA)	1W(5V x 200mA)	1W(5V x 200mA)	1W(5V x 200mA)
Thermal Sensor	Optional	Optional	Optional	Optional
H/W Write Protect	Y	N	N	Y
i-Socket	N	N	N	N
Pin 7 Power	Y	Y	Y	Y
ATA Security	Y	Y	Y	Y
S.M.A.R.T.	Y	Y	Y	Y
Dimension (WxLxH/mm)	25.3 x 41.5 x 6.8	20.9 x 39.5 x 7.9	8.2 x 30.4 x 12.3	25.3 x 41.5 x 6.8
Environment	Vibration: 20G@7~2000Hz Shock: 1500G@0.5ms Storage Temperature: -55°C ~ +95°C MTBF: >3 million hours			
Standard OP(0°C~+70°C)	DESMV-XXXD06AC***(F)	DESSV-XXXD07SC***(F)	DESSH-XXXD07SC***(F)	DESMV-XXXD06SC***(F)
Wide temp. OP (-40°C~+85°C)	DESMV-XXXD06AW***(F)	DESSV-XXXD07SW***(F)	DESSH-XXXD07SW***(F)	
Notes	xxx = density (02GB=02G, 04GB=04G, 08GB=08G, 16GB=16G, 32GB=32G, 64GB=64G) ***= flash configuration (internal control code), (F) = Pin 7 Power supported			


Model Name	SATADOM-MV 3ME-V	SATADOM-SV 3ME-V	SATADOM-SH 3ME-V	SATADOM-QV 2IE
Key Features	1. Mainstream SATA III industrial SATADOM 2. Vertical version.	1. Mainstream SATA III industrial SATADOM 2. Vertical version.	1. Mainstream SATA III industrial SATADOM 2. Horizontal version.	1. Cost-effetive indutrial flash 2. Low profile version
Interface	**SATA III 6.0Gb/s**	**SATA III 6.0Gb/s**	**SATA III 6.0Gb/s**	SATA II 3.0Gb/s
Flash Type	MLC	MLC	MLC	iSLC
Capacity	16GB~32GB	8GB~32GB	8GB~32GB	8GB~64GB
Max. Channels	2	1	1	4
Sequential R/W (MB/sec, max.)	200/25	100/15	100/15	130/120
Max. Power consumption	1W(5V x 200mA)	1W(5V x 200mA)	1W(5V x 200mA)	1W(5V x 200mA)
Thermal Sensor	Optional	Optional	Optional	Optional
H/W Write Protect	Y	N	N	Y
i-Socket	N	N	N	N
Pin 7 Power	Y	Y	Y	Y
ATA Security	Y	Y	Y	Y
S.M.A.R.T.	Y	Y	Y	Y
Dimension (WxLxH/mm)	25.3 x 41.5 x 6.8	20.9 x 39.5 x 7.9	8.2 x 30.4 x 12.3	25.3 x 39.5 x 6.8
Environment	Vibration: 20G@7~2000Hz	Shock: 1500G@0.5ms	Storage Temperature: -55°C ~ +95°C	MTBF: >3 million hours
Standard OP(0°C~+70°C)	DESMV-XXXD07SC***(F)	DESSV-XXXD07SC***(F)	DESSV-XXXD07SC***(F)	DHSMV-XXXJ301C***F
Wide temp. OP (-40°C~+85°C)				
Notes	xxx = density (02GB=02G, 04GB=04G, 08GB=08G, 16GB=16G, 32GB=32G, 64GB=64G) ***= flash configuration (internal control code), (F) = Pin 7 Power supported			


Model Name	SATADOM-QVL 2IE	SATADOM-QH 2IE	SATADOM D150QV	SATADOM D150QV-L
Key Features	1. Cost-effetive indutrial flash 2. Vertical version	1. Cost-effetive indutrial flash 2. Horizontal version	1. Vertical version 2. High speed & high capacity	1. High speed & high capacity 2. Low profile version
Interface	SATA II 3.0Gb/s	SATA II 3.0Gb/s	SATA II 3.0Gb/s	SATA II 3.0Gb/s
Flash Type	iSLC	iSLC	SLC	SLC
Capacity	8GB~64GB	8GB~64GB	2GB~64GB	2GB~64GB
Max. Channels	4	4	4	4
Sequential R/W (MB/sec, max.)	130/120	130/120	130/120	130/120
Max. Power consumption	1W(5V x 200mA)	1W(5V x 200mA)	1W(5V x 200mA)	1W(5V x 200mA)
Thermal Sensor	Optional	Optional	Optional	Optional
H/W Write Protect	Y	Y	Y	Y
i-Socket	N	N	Optional	N
Pin 7 Power	Y	Y	Y	Y
ATA Security	Y	Y	Y	Y
S.M.A.R.T.	Y	Y	Y	Y
Dimension (WxLxH/mm)	35.5 x 30 x 9.5	34.5 x 26x 9.8	25.3 x 39.5 x 6.8	35.5 x 30.0 x 9.5
Environment	Vibration: 20G@7~2000Hz	Shock: 1500G@0.5ms	Storage Temperature: -55°C ~ +95°C	MTBF: >3 million hours
Standard OP(0°C~+70°C)	DHSML-XXXJ301C***F	DHSMH-XXXJ301C***F	DESI(H)-XXXJ30AC***(F)	DESIL-XXXJ30AC***F
Wide temp. OP (-40°C~+85°C)			DESI(H)-XXXJ30AW***(F)	DESIL-XXXJ30AW***F
Notes	xxx = density (02GB=02G, 04GB=04G, 08GB=08G, 16GB=16G, 32GB=32G, 64GB=64G) ***= flash configuration (internal control code), (F) = Pin 7 Power supported			



Model Name	SATADOM D150QH	SATADOM D150SV	SATADOM D150SH	SATADOM D150SV-L
Key Features	1. High speed & high capacity 2. Horizontal version	1. Vertical version	1. Horizontal version	1. Low profile version
Interface	SATA II 3.0Gb/s	SATA II 3.0Gb/s	SATA II 3.0Gb/s	SATA II 3.0Gb/s
Flash Type	SLC	SLC	SLC	SLC
Capacity	2GB~64GB	1GB~16GB	1GB~16GB	1GB~16GB
Max. Channels	4	1	1	1
Sequential R/W (MB/sec, max.)	130/120	35/31	35/31	35/31
Max. Power consumption	1W(5V x 200mA)	1W(5V x 200mA)	1W(5V x 200mA)	1W(5V x 200mA)
Thermal Sensor	Optional	Optional	Optional	Optional
H/W Write Protect	Y	N	N	N
i-Socket	N	N	N	N
Pin 7 Power	Y	Y	Y	Y
ATA Security	Y	Y	Y	Y
S.M.A.R.T.	Y	Y	Y	Y
Dimension (WxLxH/mm)	40.0 x 30.0 x 12.3	20.9 x 39.5 x 7.9	8.2 x 30.4 x 12.3	32.9 x 29.5 x 8
Environment	Vibration: 20G@7~2000Hz	Shock: 1500G@0.5ms	Storage Temperature: -55°C ~ +95°C	MTBF: >3 million hours
Standard OP(0°C~+70°C)	DESIB-XXXJ30AC***F	DES9-XXXJ30AC***(F)	DES9B-XXXJ30AC***(F)	DES8-XXXJ30AC***(F)
Wide temp. OP (-40°C~+85°C)	DESIB-XXXJ30AW***F	DES9-XXXJ30AW***(F)	DES9B-XXXJ30AW***(F)	DES8-XXXJ30AW***(F)
Notes	xxx = density (02GB=02G, 04GB=04G, 08GB=08G, 16GB=16G, 32GB=32G, 64GB=64G) ***= flash configuration (internal control code), (F) = Pin 7 Power supported			


Model Name	SATADOM D150SH-L	InnoLite SATADOM D150QV	InnoLite SATADOM D150QV-L	InnoLite SATADOM D150QH
Key Features	1. Horizontal and low profile version.	1. Vertical version	1. Low profile version	1.Horizontal version
Interface	SATA II 3.0Gb/s	SATA II 3.0Gb/s	SATA II 3.0Gb/s	SATA II 3.0Gb/s
Flash Type	SLC	MLC	MLC	MLC
Capacity	1GB~16GB	8GB~128GB	8GB~128GB	8GB~128GB
Max. Channels	1	4	4	4
Sequential R/W (MB/sec, max.)	35/31	120/70	120/70	120/70
Max. Power consumption	1W(5V x 200mA)	1W(5V x 200mA)	1W(5V x 200mA)	1W(5V x 200mA)
Thermal Sensor	Optional	Optional	Optional	Optional
H/W Write Protect	N	Y	Y	Y
i-Socket	N	N	N	N
Pin 7 Power	Y	Y	Y	Y
ATA Security	Y	Y	Y	Y
S.M.A.R.T.	Y	Y	Y	Y
Dimension (WxLxH/mm)	30.3 x 20.4 x 10.2	25.3 x 39.5 x 6.8	35.5 x 30.0 x 9.5	40.0 x 30.0 x 12.3
Environment	Vibration: 20G@7~2000Hz	Shock: 1500G@0.5ms	Storage Temperature: -55°C ~ +95°C	MTBF: >3 million hours
Standard OP(0°C~+70°C)	DES8(B/D)-XXXJ30AC***(F)	DESI(H)-XXXJ30AC***(F)	DESIL-XXXJ30AC***F	DESIB-XXXJ30AC***F
Wide temp. OP (-40°C~+85°C)	DES8(B/D)-XXXJ30AW***(F)	DESI(H)-XXXJ30AW***(F)	DESIL-XXXJ30AW***F	DESIB-XXXJ30AW***F
Notes	xxx = density (02GB=02G, 04GB=04G, 08GB=08G, 16GB=16G, 32GB=32G, 64GB=64G) ***= flash configuration (internal control code), (F) = Pin 7 Power supported			

SATA Slim

The Innodisk SATA Slim is compliant with the JEDEC SFF-8156 standard form factor and ATA protocol. It does not require drivers, and can be configured as a boot device or a data storage device. It is also suitable for portable/hand-held devices, thin clients, and industrial applications that require the effective reduction of operation system boot time and power consumption. With a 7+15 pin SATA interface, the Innodisk SATA Slim supports most platforms with a standard SATA port.



Model Name	SATA Slim 2IE	SATA Slim 2SR	SATA Slim J200
Key Features	1. Cost effective industrial flash with iSLC	1. Compliant with MIL-STD-810-F/G 2. SW Data Security (QEraser/Destroy/ SEraser/Write Protect)	1. High performance
Interface	SATA II 3.0Gb/s	SATA II 3.0Gb/s	SATA II 3.0Gb/s
Flash Type	iSLC	SLC	SLC
Capacity	8GB~64GB	8GB~ 128GB	8GB~128GB
Max. Channels	4	8	8
Sequential R/W (MB/sec, max.)	130/120	170/110	220/200
Max. Power consumption	1W (5V x 200mA)	1.85W (5V x 370mA)	1.75W (5V x 350mA)
Thermal Sensor	Y	Y	Y
External DRAM Buffer	N	Y	Y
H/W Write Protect	N	N	N
ATA Security	Y	Y	Y
S.M.A.R.T.	Y	Y	Y
Dimension (WxLxH/mm)	54.0x 39.8 x 4.0	54.0x 39.8 x 6.8	54.0 x 39.8 x 6.8
Environment	Vibration: 20G@7~2000Hz Shock: 1500G@0.5ms Storage Temperature: -55°C ~ +95°C MTBF: >3 million hours		
Standard OP(0°C~+70°C)	DHSLM-XXXJ301C***	DRSLM-XXXJ21AC*** DRSLM-XXXJ21AK***	D1SS-XXXJ20AC***
Wide temp. OP (-40°C~+85°C)		DRSLM-XXXJ21AW*** DRSLM-XXXJ21AT***	D1SS-XXXJ20AW***
Notes		K/T: with coating	
Notes	xxx = density (02GB=02G, 04GB=04G, 08GB=08G, 16GB=16G, 32GB=32G, 64GB=64G, 128GB=A28, 256GB=B56, 512GB=C12) ***= flash configuration (internal control code)		




Model Name	SATA Slim D150Q	SATA Slim 2MR	EverGreen SATA Slim	InnoLite SATA Slim D150Q
Key Features	1. Mainstream SLC Half Slim	1. Compliant with MIL-STD-810-F/G 2. SW Data Security (QEraser/ Destroy/SEraser/Write Protect)	1. L² Architecture, 10 times longer lifespan	1. Mainstream MLC Half Slim
Interface	SATA II 3.0Gb/s	SATA II 3.0Gb/s	SATA II 3.0Gb/s	SATA II 3.0Gb/s
Flash Type	SLC	MLC	MLC	MLC
Capacity	2GB~64GB	32GB~ 128GB	32GB~128GB	8GB~128GB
Max. Channels	4	8	8	4
Sequential R/W (MB/sec, max.)	130/120	190/120	220/150	120/70
Max. Power consumption	1W(5V x 200mA)	2.6W (5V x 520mA)	2.5W (5V x 500mA)	1.15W (5V x 230mA)
Thermal Sensor	Y	Y	N	Y
External DRAM Buffer	N	Y	Y	N
H/W Write Protect	N	N	N	N
ATA Security	Y	Y	Y	Y
S.M.A.R.T.	Y	Y	Y	Y
Dimension (WxLxH/mm)	54.0 x 39.8 x 4.0	54 .0x 39.8 x 6.8	54.0 x 39.8 x 6.8	54.0x 39.8 x 4.0
Environment	Vibration: 20G@7~2000Hz Shock: 1500G@0.5ms Storage Temperature: -55°C ~ +95°C MTBF: >3 million hours			
Standard OP(0°C~+70°C)	D1SS-XXXJ30AC***	DRSLM-XXXJ21AC*** DRSLM-XXXJ21AK***	D1SS-XXXJ20AC***	D1SS-XXXJ30AC***
Wide temp. OP (-40°C~+85°C)	D1SS-XXXJ30AW***	DRSLM-XXXJ21AW*** DRSLM-XXXJ21AT***	D1SS-XXXJ20AW***	D1SS-XXXJ30AW***
Notes		K/T: with coating		
Notes	xxx = density (02GB=02G, 04GB=04G, 08GB=08G, 16GB=16G, 32GB=32G, 64GB=64G, 128GB=A28, 256GB=B56, 512GB=C12) ***= flash configuration (internal control code)			

mSATA

mSATA, which is distinct from the micro connector, was announced by the Serial ATA International Organization on September 21, 2009. Applications include netbooks, portable devices and other devices that require a smaller solid-state drive. The connector is similar in appearance to a PCI Express Mini Card interface and is electrically compatible; however, the data signals need connection to the SATA host controller instead of the PCI-express host controller. Innodisk's mSATA supports high-performance data transfer rates of 1.5 Gb/s, 3.0 Gb/s and 6.0 Gb/s.




Model Name	mSATA 3IG-P	mSATA 3IE-S	mSATA 3IE-V	mSATA 3SE-S
Key Features	1. Mainstream SATA III industrial SSD 2. Cost-effetive indutrial flash with iSLC 3. Build-in Dram buffer	1. Mainstream SATA III industrial SSD 2. Cost-effetive indutrial flash with iSLC	1. Mainstream SATA III industrial SSD 2. Cost-effetive indutrial flash with iSLC	1.Mainstream SATA III industrial SSD
Interface	**SATA III 6.0 Gb/s**	**SATA III 6.0 Gb/s**	**SATA III 6.0 Gb/s**	**SATA III 6.0 Gb/s**
Pin Definition	mSATA	mSATA	mSATA	mSATA
Flash Type	iSLC	iSLC	iSLC	SLC
Capacity	8GB~64GB	8GB~64GB	8GB~64GB	4GB~64GB
Max. Channels	4	4	2	4
Sequential R/W (MB/sec, max.)	470/ TBD	470/ TBD	200/ 60	TBD
Max. Power consumption	TBD	TBD	TBD	TBD
Thermal Sensor	Y	Y	Y	Y
External DRAM Buffer	Y	N	N	N
H/W Write Protect	N	N	Optional	N
ATA Security	Y	Y	Y	Y
S.M.A.R.T.	Y	Y	Y	Y
Dimension (WxLxH/mm)	29.8 x 50.8 x 3.5 mm	29.8 x 50.8 x 3.5	29.8 x 50.8 x 3.5	29.8 x 50.8 x 3.5
Environment	Vibration: 20G@7~2000Hz Shock: 1500G@0.5ms Storage Temperature: -55°C ~ +95°C MTBF: >3 million hours			
Standard OP(0°C~+70°C)	DHMSR-XXXD672C***	DHMSR-XXXD062C***	DHMSR-XXXD072C***	DEMSR-XXXD06SC***
Wide temp. OP (-40°C~+85°C)				DEMSR-XXXD06SC***
Notes	xxx = density (02GB=02G, 04GB=04G, 08GB=08G, 16GB=16G, 32GB=32G, 64GB=64G, 128GB=A28) ***= flash configuration (internal control code)			




Model Name	mSATA 3SE-V	mSATA 3ME-P	mSATA 3ME-S	mSATA 3ME-V
Key Features	1. Mainstream SATA III industrial SSD	1. Mainstream SATA III industrial SSD 2. Build-in Dram buffer	1. Mainstream SATA III industrial SSD 2. High performance	1. Mainstream SATA III industrial SSD 2. Value edition
Interface	**SATA III 6.0 Gb/s**	**SATA III 6.0 Gb/s**	**SATA III 6.0 Gb/s**	**SATA III 6.0 Gb/s**
Pin Definition	mSATA	mSATA	mSATA	mSATA
Flash Type	SLC	MLC	MLC	MLC
Capacity	2GB~64GB	8GB~128GB	8GB~128GB	8GB~128GB
Max. Channels	2	2	4	2
Sequential R/W (MB/sec, max.)	130/120	470/ 100	470/100	200/ 25
Max. Power consumption	TBD	TBD	TBD	TBD
Thermal Sensor	Y	Y	Y	Y
External DRAM Buffer	N	Y	N	N
H/W Write Protect	Optional	N	N	Optional
ATA Security	Y	Y	Y	Y
S.M.A.R.T.	Y	Y	Y	Y
Dimension (WxLxH/mm)	29.8 x 50.8 x 3.5	29.8 x 50.8 x 3.5	29.8 x 50.8 x 3.5	29.8 x 50.8 x 3.5
Environment	Vibration: 20G@7~2000Hz Shock: 1500G@0.5ms Storage Temperature: -55°C ~ +95°C MTBF: >3 million hours			
Standard OP(0°C~+70°C)	DEMSR-XXXD07AC***	DEMSR-XXXD67SC***	DEMSR-XXXD06SC***	DEMSR-XXXD07SC***
Wide temp. OP (-40°C~+85°C)	DEMSR-XXXD07AW***			
Notes				
Notes	xxx = density (02GB=02G, 04GB=04G, 08GB=08G, 16GB=16G, 32GB=32G, 64GB=64G, 128GB=A28) ***= flash configuration (internal control code)			




Model Name	mSATA mini 3ME-V	mSATA 2IE	mSATA 2SR	mSATA D150Q
Key Features	1. Mainstream SATA III industrial SSD 2. mini size	1. Cost-effetive indutrial mSATA	1. Compliant with MIL-STD-810-F/G 2. SW Data Security (QEraser/ Destroy/SEraser/Write Protect)	1. Mainstream SLC mSATA
Interface	**SATA III 6.0 Gb/s**	SATA II 3.0Gb/s	SATA II 3.0Gb/s	SATA II 3.0Gb/s
Pin Definition	mSATA	mSATA	mSATA	mSATA
Flash Type	MLC	iSLC	SLC	SLC
Capacity	8GB~64GB	8GB~64GB	4GB~ 64GB	2GB~64GB
Max. Channels	2	4	4	4
Sequential R/W (MB/sec, max.)	200/ 25	130/120	110/90	130/120
Max. Power consumption	TBD	1.25W (3.3V x 380mA)	1.72W (3.3V x 520mA)	1.25W (3.3V x 380mA)
Thermal Sensor	Y	Y	Y	Y
External DRAM Buffer	N	N	Y	N
H/W Write Protect	N	Y	N	Y
ATA Security	Y	Y	Y	Y
S.M.A.R.T.	Y	Y	Y	Y
Dimension (WxLxH/mm)	29.8 x26.8 x 3.5 mm	29.8 x 50.8 x 3.5 mm	29.8 x 50.8 x 3.5 mm	29.8 x 50.8 x 3.5 mm
Environment	Vibration: 20G@7~2000Hz Shock: 1500G@0.5ms Storage Temperature: -55°C ~ +95°C MTBF: >3 million hours			
Standard OP(0°C~+70°C)	DEMSM-XXXD07SC***	DHMSR-XXXJ301C***	DRMSR-XXXJ21AC*** DRMSR-XXXJ21AK***	DRPS-XXXJ30AC***
Wide temp. OP (-40°C~+85°C)			DRMSR-XXXJ21AW*** DRMSR-XXXJ21AT***	DRPS-XXXJ30AW***
Notes			K/T: with coating	
Notes	xxx = density (02GB=02G, 04GB=04G, 08GB=08G, 16GB=16G, 32GB=32G, 64GB=64G, 128GB=A28) ***= flash configuration (internal control code)			




Model Name	mSATA 2MR	EverGreen mSATA	InnoLite mSATA D150Q	InnoLite mSATA mini D150
Key Features	1. Compliant with MIL-STD-810-F/G 2. SW Data Security (QEraser/ Destroy/SEraser/Write Protect)	1. L² Architecture, 20 times longer lifespan	1. Mainstream MLC mSATA	1. Mainstream MLC mSATA mini
Interface	SATA II 3.0Gb/s	SATA II 3.0Gb/s	SATA II 3.0Gb/s	SATA II 3.0Gb/s
Pin Definition	mSATA	mSATA	mSATA	mSATA
Flash Type	MLC	MLC	MLC	MLC
Capacity	16GB~ 128GB	8GB~128GB	8GB~128GB	4GB~64GB
Max. Channels	4	8	4	2
Sequential R/W (MB/sec, max.)	130/65	140/70	120/70	65/21
Max. Power consumption	1.82W (3.3V x 550mA)	1.82W (3.3V x 550mA)	1.25W (3.3V x 380mA)	0.8W (3.3V x 240mA)
Thermal Sensor	Y	N	Y	N
External DRAM Buffer	Y	Y	N	N
H/W Write Protect	N	N	Y	N
ATA Security	Y	Y	Y	Y
S.M.A.R.T.	Y	Y	Y	Y
Dimension (WxLxH/mm)	29.8 x 50.8 x 3.5 mm	29.8 x 50.8 x 3.5	29.8 x 50.8 x 3.5	29.8 x 26.8 x 3.5
Environment	Vibration: 20G@7~2000Hz Shock: 1500G@0.5ms Storage Temperature: -55°C ~ +95°C MTBF: >3 million hours			
Standard OP(0°C~+70°C)	DRMSR-XXXJ21AC*** DRMSR-XXXJ21AK***	DRPS-XXXJ20BC***	DRPS-XXXJ30AC***	DHPS-XXXJ30AC***
Wide temp. OP (-40°C~+85°C)	DRMSR-XXXJ21AW*** DRMSR-XXXJ21AT***	DRPS-XXXJ20BC***	DRPS-XXXJ30AW***	DHPS-XXXJ30AW***
Notes	K/T: with coating			
Notes	xxx = density (02GB=02G, 04GB=04G, 08GB=08G, 16GB=16G, 32GB=32G, 64GB=64G, 128GB=A28) ***= flash configuration (internal control code)			