



# Zeus/MACH Solid State Drive Decoder

**(Z##/M##) (I) (I) (IR) FF - ### (C) (T) (M) - XXX**

**Product Family**

Z## = Zeus (## = No. of Channels)  
M## = MACH (## = No. of Channels)

**IOPS**

I = IOPS SSD  
Blank = Standard

**Interface**

Z = SAS (Serial Attached SCSI)  
S = SATA (Serial ATA)  
A = ATA (Parallel ATA)  
F = FC (Fibre Channel)

**Interface Revision**

A = 1.0Gb  
B = 1.5Gb  
C = 2.0Gb  
D = 3.0Gb  
E = 4.0Gb

**Form Factor**

1 = 1.8-Inch (5.0mm Z-Height)  
1A = 1.8-Inch (6.0mm Z-Height)  
2 = 2.5-Inch (9.5mm Z-Height)  
2A = 2.5-Inch (14.0mm Z-Height)  
2B = 2.5-Inch (15.0mm Z-Height)  
2C = 2.5-Inch (17.5mm Z-Height)  
3 = 3.5-Inch (9.5mm Z-Height)  
3A = 3.5-Inch (15.0mm Z-Height)  
3B = 3.5-Inch (20mm Z-Height)

**Customer Specific**  
(Internal Use Only)

**Flash Type**

M = MLC NAND  
Blank = SLC NAND

**Temperature**

C = Commercial (0°C to +70°C)  
I = Industrial (-40°C to +85°C)

**Compliance**

U = RoHS Compliant  
G = Halogen Free

**Capacity (GB)**

4 to 512

**Examples:**

Example	Family	IOPS	Interface	Interface Revision	Form Factor	-	Capacity	Pb-free	Temp	-	Customer Specific
M8ISB2-64UC-XXX	MACH8	I	SATA	B (1.5Gb)	2.5	-	64GB	U	Commercial	-	XXX
M8SB2-32UI-XXX	MACH8	Standard	SATA	B (1.5Gb)	2.5	-	32GB	U	Industrial	-	XXX
M8AA1-16UC-XXX	MACH8	Standard	PATA	A (1Gb)	1.8	-	16GB	U	Commercial	-	XXX
Z16IFC3B-146UC-XXX	Zeus	I	FC	C (2.0Gb)	3.5	-	146GB	U	Commercial	-	XXX

**Customer Specific Options (XXX)**

Where XXX = Any number of customer specific options.

Option	Description	Notes
C	Conformal Coating	Optional