

Part Number Decoders

May 23, 2018

DRAM Family


INSIGNIS TECHNOLOGY PART NUMBER DECODER											INSIGNIS TECHNOLOGY CORPORATION					
Description	Code	Field Def.	Pos.	1 1 1								Position	Field Definition	Code	Description	
				1	2	3	4	5	6	7	8					9
INSIGNIS TECHNOLOGY, INC.	N	Sup. Name	1										11,12	Option	ET	Extended Test Coverage
														Website	AT	Automotive Temp
DRAM	D	Family	2											Option 4	IT	Industrial Temp
LPDRAM	L															
SDR	S	Function	3										9, 10	Speed & Latency	16	PC166
DDR	D														20	PC200
DDR2	B													Website	25	PC250
DDR3	T													Option 3	2A	DDR400
DDR3L	L														25	DDR500
DDR4	Q														4D	800-5-5-5
															5E	1066-6-6-6
16Mb	9	Density	4												8K	1600-11-11-11
64Mb	6														9M	1866-13-13-13
128Mb	7															
256Mb	3												7, 8	Package	T4	50I TSOPII
512Mb	5													Website	T5	54I TSOPII
1Gb	1													Option 2	T6	66I TSOPII
2Gb	2														T9	86I TSOPII
4Gb	4														BA	54b BGA (8x8x1.2)
8Gb	8														BE	90b BGA (8x13x1.2)
															FB	60b FBGA (8x10x1.2)
x4	4	IO Width	5												FC	84b FBGA (8x12.5x1.2)
x8	8	Website													FD	60b FBGA (8x13x1.2)
x16	6	Option 1													FE	90b FBGA (8x13x1.2)
x32	3														FG	96b FBGA (9x13x1.2)
															FH	78b FBGA (8x10.5x1.0)
	P	Die Rev.	6												FJ	96b FBGA (8x13x1.0)
															FK	90b FBGA (8x13x1.0)
															FL	134b FBGA (10x11.5x1.0)

updated 11/30/2107



INSIGNIS
TECHNOLOGY CORPORATION

SSD Product Family

INSIGNIS TECHNOLOGY PART NUMBER DECODER												
												
<div style="text-align: center;"> 1 1 1 </div>												
<div style="text-align: center;"> 1 2 3 4 5 6 7 8 9 0 - 1 2 </div>												
Description	Code	Field Def.	Pos.	N	S							
										Position	Field Definition	
											Code	Detail Description
INSIGNIS TECHNOLOGY, INC.	N	Sup. Name	1							11,12	Option	ET Extended Test Coverage
											IT	Industrial Temp (-40C to 85C)
Solid State Drive	S	Family	2								AT	Automotive Temp (-40C to 105C)
											EP	ET with Power Loss Protection
2.5" SSD 7mm thick	S7	Form Factor	3, 4								IP	IT with Power Loss Protection
2.5" SSD 9.5mm thick	S9										AP	AT with Power Loss Protection
1.8" - half/thin MO-297	S2											
M.2 SATA	M2									8, 9, 10	Capacity	04 4GB
M.2 NVMe	N2										Website	08 8GB
mSATA - MO-300	MS										Option 2	016 16GB
eMMC	EC											032 32GB
												064 64GB
M.2-2230	30	Form Factor	5, 6									096 96GB
M.2-2242	42	Website										128 128GB
M.2-2260	60	Option 1										256 256GB
M.2-2280	80											512 512GB
M.2-22110	11											1T0 1TB
MO-300	51											2T0 2TB
MO-297	39									7	NAND Technology	K MLC
eMMC 153b BGA	53										Website	J pSLC
eMMC 100b BGA	00										Option 3	U MLC
70mm x 100 mm	00											T 3D TLC SATA
54mm x 78 mm	78											N 3D TLC NVMe/PCI

effective date: 20180525



DRAM Module Family

To learn more about our module offerings, contact us at info@insignis-tech.com.

