

DDR4 S1 Series Specification Sheet

General Description

Part Number	Density	Dram Organization	Speed	# of ranks
HKED4042BBA1D0ZA1	4GB	512Mbx16	2666	1
HKED4082CBA1D0ZA1	8GB	1GBx16	2666	1
HKED4162DAB1D0ZA1	16GB	2GBx8	2666	2

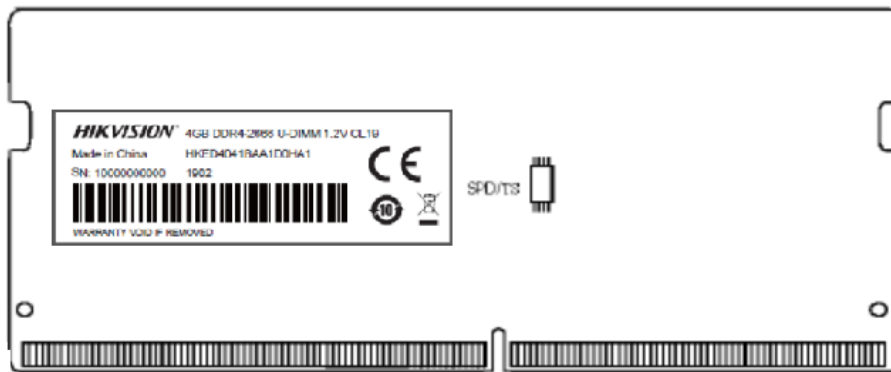
Product Specification:

PC4-21300 2666MHz

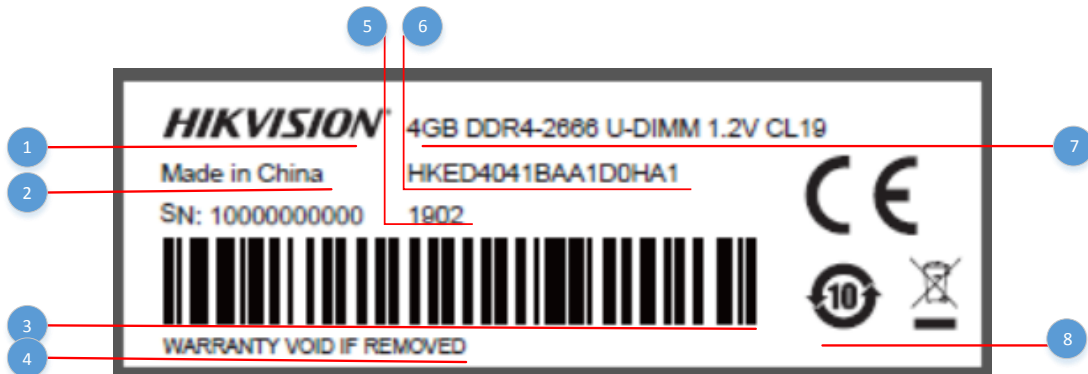
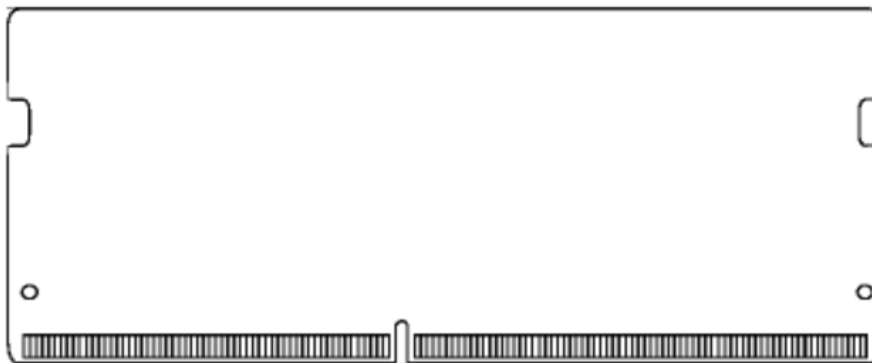
- CL=19-19-19-43
- 260pin, small outline dual in-line memory module (So-DIMM)
- 8 Layers Ultra Low Noises Shielded PCB
- VDD=1.2V +/- 0.06V
- Storage Temperature Range: -55°C to +99°C(TSTG)
- Operating Temperature Range: 0°C to 95°C(TOPER)
- Lead-free (RoHS compliant)

Label Information :

FRONT



BACK



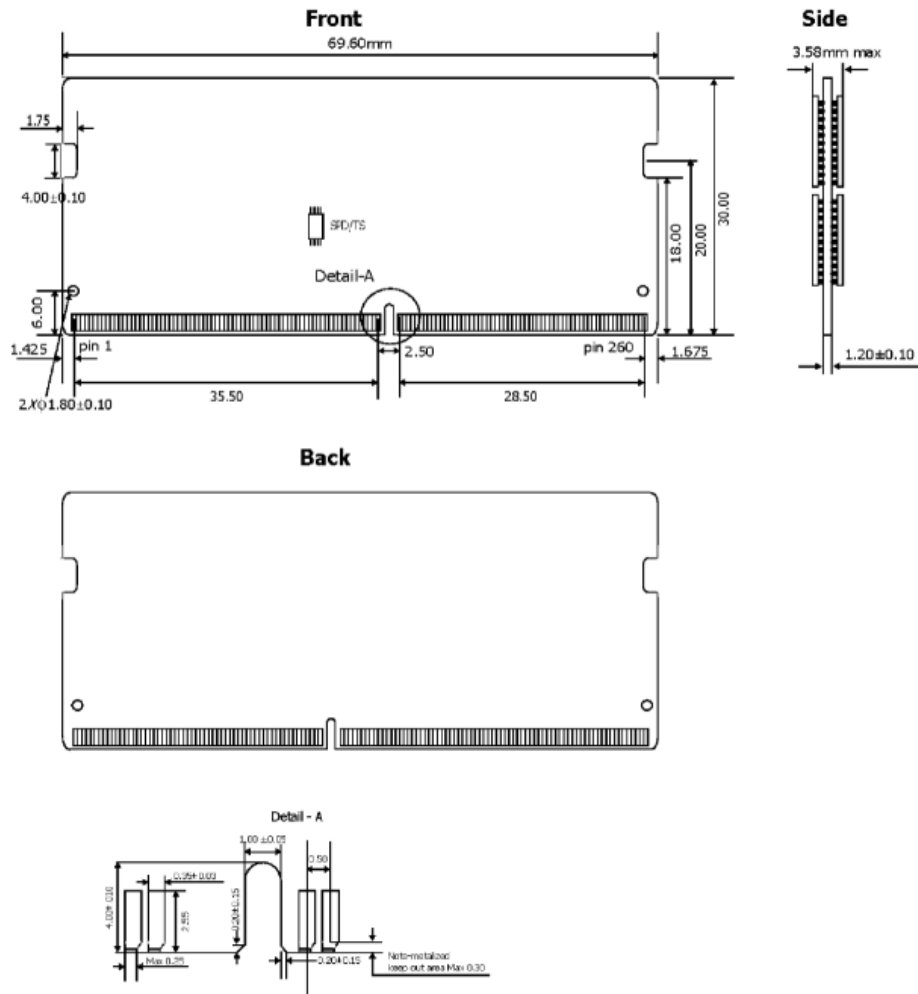
序号	Definition	Description
1	LOGO	HIKVISION
2	产地	Made in China or Taiwan
3	S/N	Serial Number
4	Warranty	WARRANTY VOID IF REMOVED
5	生产日期	YYWW
6	P/N	Part Number
7	Module SPEC	Capacity,Speed,CAS latency,VDD
8	认证	CE,WEEE,REACH,RoHS

Pin Configurations

Pin	Pin name	Pin	Pin name	Pin	Pin name	Pin	Pin name
1	VSS	74	DQS3_c	147	VDD	220	DM6_n/DBI6_n
2	VSS	75	DM3_n7 DBI3_n	148	VDD	221	DQS6_t
3	DQ5	76	DQS3_t	149	CS0_n	222	VSS
4	DQ4	77	VSS	150	BA0	223	VSS
5	VSS	78	VSS	151	A14/WE_n	224	DQ54
6	VSS	79	DQ30	152	16/RAS_n	225	DQ55
7	DQ1	80	DQ31	153	VDD	226	VSS
8	DQ0	81	VSS	154	VDD	227	VSS
9	VSS	82	VSS	155	ODT0	228	DQ50
10	VSS	83	DQ26	156	A15/CAS_n	229	DQ51
11	DQS0_c	84	DQ27	157	CS1_n1	230	VSS
12	DM0_n7n DBI0_n	85	VSS	158	A13	231	VSS
13	DQS0_t	86	VSS	159	VDD	232	DQ60
14	VSS	87	CB5,NC	160	VDD	233	DQ61
15	VSS	88	CB4,NC	161	ODT1	234	VSS
16	DQ6	89	VSS	162	C0,CS2_n,NC	235	VSS
17	DQ7	90	VSS	163	VDD	236	DQ57
18	VSS	91	CB1,NC	164	VREFCA	237	DQ56
19	VSS	92	CB0,NC	165	C1,CS3_n,NC	238	VSS
20	DQ2	93	DQS1_t	166	SA2	239	VSS
21	DQ3	94	VSS	167	VSS	240	DQS7_c
22	VSS	95	DQS8_c	168	VSS	241	DM7_n/DBI7_n
23	VSS	96	DBI8_n	169	DQ37	242	DQS7_t
24	DQ12	97	DQS8_t	170	DQ36	243	VSS
25	DQ12	98	VSS	171	VSS	244	VSS
26	VSS	99	VSS	172	VSS	245	DQ62
27	VSS	100	CB6,NC	173	DQ33	246	DQ63
28	DQ8	101	CB2,NC	174	DQ32	247	VSS
29	DQ9	102	VSS	175	VSS	248	VSS
30	VSS	103	VSS	176	VSS	249	DQ58
31	VSS	104	CB7,NC	177	DQS4_c	250	DQ59
32	DQS1_c	105	CB3,NC	178	DM4_n/DBI4_n	251	VSS
33	DM1_n, DBI1_n	106	VSS	179	DQS4_t	252	VSS
34	DQS1_t	107	VSS	180	VSS	253	SCL
35	VSS	108	RESET_n	181	VSS	254	SDA
36	VSS	109	CKE0	182	DQ39	255	VDDSPD

37	DQ15	110	CKE1	183	DQ38	256	SA0
38	DQ14	111	VDD	184	VSS	257	VPP
39	VSS	112	VDD	185	VSS	258	Vtt
40	VSS	113	BG1	186	DQ35	259	VPP
41	DQ10	114	ACT_n	187	DQ34	260	SA1
42	DQ11	115	BG0	188	VSS		
43	VSS	116	ALERT_n	189	VSS		
44	VSS	117	VDD	190	DQ45		
45	DQ21	118	VDD	191	DQ44		
46	DQ20	119	A12	192	VSS		
47	VSS	120	A11	193	VSS		
48	VSS	121	A9	194	DQ41		
49	DQ17	122	A7	195	DQ40		
50	DQ16	123	VDD	196	VSS		
51	VSS	124	VDD	197	VSS		
52	VSS	125	A8	198	DQS5_c		
53	DQS2_c	126	A5	199	DM5_n/DBI5_n		
54	DM2_n7, DBI2_n	127	A6	200	DQS5_t		
55	DQS2_t	128	A4	201	VSS		
56	VSS	129	VDD	202	VSS		
57	VSS	130	VDD	203	DQ46		
58	DQ22	131	A3	204	DQ47		
59	DQ23	132	A2	205	VSS		
60	VSS	133	A1	206	VSS		
61	VSS	134	EVENT_n	207	DQ42		
62	DQ18	135	VDD	208	DQ43		
63	DQ19	136	VDD	209	VSS		
64	VSS	137	CK0_t	210	VSS		
65	VSS	138	CK1_t	211	DQ52		
66	DQ28	139	CK0_c	212	DQ53		
67	DQ29	140	CK1_c	213	VSS		
68	VSS	141	VDD	214	VSS		
69	VSS	142	VDD	215	DQ49		
70	DQ24	143	Parity	216	DQ48		
71	DQ25	144	A0	217	VSS		
72	VSS	145	BA1	218	VSS		
73	VSS	146	A10/AP	219	DQS6_c		

Module Dimensions:



Note:

1. ±0.13 tolerance on all dimensions unless otherwise stated.

Units: millimeters

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