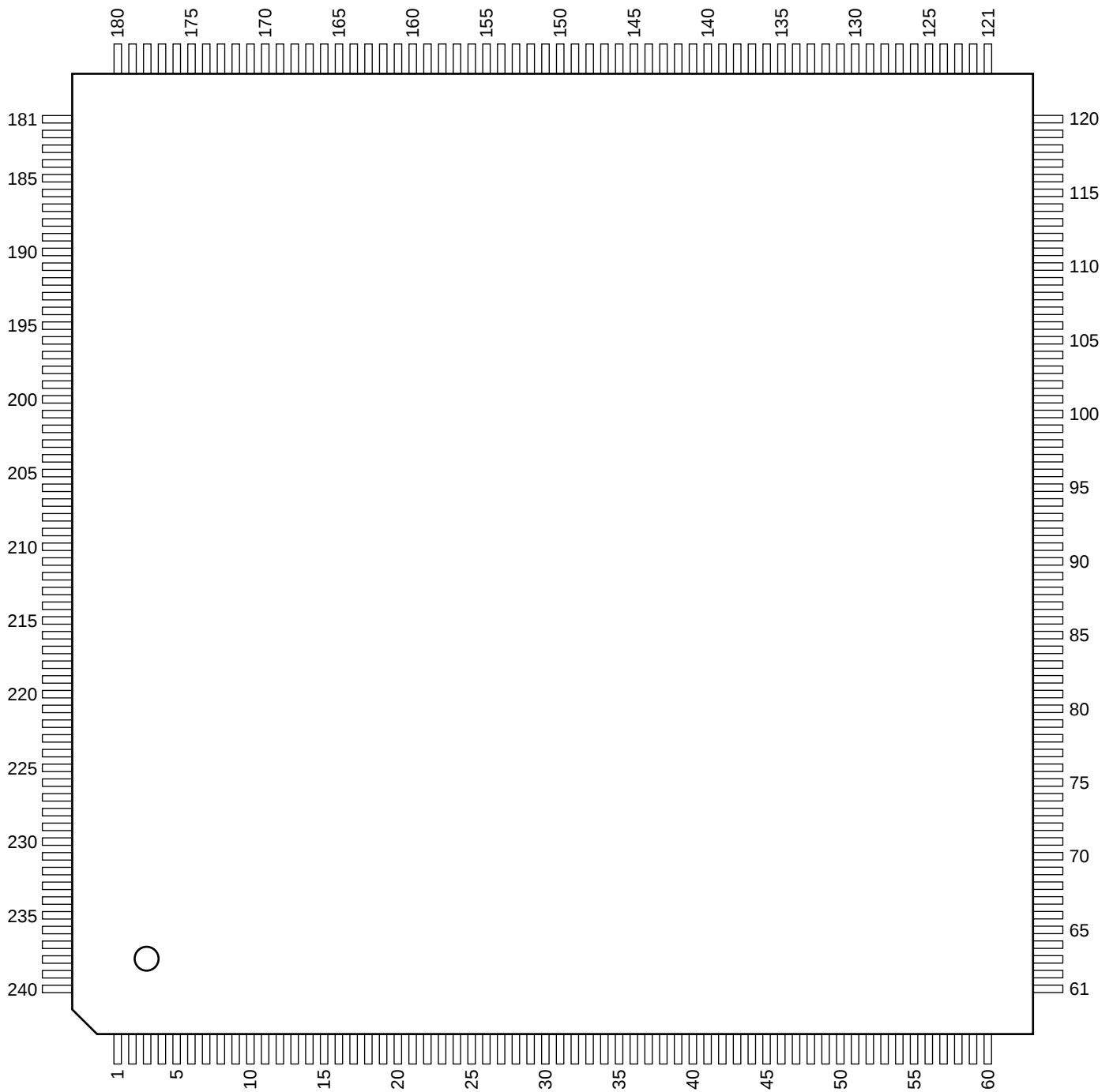


S-DRAM CONTROL, HDD-DMA, INDI BUS I/F

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	GND	61	—	VCC	121	—	GND	181	—	VCC
2	—	GND	62	I	SFTLTT	122	—	GND	182	I/O	SMDATA3
3	I	SCK	63	I	STRKT	123	O	L DMDQM	183	I/O	SMDATA13
4	I	AMC	64	O	SFLTE	124	O	L PMWE	184	I/O	SMDATA2
5	I	SMC	65	I	SIENPA	125	—	GND	185	I/O	SMDATA14
6	I	L 525MODE/SIN	66	I	SIOEC	126	I/O	PMDATA8	186	I/O	SMDATA1
7	O	AADD1/SOT	67	I	SIENPV	127	I/O	PMDATA7	187	I/O	SMDATA15
8	O	AADD0	68	I/O	SIDATA15	128	I/O	PMDATA9	188	I/O	SMDATA0
9	O	AADD2	69	I/O	SIDATA14	129	I/O	PMDATA6	189	I	FRREF
10	O	L CS0	70	I/O	SIDATA13	130	I/O	PMDATA10	190	O	LINK IOEC
11	O	L CS1	71	I/O	SIDATA12	131	—	GND	191	I	PTRCK
12	I	TDI	72	I/O	SIDATA11	132	—	VCC	192	I	PFLT
13	O	TDO	73	—	GND	133	I/O	PMDATA5	193	I	PTRKT
14	I	TCK	74	—	VCC	134	I/O	PMDATA11	194	O	PIENPA
15	I	TMS	75	I/O	SIDATA10	135	I/O	PMDATA4	195	O	SAV IOEC
16	I	L TRST	76	I/O	SIDATA9	136	I/O	PMDATA12	196	O	PIENPV
17	I	BUNRI	77	I/O	SIDATA8	137	I/O	PMDATA3	197	I/O	PIDATA15
18	I	TEST	78	I/O	SIDATA7	138	I/O	PMDATA13	198	I/O	PIDATA14
19	I	NTEST1	79	I/O	SIDATA6	139	—	GND	199	I/O	PIDATA13
20	—	GND	80	—	GND	140	—	VCC	200	—	GND
21	—	VCC	81	—	VCC	141	I/O	PMDATA2	201	—	VCC
22	I	NTEST2	82	I/O	SIDATA5	142	I/O	PMDATA14	202	I/O	PIDATA12
23	I	L SYSRST	83	I/O	SIDATA4	143	I/O	PMDATA1	203	I/O	PIDATA11
24	I	L CIARST	84	I/O	SIDATA3	144	I/O	PMDATA15	204	I/O	PIDATA10
25	I	H BACKUP	85	I/O	SIDATA2	145	I/O	PMDATA0	205	I/O	PIDATA9
26	I/O	CDATA15	86	I/O	SIDATA1	146	—	GND	206	I/O	PIDATA8
27	I/O	CDATA14	87	I/O	SIDATA0	147	O	DMCLK	207	I/O	PIDATA7
28	I/O	CDATA13	88	—	GND	148	O	L SMCS1	208	I/O	PIDATA6
29	I/O	CDATA12	89	I	BK CLK	149	O	L SMCS0	209	I/O	PIDATA5
30	I/O	CDATA11	90	O	L PMCS7	150	O	SMADD4	210	—	GND
31	I/O	CDATA10	91	O	L PMCS6	151	O	SMADD3	211	I/O	PIDATA4
32	I/O	CDATA9	92	O	L PMCS5	152	O	SMADD5	212	I/O	PIDATA3
33	I/O	CDATA8	93	O	L PMCS4	153	O	SMADD2	213	I/O	PIDATA2
34	I/O	CDATA7	94	O	L PMCS3	154	O	SMADD6	214	I/O	PIDATA1
35	I/O	CDATA6	95	O	L PMCS2	155	O	SMADD1	215	I/O	PIDATA0
36	I/O	CDATA5	96	O	L PMCS1	156	O	SMADD7	216	I/O	ADATA15
37	I/O	CDATA4	97	O	L PMCS0	157	O	SMADD0	217	I/O	ADATA14
38	I/O	CDATA3	98	O	PMADD4	158	O	SMADD8	218	I/O	ADATA13
39	I/O	CDATA2	99	O	PMADD3	159	O	SMADD10	219	I/O	ADATA12
40	—	VCC	100	—	VCC	160	—	VCC	220	—	VCC
41	—	GND	101	—	GND	161	—	GND	221	—	GND
42	I/O	CDATA1	102	O	PMADD5	162	O	SMADD9	222	I/O	ADATA11
43	I/O	CDATA0	103	O	PMADD2	163	O	SMADD12	223	I/O	ADATA10
44	I	CPUCLK	104	O	PMADD6	164	O	SMADD11	224	I/O	ADATA9
45	I	L CWR	105	O	PMADD1	165	O	SMADD13	225	I/O	ADATA8
46	I	L CRD	106	O	PMADD7	166	O	L SMRAS	226	I/O	ADATA7
47	I	L CCS1	107	—	GND	167	O	L SMCAS	227	I/O	ADATA6
48	I	L CCS0	108	O	PMADD0	168	O	L SMWE	228	I/O	ADATA5
49	I	CADD3	109	O	PMADD8	169	—	GND	229	I/O	ADATA4
50	I	CADD2	110	O	PMADD10	170	I/O	SMDATA8	230	I/O	ADATA3
51	I	CADD1	111	O	PMADD9	171	I/O	SMDATA7	231	I/O	ADATA2
52	I	CADD0	112	—	GND	172	I/O	SMDATA9	232	I/O	ADATA1
53	I	L CPUDMA	113	—	VCC	173	I/O	SMDATA6	233	I/O	ADATA0
54	I	CDMACK	114	O	PMADD12	174	I/O	SMDATA10	234	O	L HDDWR
55	O	L CDMARQ	115	O	PMADD11	175	I/O	SMDATA5	235	O	L HDDRD
56	I	TESTMODE	116	O	PMADD13	176	I/O	SMDATA11	236	I	DMARQ
57	O	L SINDIOE	117	O	L PMRAS	177	I/O	SMDATA4	237	O	L DIOW
58	I	STRCK	118	O	L DMCKE	178	I/O	SMDATA12	238	O	L DIOR
59	—	GND	119	O	L PMCAS	179	—	GND	239	O	L DMACK
60	—	GND	120	—	VCC	180	—	GND	240	—	VCC