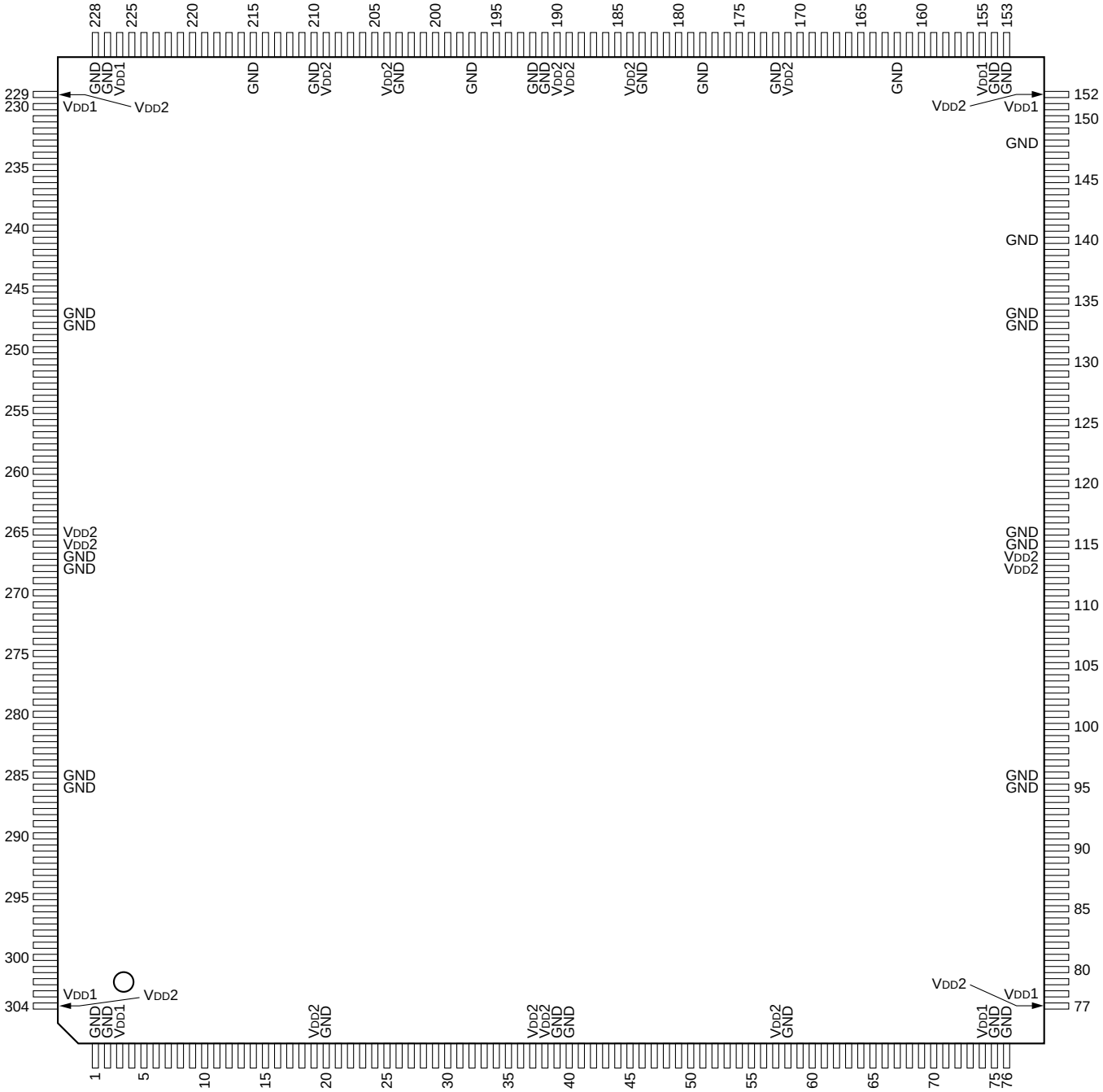
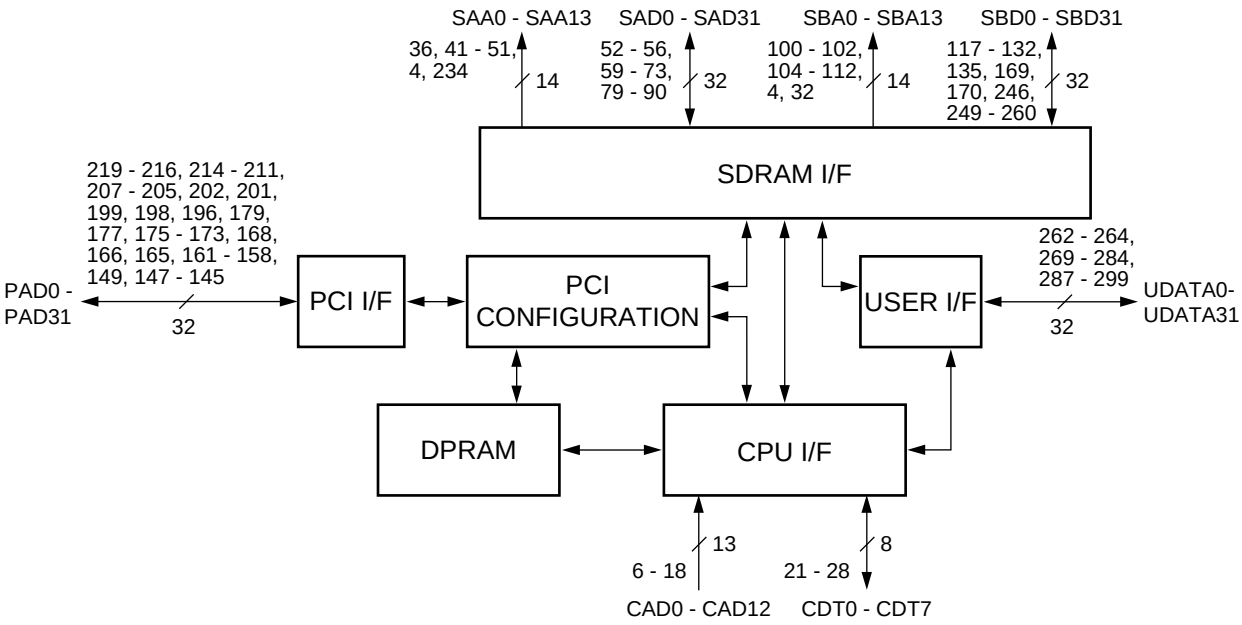
C-MOS PCI INTERFACE

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	GND	39	—	GND	77	—	$V_{DD}2$	115	—	GND	153	—	GND	191	—	GND	229	—	$V_{DD}2$	267	—	GND
2	—	GND	40	—	GND	78	—	$V_{DD}1$	116	—	GND	154	—	GND	192	—	GND	230	—	$V_{DD}1$	268	—	GND
3	—	$V_{DD}1$	41	O	SAA1/FAA1	79	I/O	SAD20	117	I/O	SBD0	155	—	$V_{DD}1$	193	I/O	PSERR	231	O	SBWE	269	I/O	UDATA3/FDATA3
4	O	SBA12/FAWR	42	O	SAA2/FAA2	80	I/O	SAD21	118	I/O	SBD1	156	O	SBCKE	194	I/O	PPAR	232	O	SBDQM	270	I/O	UDATA4/FDATA4
5	O	SAA12/FARD	43	O	SAA3/FAA3	81	I/O	SAD22	119	I/O	SBD2	157	O	SBCS	195	I/O	PCBE1	233	O	UDIR/FSWR/TO1	271	I/O	UDATA5/FDATA5
6	I	CAD0	44	O	SAA4/FAA4	82	I/O	SAD23	120	I/O	SBD3	158	I/O	PAD27	196	I/O	PAD15	234	I/O	SAA13/TESTIN	272	I/O	UDATA6/FDATA6
7	I	CAD1	45	O	SAA5/FAA5	83	I/O	SAD24	121	I/O	SBD4	159	I/O	PAD26	197	—	GND	235	I	PREQ3	273	I/O	UDATA7/FDATA7
8	I	CAD2	46	O	SAA6/FAA6	84	I/O	SAD25	122	I/O	SBD5	160	I/O	PAD25	198	I/O	PAD14	236	O	PGNT3	274	I/O	UDATA8/FDATA8
9	I	CAD3	47	O	SAA7/FAA7	85	I/O	SAD26	123	I/O	SBD6	161	I/O	PAD24	199	I/O	PAD13	237	I	PREQ4	275	I/O	UDATA9/FDATA9
10	I	CAD4	48	O	SAA8/FAA8	86	I/O	SAD27	124	I/O	SBD7	162	—	GND	200	O	SBCAS	238	O	PGNT4	276	I/O	UDATA10/FDATA10
11	I	CAD5	49	O	SAA9/FAA9	87	I/O	SAD28	125	I/O	SBD8	163	I/O	PCBE3	201	I/O	PAD12	239	I	PREQ5	277	I/O	UDATA11/FDATA11
12	I	CAD6	50	O	SAA10/FAA10	88	I/O	SAD29	126	I/O	SBD9	164	I	PIDSEL	202	I/O	PAD11	240	O	PGNT5	278	I/O	UDATA12/FDATA12
13	I	CAD7	51	O	SAA11/FAA11	89	I/O	SAD30	127	I/O	SBD10	165	I/O	PAD23	203	—	GND	241	I	PREQ6	279	I/O	UDATA13/FDATA13
14	I	CAD8	52	I/O	SAD0	90	I/O	SAD31	128	I/O	SBD11	166	I/O	PAD22	204	—	$V_{DD}2$	242	O	PGNT6	280	I/O	UDATA14/FDATA14
15	I	CAD9	53	I/O	SAD1	91	O	SACS	129	I/O	SBD12	167	I	TEST	205	I/O	PAD10	243	I	PREQ7	281	I/O	UDATA15/FDATA15
16	I	CAD10	54	I/O	SAD2	92	O	SARAS	130	I/O	SBD13	168	I/O	PAD21	206	I/O	PAD9	244	I	TEB	282	I/O	UDATA16/FDATA16
17	I	CAD11	55	I/O	SAD3	93	O	SACAS	131	I/O	SBD14	169	I/O	SBD17	207	I/O	PAD8	245	O	PGNT7	283	I/O	UDATA17/FDATA17
18	I	CAD12	56	I/O	SAD4	94	O	SAWE	132	I/O	SBD15	170	I/O	SBD18	208	I/O	PCBE0	246	I/O	SBD19	284	I/O	UDATA18/FDATA18
19	—	$V_{DD}2$	57	—	$V_{DD}2$	95	—	GND	133	—	GND	171	—	$V_{DD}2$	209	—	$V_{DD}2$	247	—	GND	285	—	GND
20	—	GND	58	—	GND	96	—	GND	134	—	GND	172	—	GND	210	—	GND	248	—	GND	286	—	GND
21	I/O	CDT0	59	I/O	SAD5	97	O	SCLK	135	I/O	SBD16	173	I/O	PAD20	211	I/O	PAD7	249	I/O	SBD20	287	I/O	UDATA19/FDATA19
22	I/O	CDT1	60	I/O	SAD6	98	O	SACKE	136	I/O	PINTD	174	I/O	PAD19	212	I/O	PAD6	250	I/O	SBD21	288	I/O	UDATA20/FDATA20
23	I/O	CDT2	61	I/O	SAD7	99	O	SADQM	137	I/O	PINTC	175	I/O	PAD18	213	I/O	PAD5	251	I/O	SBD22	289	I/O	UDATA21/FDATA21
24	I/O	CDT3	62	I/O	SAD8	100	O	SBA0/FAD12	138	I/O	PINTB	176	O	SBRAS	214	I/O	PAD4	252	I/O	SBD23	290	I/O	UDATA22/FDATA22
25	I/O	CDT4	63	I/O	SAD9	101	O	SBA1/FAD13	139	I/O	PINTA	177	I/O	PAD17	215	—	GND	253	I/O	SBD24	291	I/O	UDATA23/FDATA23
26	I/O	CDT5	64	I/O	SAD10	102	O	SBA2/FAD14	140	—	GND	178	—	GND	216	I/O	PAD3	254	I/O	SBD25	292	I/O	UDATA24/FDATA24
27	I/O	CDT6	65	I/O	SAD11	103	I	AMODE/TIN	141	I/O	PRST	179	I/O	PAD16	217	I/O	PAD2	255	I/O	SBD26	293	I/O	UDATA25/FDATA25
28	I/O	CDT7	66	I/O	SAD12	104	O	SBA3/FAD15	142	I	PGNT	180	I/O	PCBE2	218	I/O	PAD1	256	I/O	SBD27	294	I/O	UDATA26/FDATA26
29	I	CCS	67	I/O	SAD13	105	O	SBA4/FAD16	143	O	PREQ	181	I/O	PFRAME	219	I/O	PAD0	257	I/O	SBD28	295	I/O	UDATA27/FDATA27
30	I	CWR	68	I/O	SAD14	106	O	SBA5/FAD17	144	I	PCLK	182	I/O	PIRDY	220	I	PREQ0	258	I/O	SBD29	296	I/O	UDATA28/FDATA28
31	O	CWAIT	69	I/O	SAD15	107	O	SBA6/FAD18	145	I/O	PAD31	183	—	GND	221	O	PGNT0	259	I/O	SBD30	297	I/O	UDATA29/FDATA29
32	O	SBA13/TO2	70	I/O	SAD16	108	O	SBA7/FAD19	146	I/O	PAD30	184	—	$V_{DD}2$	222	I	PREQ1	260	I/O	SBD31	298	I/O	UDATA30/FDATA30
33	O	CINT SE/CRSTO/TO3	71	I/O	SAD17	109	O	SBA8/FAD20	147	I/O	PAD29	185	I/O	PTRDY	223	O	PGNT1	261	O	UDACK/FSRD	299	I/O	UDATA31/FDATA31
34	O	CINT OR/TO4	72	I/O	SAD18	110	O	SBA9/FAD21	148	—	GND	186	I/O	PDEVSEL	224	I	PREQ2	262	I/O	UDATA0/FDATA0	300	I	CRST
35	I	CRD	73	I/O	SAD19	111	O	SBA10/FAD22	149	I/O	PAD28	187	I/O	PSTOP	225	O	PGNT2	263	I/O	UDATA1/FDATA1	301	I	UDREQ
36	O	SAA0/FAA0	74	—	$V_{DD}1$	112	O	SBA11/FAD23	150	I	MMODE	188	I/O	PPERR	226	—	$V_{DD}1$	264	I/O	UDATA2/FDATA2	302	O	UCLK/FCLK
37	—	$V_{DD}2$	75	—	GND	113	—	$V_{DD}2$	151	—	$V_{DD}1$	189	—	$V_{DD}2$	227	—	GND	265	—	$V_{DD}2$	303	—	$V_{DD}1$
38	—	$V_{DD}2$	76	—	GND	114	—	$V_{DD}2$	152	—	$V_{DD}2$	190	—	$V_{DD}2$	228	—	GND	266	—	$V_{DD}2$	304	—	$V_{DD}2$


SAA0 - SAA13
36, 41 - 51,
4, 234
14
SAD0 - SAD31
52 - 56,
59 - 73,
79 - 90
32
SBA0 - SBA13
100 - 102,
104 - 112,
4, 32
14
SBD0 - SBD31
117 - 132,
135, 169,
170, 246,
249 - 260
32
SDRAM I/F
219 - 216, 214 - 211,
207 - 205, 202, 201,
199, 198, 196, 179,
177, 175 - 173, 168,
166, 165, 161 - 158,
149, 147 - 145
PAD0 -
PAD31
32
PCI I/F
PCI
CONFIGURATION
USER I/F
262 - 264,
269 - 284,
287 - 299
32
UDATA0-
UDATA31
DPRAM
CPU I/F
13
6 - 18
CAD0 - CAD12
8
21 - 28
CDT0 - CDT7