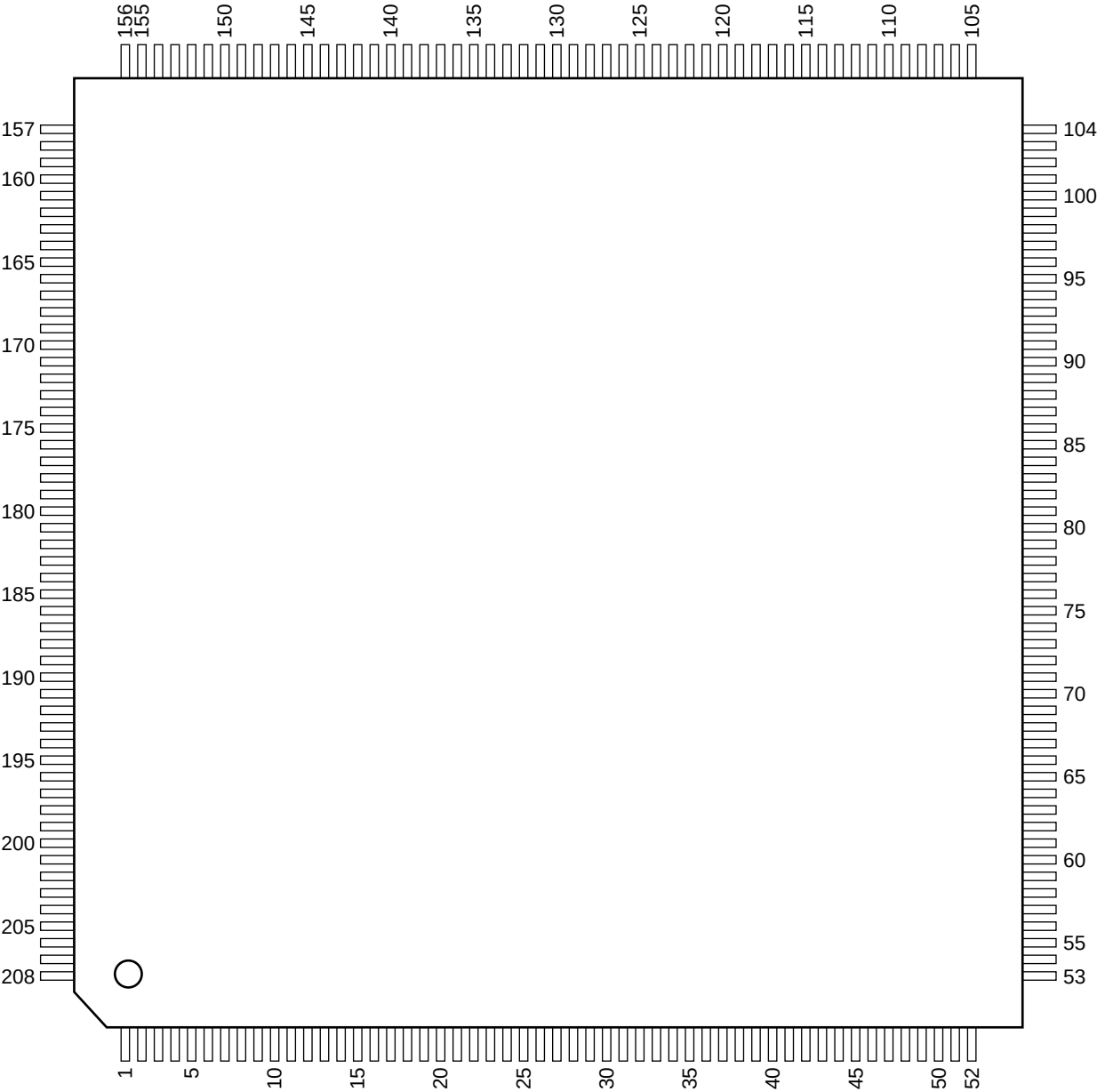


64-BIT RISC CPU

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	NC	53	—	NC	105	—	NC	157	—	NC
2	—	NC	54	—	NC	106	—	NC	158	—	NC
3	—	GND	55	I/O	SYSCMD2	107	—	NC	159	O	RCLOCK0
4	—	Vcc	56	I/O	SYSAD36	108	—	NC	160	O	RCLOCK1
5	I/O	SYSAD45	57	I/O	SYSAD4	109	—	Vcc	161	O	SYNCOUT
6	I/O	SYSAD13	58	I/O	SYSCMD1	110	—	GND	162	I/O	SYSAD30
7	O	FAULTB	59	—	GND	111	I/O	SYSAD21	163	—	Vcc
8	I/O	SYSAD44	60	—	Vcc	112	I/O	SYSAD53	164	—	GND
9	—	GND	61	I/O	SYSAD35	113	I	RDRDYB	165	I/O	SYSAD62
10	—	Vcc	62	I/O	SYSAD3	114	I	MODEIN	166	O	MASTEROUT
11	I/O	SYSAD12	63	I/O	SYSCMD0	115	I/O	SYSAD22	167	I/O	SYSAD31
12	I/O	SYSCMDP	64	I/O	SYSAD34	116	I/O	SYSAD54	168	I/O	SYSAD63
13	I/O	SYSAD43	65	—	GND	117	—	Vcc	169	—	Vcc
14	I/O	SYSAD11	66	—	Vcc	118	—	GND	170	—	GND
15	—	GND	67	—	NC	119	O	RELEASEB	171	I	VccOK
16	—	Vcc	68	—	NC	120	I/O	SYSAD23	172	I/O	SYSADC3
17	I/O	SYSCMD8	69	I/O	SYSAD2	121	I/O	SYSAD55	173	I/O	SYSADC7
18	I/O	SYSAD42	70	I	INTB5	122	I	NMIB	174	—	VCC
19	I/O	SYSAD10	71	I/O	SYSAD33	123	—	Vcc	175	—	GND
20	I/O	SYSCMD7	72	I/O	SYSAD1	124	—	GND	176	—	NC
21	—	GND	73	—	GND	125	I/O	SYSADC2	177	—	NC
22	—	Vcc	74	—	Vcc	126	I/O	SYSADC6	178	—	NC
23	I/O	SYSAD41	75	I	INTB4	127	—	Vcc	179	—	NC
24	I/O	SYSAD9	76	I/O	SYSAD32	128	I/O	SYSAD24	180	—	NC
25	I/O	SYSCMD6	77	I/O	SYSAD0	129	—	Vcc	181	—	PVcc
26	I/O	SYSAD40	78	I	INTB3	130	—	GND	182	—	PGND
27	—	NC	79	—	GND	131	I/O	SYSAD56	183	—	NC
28	—	NC	80	—	Vcc	132	—	NC	184	—	NC
29	—	GND	81	I	INTB2	133	I/O	SYSAD25	185	I	MASTERCLOCK
30	—	Vcc	82	I/O	SYSAD16	134	I/O	SYSAD57	186	—	Vcc
31	I/O	SYSAD8	83	I/O	SYSAD48	135	—	Vcc	187	—	GND
32	I/O	SYSCMD5	84	I	INTB1	136	—	GND	188	I	SYNCIN
33	I/O	SYSADC4	85	—	GND	137	O	IOOUT	189	—	Vcc
34	I/O	SYSADC0	86	—	Vcc	138	I/O	SYSAD26	190	—	GND
35	—	GND	87	I/O	SYSAD17	139	I/O	SYSAD58	191	I	JTCK
36	—	Vcc	88	I/O	SYSAD49	140	I	IOIN	192	I/O	SYSADC5
37	I/O	SYSCMD4	89	I	INTB0	141	—	Vcc	193	I/O	SYSADC1
38	I/O	SYSAD39	90	I/O	SYSAD18	142	—	GND	194	I	JTDI
39	I/O	SYSAD7	91	—	GND	143	I/O	SYSAD27	195	—	Vcc
40	I/O	SYSCMD3	92	—	Vcc	144	I/O	SYSAD59	196	—	GND
41	—	GND	93	I/O	SYSAD50	145	I	COLDRESETB	197	I/O	SYSAD47
42	—	Vcc	94	I	VALIDINB	146	I/O	SYSAD28	198	I/O	SYSAD15
43	I/O	SYSAD38	95	I/O	SYSAD19	147	—	Vcc	199	O	JTDO
44	I/O	SYSAD6	96	I/O	SYSAD51	148	—	GND	200	I/O	SYSAD46
45	O	MODECLOCK	97	—	GND	149	I/O	SYSAD60	201	—	Vcc
46	I	WRRDYB	98	—	Vcc	150	I	RESETB	202	—	GND
47	I/O	SYSAD37	99	O	VALIDOUTB	151	I/O	SYSAD29	203	I/O	SYSAD14
48	I/O	SYSAD5	100	I/O	SYSAD20	152	I/O	SYSAD61	204	I	JTMS
49	—	GND	101	I/O	SYSAD52	153	—	Vcc	205	O	TCLOCK1
50	—	Vcc	102	I	EXTRQSTB	154	—	GND	206	O	TCLOCK0
51	—	NC	103	—	NC	155	—	NC	207	—	NC
52	—	NC	104	—	NC	156	—	NC	208	—	NC

INPUTS

COLDRESETB	: COLD RESET
EXTRQSTB	: EXTERNAL REQUEST
INTB0 -INTB5	: INTERRUPT
IOIN	: (RESERVED)
JTCK	: JTAG CLOCK
JTDI	: JTAG DATA
JTMS	: JTAG COMMAND
MASTERCLOCK	: MASTER CLOCK
MODEIN	: BOOT MODE DATA
NMIB	: NON-MASKABLE INTRRUPT
RDRDYB	: READ/READY
RESETB	: RESET
SYNCIN	: SYNC CLOCK
VALIDINB	: VALID
VccOK	: Vcc IS OK
WRRDYB	: WRITE/READY

OUTPUTS

FAULTB	: FAULT
IOOUT	: (RESERVED)
JTDO	: JTAG DATA
MASTEROUT	: MASTER CLOCK
MODECLOCK	: BOOT MODE CLOCK
RCLOCK0, RCLOCK1	: RECEIVE CLOCK
RELEASEB	: INTERFASE RELEASE
SYNCOUT	: SYNC CLOCK
TCLOCK0, TCLOCK1	: TRANSMIT CLOCK
VALIDOUTB	: VALID

INPUTS/OUTPUTS

SYSAD0 - SYSAD63	: SYSTEM ADDRESS/DATA BUS
SYSADC0 - SYSADC7	: SYSTEM ADDRESS/DATA CHECK BUS
SYSCMD0 - SYSCMD8	: SYSTEM COMMAND/DATA IDENTIFIER BUS
SYSCMDP	: SYSTEM COMMAND/ DATA IDENTIFIER BUS PARITY

OTHER

NC	: NO CONNECTION
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