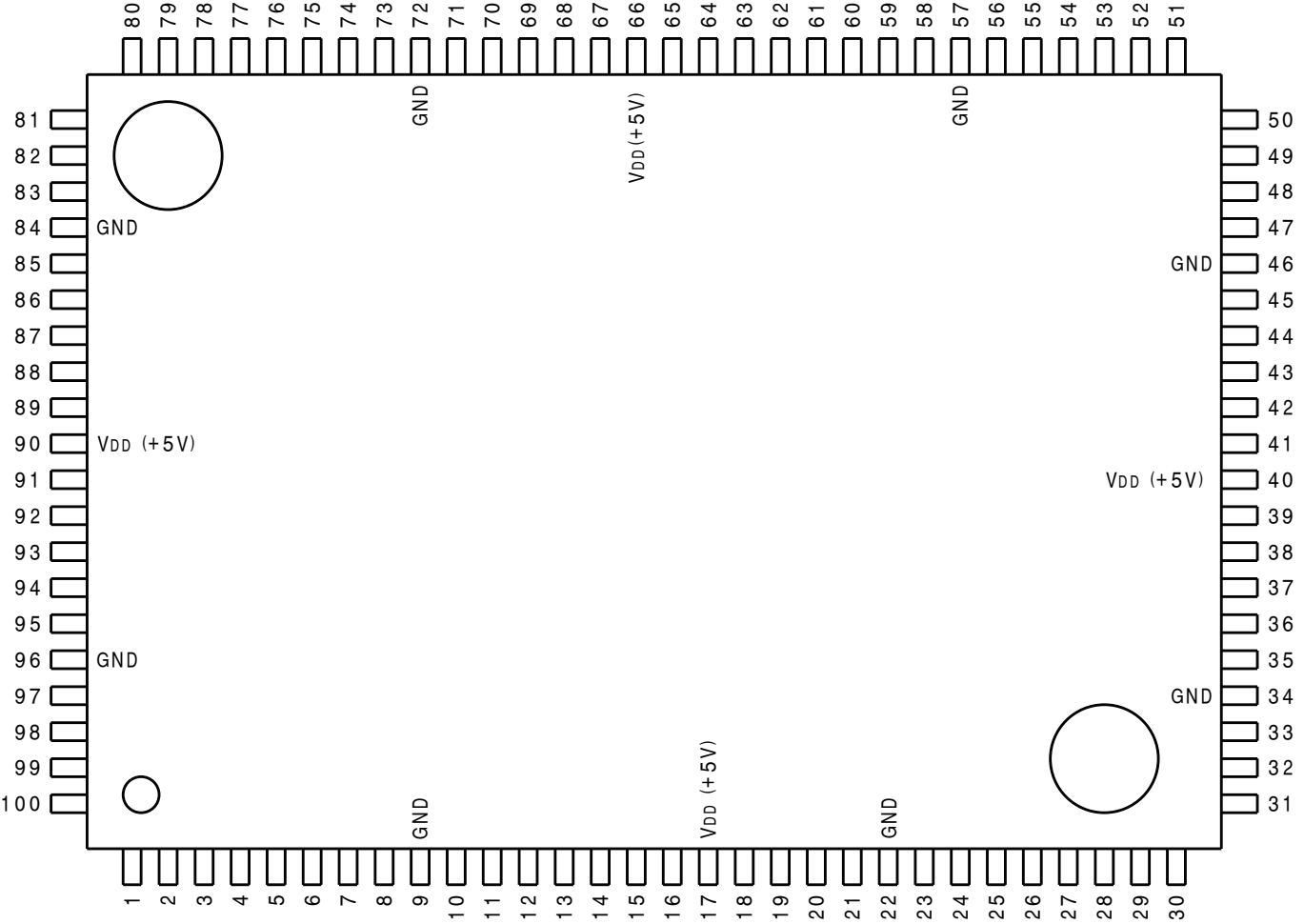

C-MOS FIELD-PROGRAMMABLE GATE ARRAY

-TOP VIEW-



(V_{DD} = +5V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I/O	I01	26	I/O	I022	51	I/O	I044	76	I/O	I063
2	I	DCLK/I02	27	I/O	I023	52	I/O	SDO/I045	77	I/O	I064
3	I/O	I03	28	I/O	I024	53	I/O	I046	78	I/O	I065
4	I/O	I04	29	I/O	I025	54	I/O	I047	79	I/O	SDI/I066
5	I/O	I05	30	I/O	I026	55	I/O	I048	80	I/O	I067
6	I/O	I06	31	I/O	I027	56	I/O	I049	81	I/O	I068
7	I/O	I07	32	I/O	I028	57	-	GND	82	I/O	I069
8	I/O	I08	33	I/O	I029	58	I/O	I050	83	I/O	I070
9	-	GND	34	-	GND	59	I/O	I051	84	-	GND
10	I/O	I09	35	I/O	I030	60	I/O	I052	85	I/O	I071
11	I/O	I010	36	I/O	I031	61	I/O	I053	86	I/O	I072
12	I/O	I011	37	I/O	I032	62	I/O	I054	87	I/O	PRA/I073
13	I/O	I012	38	I/O	I033	63	I/O	I055	88	I/O	I074
14	I/O	I013	39	I/O	I034	64	-	V _{KS}	89	I/O	CLKA/I075
15	I/O	I014	40	-	V _{DD}	65	-	V _{PP}	90	-	V _{DD}
16	-	V _{SV}	41	I/O	I035	66	-	V _{DD}	91	I/O	I076
17	-	V _{DD}	42	I/O	I036	67	-	V _{SV}	92	I/O	CLKB/I077
18	I/O	I015	43	I/O	I037	68	I/O	I056	93	I/O	I078
19	I/O	I016	44	I/O	I038	69	I/O	I057	94	I/O	PRB/I079
20	I/O	I017	45	I/O	I039	70	I/O	I058	95	I/O	I080
21	I/O	I018	46	-	GND	71	I/O	I059	96	-	GND
22	-	GND	47	I/O	I040	72	-	GND	97	I/O	I081
23	I/O	I019	48	I/O	I041	73	I/O	I060	98	I/O	I082
24	I/O	I020	49	I/O	I042	74	I/O	I061	99	I/O	I083
25	I/O	I021	50	I/O	I043	75	I/O	I062	100	I/O	I084

CLKA, CLKB ;CLOCK INPUTS
 DCLK ;DIAGNOSTIC CLOCK INPUT (MULTIFUNCTION PIN)
 I01-I084 ;STANDARD I/Os (I02, I045, I066, I073, I079;MULTIFUNCTION PINS)
 MODE ;MULTIFUNCTION PINS CONTROL INPUT
 PRA, PRB ;DIAGNOSTIC PROBE OUTPUTS (MULTIFUNCTION PINS)
 SDI ;SERIAL DATA INPUT FOR DIAGNOSTIC PROBE (MULTIFUNCTION PIN)
 SDO ;SERIAL DATA OUTPUT (MULTIFUNCTION PIN)

MULTIFUNCTION PINS CONTROL

MODE	MULTIFUNCTION PIN NO.				
	2	52	79	87	94
0	I02	I045	I066	I073	I079
1	DCLK	SDO	SDI	PRA	PRB

0;LOW LEVEL

1;HIGH LEVEL

V_{PP}, V_{SV} ;PROGRAMMING VOLTAGE INPUT.
 THESE PINS MUST BE CONNECTED TO V_{DD} LEVEL EXCEPT DURING PROGRAMMING.
 V_{KS} ;PROGRAMMING VOLTAGE INPUT.
 THIS PIN MUST BE CONNECTED TO GND LEVEL EXCEPT DURING PROGRAMMING.