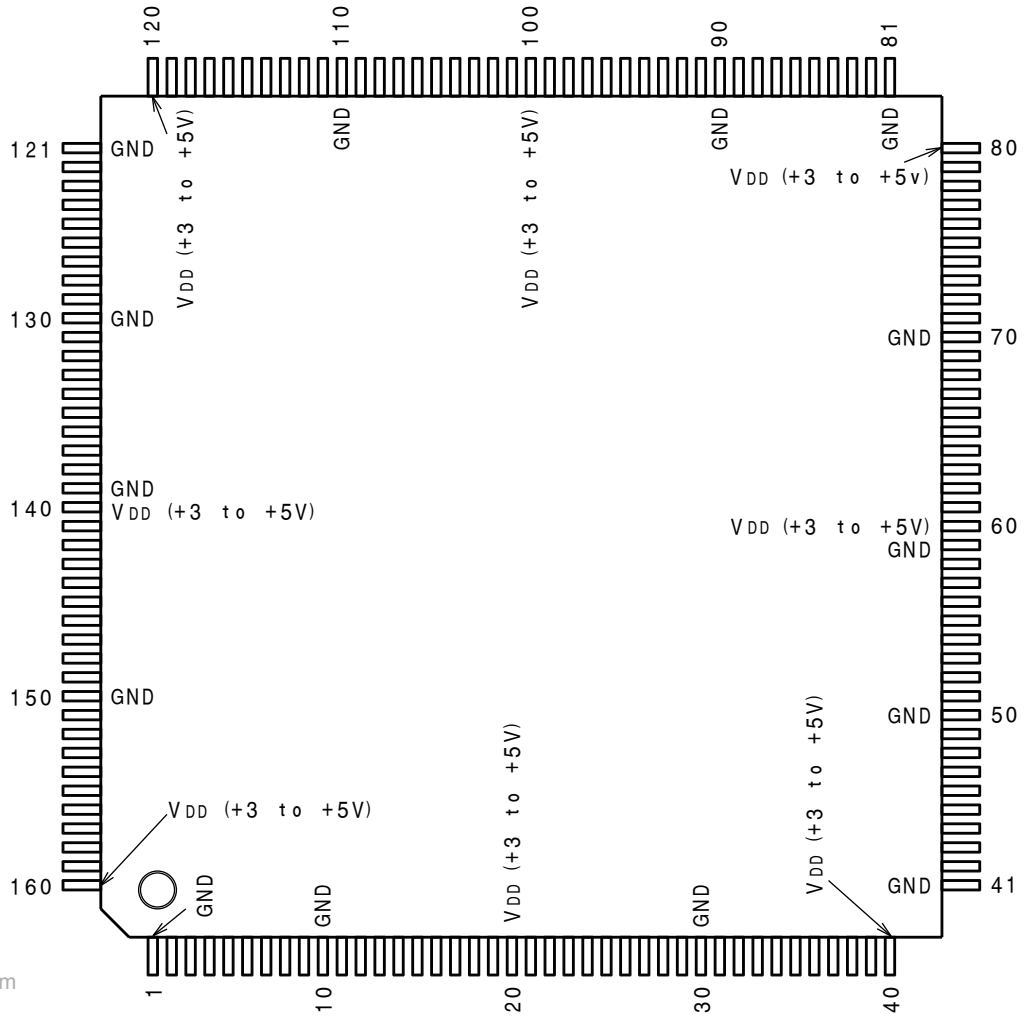


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### C-MOS CROSS POINT -TOP VIEW-



## CXD8852Q(2/4)

(VDD = +3 to +5V)

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	-	GND	41	-	GND	81	-	GND	121	-	GND
2	0	DOA0	42	0	DOD0	82	0	DOG0	122	I	SADD
3	0	DOA1	43	0	DOD1	83	0	DOG1	123	I	DI33
4	0	DOA2	44	0	OEA	84	0	DOG2	124	I	DI34
5	I	DI83	45	I	A0	85	I	SMPL	125	I	DI35
6	I	DI84	46	I	A1	86	I	CS	126	I	DI40
7	0	DOA3	47	0	OEB	87	0	DOG3	127	I	DI41
8	0	DOA4	48	0	DOD2	88	0	DOG4	128	I	DI42
9	0	DOA5	49	0	DOD3	89	0	DOG5	129	I	CK
10	-	GND	50	-	GND	90	-	GND	130	-	GND
11	0	DOB0	51	0	DOD4	91	0	DOH0	131	I/O	SDAT
12	0	DOB1	52	0	DOD5	92	0	DOH1	132	I	DI43
13	0	DOB2	53	0	OEC	93	0	DOH2	133	I	DI44
14	I	DI85	54	0	OED	94	I	DI10	134	I	DI45
15	I	DI90	55	I	A2	95	I	DI11	135	I	DI50
16	I	DI91	56	0	OEE	96	I	DI12	136	I	DI51
17	I	DI92	57	0	DOE0	97	I	DI13	137	I	DI52
18	I	DI93	58	0	DOE1	98	I	DI14	138	I	CKD
19	I	DI94	59	-	GND	99	I	DI15	139	-	GND
20	-	VDD	60	-	VDD	100	-	VDD	140	-	VDD
21	I	DI95	61	0	DOE2	101	I	DI20	141	I	DI53
22	I	DI100	62	0	DOE3	102	I	DI21	142	I	DI54
23	I	DI101	63	0	OEF	103	I	DI22	143	I	DI55
24	I	DI102	64	0	OEG	104	I	DI23	144	I	DI60
25	I	DI103	65	I	A3	105	I	DI24	145	I	DI61
26	I	DI104	66	0	OEH	106	I	DI25	146	I	DI62
27	0	DOB3	67	0	OEI	107	0	DOH3	147	I	DI63
28	0	DOB4	68	0	DOE4	108	0	DOH4	148	I	DI64
29	0	DOB5	69	0	DOE5	109	0	DOH5	149	I	DI65
30	-	GND	70	-	GND	110	-	GND	150	-	GND
31	0	DOC0	71	0	DOF0	111	0	DOI0	151	I	DI70
32	0	DOC1	72	0	DOF1	112	0	DOI1	152	I	DI71
33	0	DOC2	73	0	DOF2	113	0	DOI2	153	I	DI72
34	I	DI105	74	I	A4	114	I	DI30	154	I	DI73
35	I	MOD1	75	I	CKX	115	I	DI31	155	I	DI74
36	I	MOD2	76	I	RST	116	I	DI32	156	I	DI75
37	0	DOC3	77	0	DOF3	117	0	DOI3	157	I	DI80
38	0	DOC4	78	0	DOF4	118	0	DOI4	158	I	DI81
39	0	DOC5	79	0	DOF5	119	0	DOI5	159	I	DI82
40	-	VDD	80	-	VDD	120	-	VDD	160	-	VDD

CXD8852Q(3/4)

## INPUT

A4-A0 : ADDRESS BUS  
CK : SYSTEM CLOCK  
CKD : SERIAL CONTROL CLOCK  
CKX : SWITCHING TIMING PULSE  
 $\overline{CS}$  : CHIP SELECT  
DI15-DI10 : INPUT DATA BUS 1  
DI25-DI20 : INPUT DATA BUS 2  
DI35-DI30 : INPUT DATA BUS 3  
DI45-DI40 : INPUT DATA BUS 4  
DI55-DI50 : INPUT DATA BUS 5  
DI65-DI60 : INPUT DATA BUS 6  
DI75-DI70 : INPUT DATA BUS 7  
DI85-DI80 : INPUT DATA BUS 8  
DI95-DI90 : INPUT DATA BUS 9  
DI105-DI100 : INPUT DATA BUS 10  
MOD1 : (LOW=L, HIGH=M)  
MOD2 : (LOW=C, HIGH=Y)  
 $\overline{RST}$  : RESET PULSE  
SADD : SERIAL ADDRESS  
SMPL : SAMPLE PULSE

## OUTPUT

DOA5-DOA0 : OUTPUT DATA BUS A  
DOB5-DOB0 : OUTPUT DATA BUS B  
DOC5-DOC0 : OUTPUT DATA BUS C  
DOD5-DOD0 : OUTPUT DATA BUS D  
DOE5-DOE0 : OUTPUT DATA BUS E  
DOF5-DOF0 : OUTPUT DATA BUS F  
DOG5-DOG0 : OUTPUT DATA BUS G  
DOH5-DOH0 : OUTPUT DATA BUS H  
DOI5-DOI0 : OUTPUT DATA BUS I  
OEA-OEI : OUTPUT ENABLE

## INPUT/OUTPUT

SDAT : SERIAL DATA

