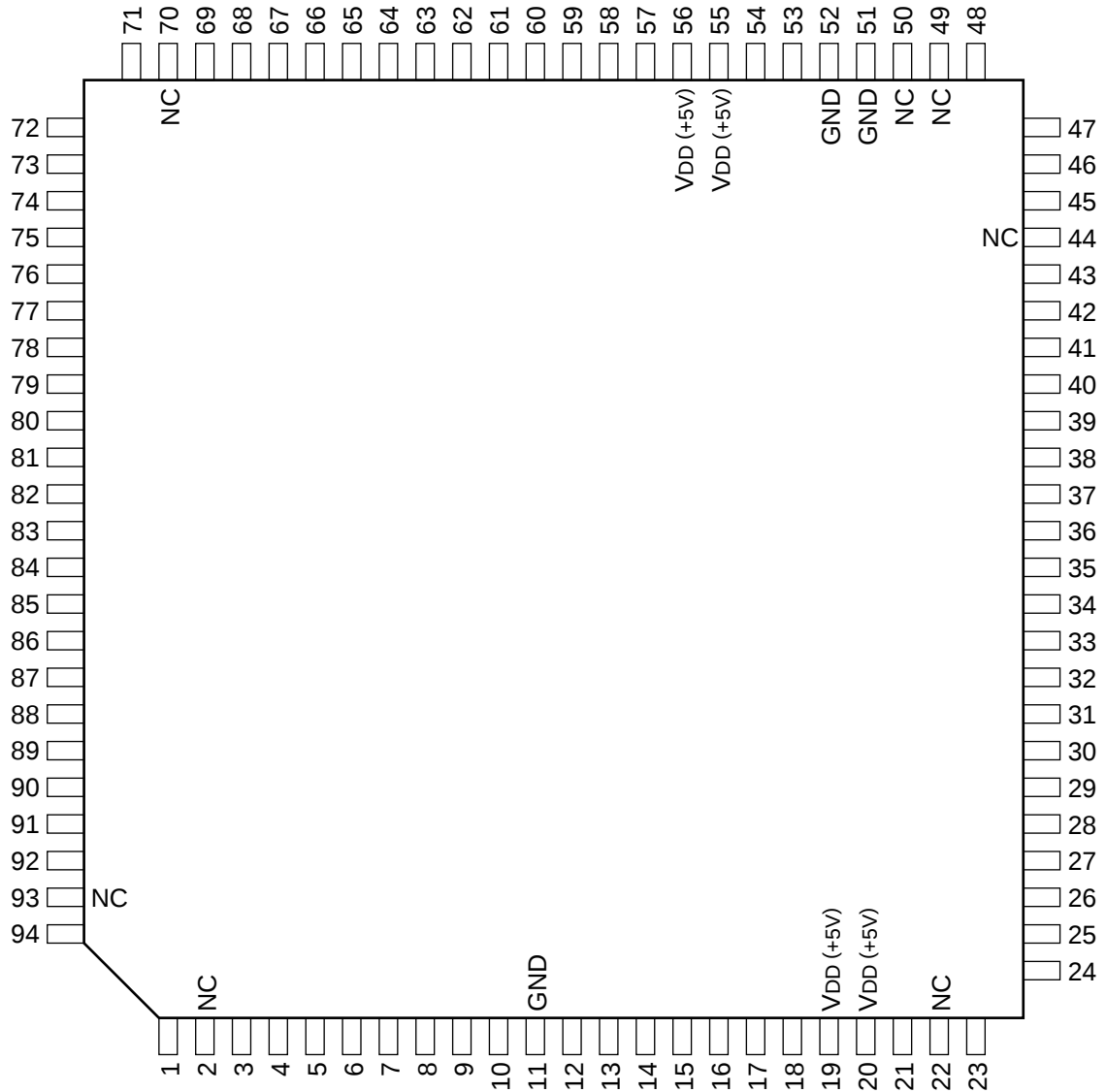

C-MOS SINGLE CHIP 16/8-BIT MICROCOMPUTER

-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	O	A12	25	I/O	P23 / DMARQ1	49	—	NC	73	I/O	P07 / CLKOUT
2	—	NC	26	I/O	P24 / DMAAK1	50	—	NC	74	I/O	D0
3	O	A13	27	I/O	P25 / $\overline{\text{TC1}}$	51	—	GND	75	I/O	D1
4	O	A14	28	I/O	P26 / $\overline{\text{HLDK}}$	52	—	GND	76	I/O	D2
5	O	A15	29	I/O	P27 / $\overline{\text{HLDRQ}}$	53	I	X1	77	I/O	D3
6	O	A16	30	I	P10 / $\overline{\text{NMI}}$	54	I	X2	78	I/O	D4
7	O	A17	31	I	P11 / $\overline{\text{INTP0}}$	55	—	V _{DD}	79	I/O	D5
8	O	A18	32	I	P12 / $\overline{\text{INTP1}}$	56	—	V _{DD}	80	I/O	D6
9	O	A19	33	I/O	P13 / $\overline{\text{INTP2}} / \overline{\text{INTAK}}$	57	I	$\overline{\text{RESET}}$	81	I/O	D7
10	I	RXD0	34	I/O	P14 / $\overline{\text{INT}} / \overline{\text{POLL}}$	58	O	$\overline{\text{REFRQ}}$	82	O	A0
11	—	GND	35	I/O	P15 / $\overline{\text{TOUT}}$	59	O	$\overline{\text{R/W}}$	83	O	A1
12	I/O	$\overline{\text{CTS0}}$	36	I/O	P16 / $\overline{\text{SCK0}}$	60	O	$\overline{\text{MSTB}}$	84	O	A2
13	O	TXD0	37	I/O	P17 / $\overline{\text{READY}}$	61	O	$\overline{\text{IOSTB}}$	85	O	A3
14	I	RXD1	38	I	PT0	62	O	$\overline{\text{MREQ}}$	86	O	A4
15	I	$\overline{\text{CTS1}}$	39	I	PT1	63	I	$\overline{\text{EA}}$	87	O	A5
16	O	TXD1	40	I	PT2	64	I/O	P00	88	O	A6
17	I/O	P20 / DMARQ0	41	I	PT3	65	I/O	P01	89	O	A7
18	—	IC	42	I	PT4	66	I/O	P02	90	O	A8
19	—	V _{DD}	43	I	PT5	67	I/O	P03	91	O	A9
20	—	V _{DD}	44	—	NC	68	I/O	P04	92	O	A10
21	I/O	P21 / DMAAK0	45	I	PT6	69	—	IC	93	—	NC
22	—	NC	46	I	PT7	70	—	NC	94	O	A11
23	I/O	P22 / $\overline{\text{TC0}}$	47	—	IC	71	I/O	P05			
24	—	IC	48	I	VTH	72	I/O	P06			

Pin	Signal	Pin	Signal	Pin	Signal
38	PT0	D0	74		
39	PT1	D1	75		
40	PT2	D2	76		
41	PT3	D3	77		
42	PT4	D4	78		
43	PT5	D5	79		
45	PT6	D6	80		
46	PT7	D7	81		
48	VTH		82		
64	P00	A0	83		
65	P01	A1	84		
66	P02	A2	85		
67	P03	A3	86		
68	P04	A4	87		
71	P05	A5	88		
72	P06	A6	89		
73	P07/CLK OUT	A7	90		
30	P10/NMI	A8	91		
31	P11/INTP0	A9	92		
32	P12/INTP1	A10	94		
33	P13/INTP2/INTAK	A11	1		
34	P14/INT/POLL	A12	3		
35	P15/TOUT	A13	4		
36	P16/SCK0	A14	5		
37	P17/READY	A15	6		
17	P20/DMARQ0	A16	7		
21	P21/DMAAK0	A17	8		
23	P22/TC0	A18	9		
25	P23/DMARQ1	A19			
26	P24/DMAAK1				
27	P25/TC1				
28	P26/HLDAK				
29	P27/HLDRQ				
58	REFRQ				
63	EA				
53	X1				
54	X2				
	RESET				

