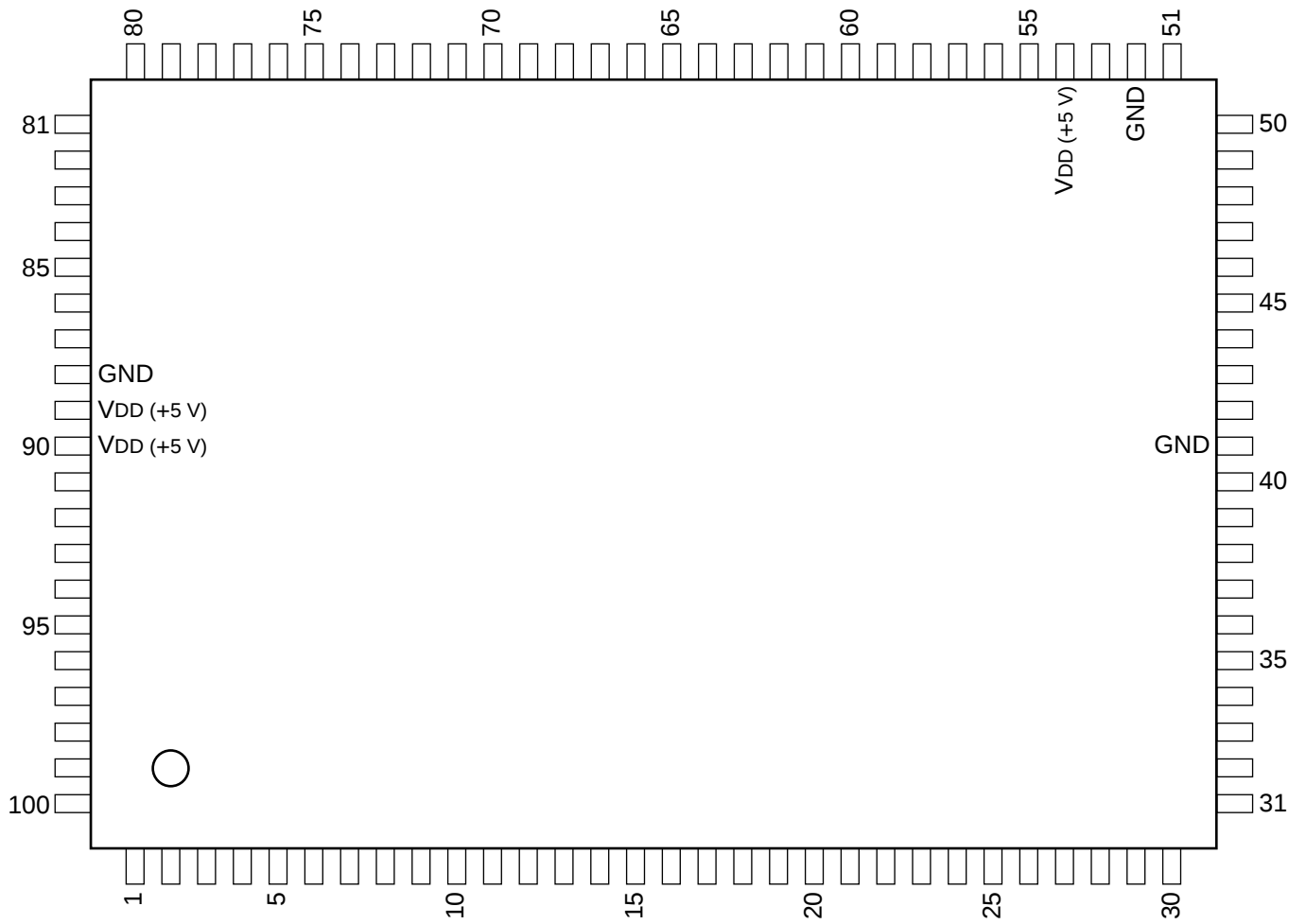


C-MOS 8-BIT MICROPROCESSOR

—TOP VIEW—



(V_{DD} = +5 V)

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	PB5/PPO13	26	I/O	PD4	51	I/O	PF4/AN8	76	O	PE2/PWM0
2	O	PB4/PPO12	27	I/O	PD3	52	—	GND	77	I	PE1/EC/INT2
3	O	PB3/PPO11	28	I/O	PD2	53	—	VREF	78	I	PE0/INT0
4	O	PB2/PPO10	29	I/O	PD1	54	—	VDD	79	I/O	PI7/SI1
5	O	PB1/PPO9	30	I/O	PD0	55	I	PF3/AN7	80	I/O	PI6/SO1
6	O	PB0/PPO8	31	O	PH7	56	I	PF2/AN6	81	I/O	PI5/SCK1
7	I/O	PC7/RTO7	32	O	PH6	57	I	PF1/AN5	82	I/O	PI4/INT1/NMI
8	I/O	PC6/RTO6	33	O	PH5	58	I	PF0/AN4	83	I/O	PI3/TO/DDO/ADJ
9	I/O	PC5/RTO5	34	O	PH4	59	I	AN3	84	I/O	PI2/PWM
10	I/O	PC4/RTO4	35	O	PH3	60	I	AN2	85	I/O	PI1/PO
11	I/O	PC3/RTO3	36	O	PH2	61	I	AN1	86	I	PI0/PCK
12	I/O	PC2/PPO18	37	O	PH1	62	I	AN0	87	I	PK0
13	I/O	PC1/PPO17	38	O	PH0	63	I	PG7/EXI1	88	—	GND
14	I/O	PC0/PPO16	39	O	MP	64	I	PG6/EXI0	89	—	VDD
15	I/O	PJ7	40	I/O	RST	65	I	PG5/SYNC1	90	—	VDD
16	I/O	PJ6	41	—	GND	66	I	PG4/SYNC0	91	O	PA7/PPO7
17	I/O	PJ5	42	O	XTAL	67	I	PG3/PBCTL	92	O	PA6/PPO6
18	I/O	PJ4	43	I	EXTAL	68	I	PG2/DPG	93	O	PA5/PPO5
19	I/O	PJ3	44	I	CSO	69	I	PG1/DFG	94	O	PA4/PPO4
20	I/O	PJ2	45	I	SIO	70	I	PG0/CFG	95	O	PA3/PPO3
21	I/O	PJ1	46	O	SOO	71	O	PE7/DAB1	96	O	PA2/PPO2
22	I/O	PJ0	47	I/O	SCKO	72	O	PE6/DAB0	97	O	PA1/PPO1
23	I/O	PD7	48	I/O	PF7/AN11	73	O	PE5/DAA1	98	O	PA0/PPO0
24	I/O	PD6	49	I/O	PF6/AN10	74	O	PE4/DAA0	99	O	PB7/PPO15
25	I/O	PD5	50	I/O	PF5/AN9	75	O	PE3/PWM1	100	O	PB6/PPO14

INPUT

AN0 - AN11	: ANALOG SIGNAL
CFG	: CAPSTAN FG
CS0	: SERIAL CHIP SELECT
DFG	: DRUM FG
DPG	: DRUM PG
EC	: EXTERNAL EVENT
EXI0, EXI1	: EXTERNAL INPUTS FOR FRC CAPTURE UNIT
EXTAL	: CRYSTAL OSCILLATOR FOR SYSTEM CLOCK
INT0 - INT3	: EXTERNAL INTERRUPT REQUEST
MP	: MICROPROCESSOR MODE
PBCTL	: PLAYBACK CTL
PCK	: EXTERNAL CLOCK
PE0, PE1	: PORT E
PF0 - PF3	: PORT F
PG0 - PG7	: PORT G
PI0	: PORT I
PK0	: INPUT PORT
SI0	: SERIAL DATA
SI1	: SERIAL DATA
SYNC0, SYNC1	: COMPOSITE SYNC

OUTPUT

DAA0, DAA1	: D/A GATE PULSE
DAB0, DAB1	: D/A GATE PULSE
PA0 - PA7	: PORT A
PB0 - PB7	: PORT B
PE2 - PE7	: PORT E
PF4 - PF7	: PORT F
PH0 - PH7	: PORT H
PO	: GENERAL PURPOSE PRESCALER
PPO0 - PPO18	: PROGRAMMABLE PATTERN GENERATOR
PWM	: 14-BIT PWM
PWM0, PWM1	: PULSE WIDTH MODULATION
RTO3 - RTO7	: REAL TIME PULSE GENERATOR
SO0, SO1	: SERIAL DATA
TO	: TIMER/COUNTER
XTAL	: CRYSTAL OSCILLATOR FOR SYSTEM CLOCK

INPUT/OUTPUT

PC0 - PC7	: PORT C
PD0 - PD7	: PORT D
PI1 - PI7	: PORT I
PJ0 - PJ7	: PORT J
RST	: SYSTEM RESET
SCK0, SCK1	: SERIAL CLOCK

