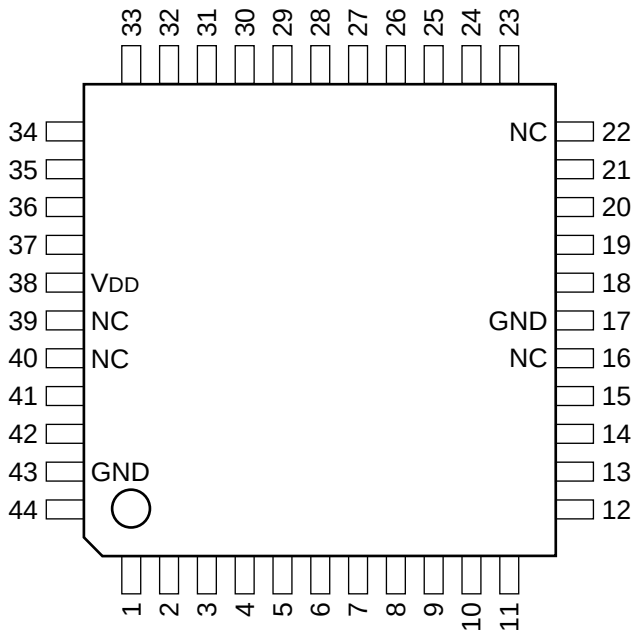
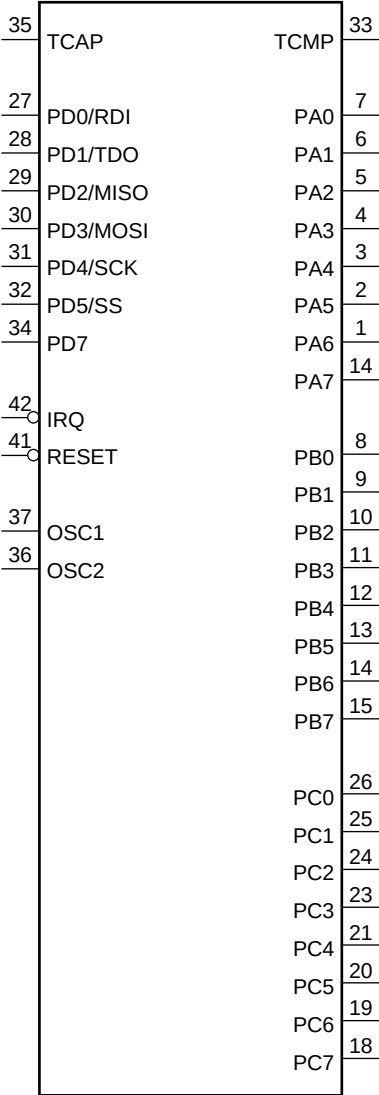


C-MOS MICROCONTROLLER UNIT

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	PA6	23	I/O	PC3
2	I/O	PA5	24	I/O	PC2
3	I/O	PA4	25	I/O	PC1
4	I/O	PA3	26	I/O	PC1
5	I/O	PA2	27	I	PD0/RDI
6	I/O	PA1	28	I/O	PD1/TDO
7	I/O	PA0	29	I/O	PD2/MISO
8	I/O	PB0	30	I/O	PD3/MOSI
9	I/O	PB1	31	I/O	PD4/SCK
10	I/O	PB2	32	I	PD5/SS
11	I/O	PB3	33	O	TCMP
12	I/O	PB4	34	I	PD7
13	I/O	PB5	35	I	TCAP
14	I/O	PB6	36	O	OSC2
15	I/O	PB7	37	I	OSC1
16	—	NC	38	—	VDD
17	—	GND	39	—	NC
18	I/O	PC7	40	—	NC
19	I/O	PC6	41	I	RESET
20	I/O	PC5	42	I	IRQ
21	I/O	PC4	43	—	GND
22	—	NC	44	I/O	PA7



INPUT

IRQ ; INTERRUPT REQUEST
OSC1 ; OSCILLATOR
PD0 - PD5, PD7 ; PROGRAMMABLE D PORT
RESET ; SYSTEM RESET
RDI ; RECEIVING DATA
SS ; SUB SELECT
TCAP ; CAPTURE FEATURE FOR THE ONE-CHIP PROGRAMMABLE TIMER

OUTPUT

OSC2 ; OSCILLATOR
SCK ; SERIAL CLOCK
TCMP ; COMPARE FEATURE OF THE ONE-CHIP TIMER
TDO ; TRANSMISSION DATA

INPUT/OUTPUT

MISO ; MASTER INPUT, SUB OUTPUT
MOSI ; MASTER OUTPUT, SUB INPUT
PA0 - PA6 ; PROGRAMMABLE A PORT
PB0 - PB6 ; PROGRAMMABLE B PORT
PC0 - PC6 ; PROGRAMMABLE C PORT

