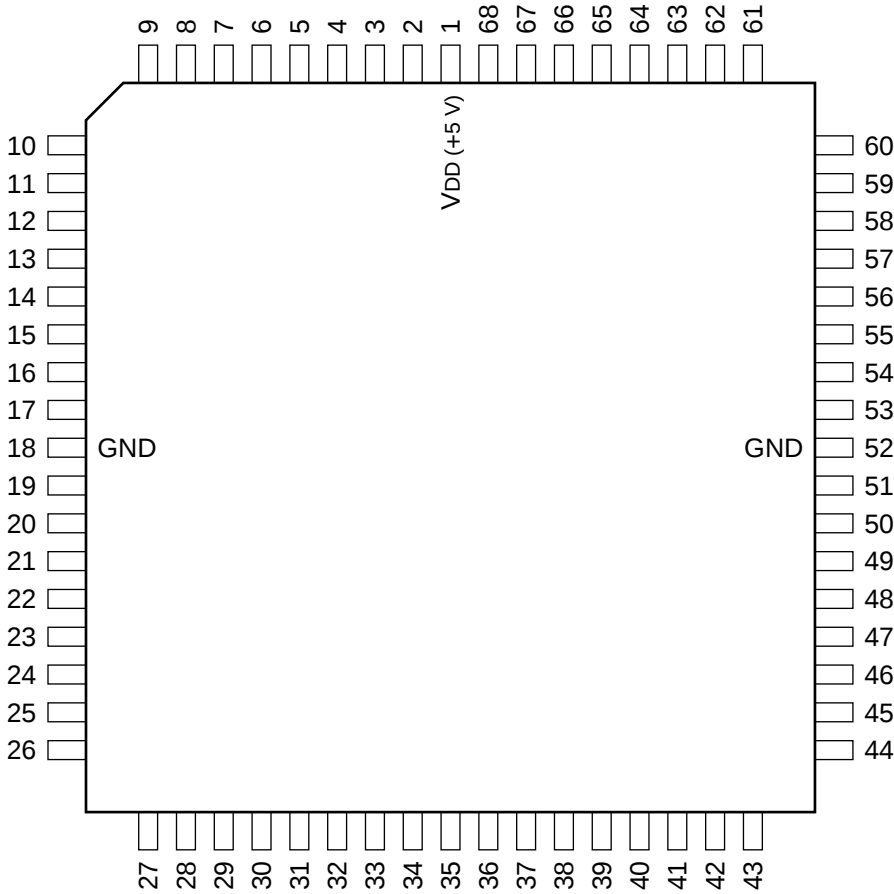
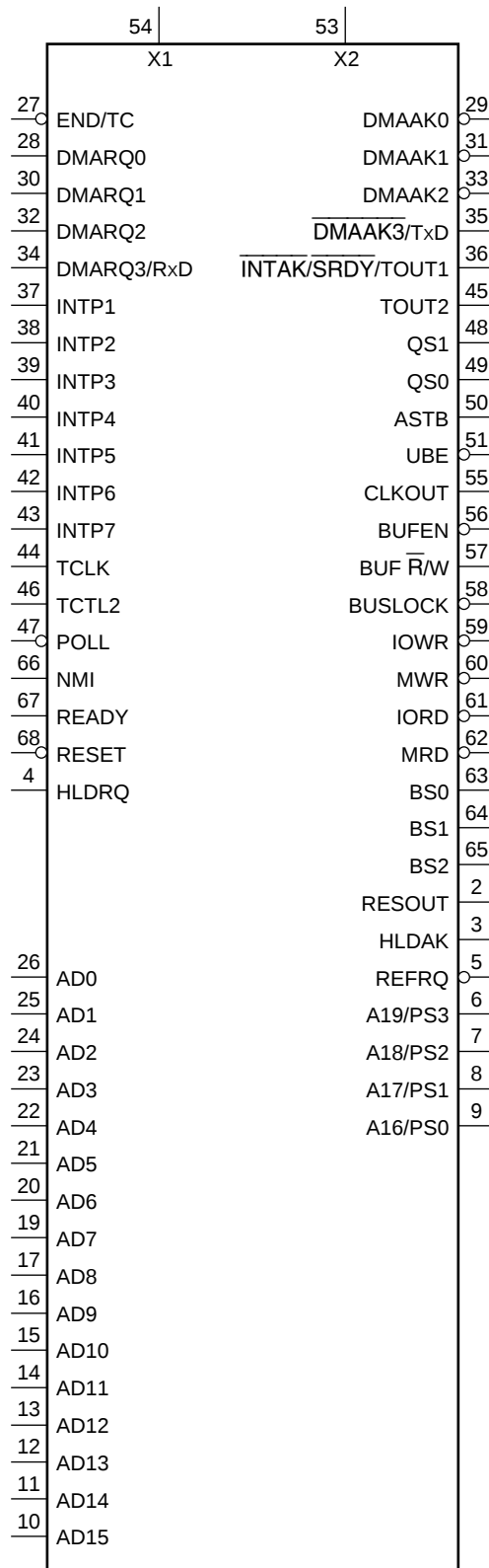


C-MOS 16-BIT MICROPROCESSOR
—TOP VIEW—



PIN No.	FUNCTION	PIN No.	FUNCTION	PIN No.	FUNCTION	PIN No.	FUNCTION
1	VDD	18	GND	35	DMAAK3/TxD	52	GND
2	RESOUT	19	AD7	36	INTAK/SRDY/TOUT1	53	X2
3	HLDAK	20	AD6	37	INTP1	54	X1
4	HLDRQ	21	AD5	38	INTP2	55	CLKOUT
5	REFRQ	22	AD4	39	INTP3	56	BUFEN
6	A19/PS3	23	AD3	40	INTP4	57	BUF R/W
7	A18/PS2	24	AD2	41	INTP5	58	BUSLOCK
8	A17/PS1	25	AD1	42	INTP6	59	IOWR
9	A16/PS0	26	AD0	43	INTP7	60	MWR
10	AD15	27	END/TC	44	TCLK	61	IORD
11	AD14	28	DMARQ0	45	TOUT2	62	MRD
12	AD13	29	DMAAK0	46	TCTL2	63	BS0
13	AD12	30	DMARQ1	47	POLL	64	BS1
14	AD11	31	DMAAK1	48	QS1	65	BS2
15	AD10	32	DMARQ2	49	QS0	66	NMI
16	AD9	33	DMAAK2	50	ASTB	67	READY
17	AD8	34	DMARQ3/RxD	51	UBE	68	RESET

UPD70216L (2/4)



INPUT

DMARQ0 - DMARQ2	: DMA REQUEST 0 - 2
DMARQ3/RxD	: DMA REQUEST/RECEIVE DATA
HLDRQ	: BUS HOLD REQUEST
INTP0 - INTP7	: INTERRUPT REQUEST FROM PERIPHERAL 0 - 7
NMI	: NON MASKABLE INTERRUPT
POLL	: POLL
READY	: READY
RESET	: RESET
TCLK	: TIMER CLOCK
TCTL2	: TIMER CONTROL 2
X1, X2	: CRYSTAL 1, 2

OUTPUT

A16/PS0 - A19/PS3	: ADDRESS/PROCESSOR STATUS
ASTB	: ADDRESS STROBE
BS0 - BS2	: BUS STATUS
BUFEN	: BUFFER ENABLE
BUF $\overline{R/W}$	: BUFFER READ/WRITE
BUSLOCK	: BUS LOCK
CLKOUT	: CLOCK
DMAAK0 - DMAAK2	: DMA ACKNOWLEDGE 0 - 2
$\overline{\text{DMAAK3/TxD}}$	: DMA ACKNOWLEDGE 3/TRANSMIT DATA
$\overline{\text{HLD\text{AK}}}$	: BUS HOLD ACKNOWLEDGE
$\overline{\text{INTAK/SRDY/TOUT1}}$	: INTERRUPT ACKNOWLEDGE/SERIAL READY/TIMER OUT 1
IORD	: I/O READ STROBE
IOWR	: I/O WRITE STROBE
MRD	: MEMORY READ STROBE
MWR	: MEMORY WRITE STROBE
QS0, QS1	: QUEUE STATUS
REFRQ	: REFRESH REQUEST
RESOUT	: SYSTEM RESET
TOUT2	: TIMER OUT 2
UBE	: UPPER BYTE ENABLE

INPUT/OUTPUT

AD0 - AD15	: ADDRESS BUS/DATA BUS
END/TC	: END/TERMINAL COUNT

