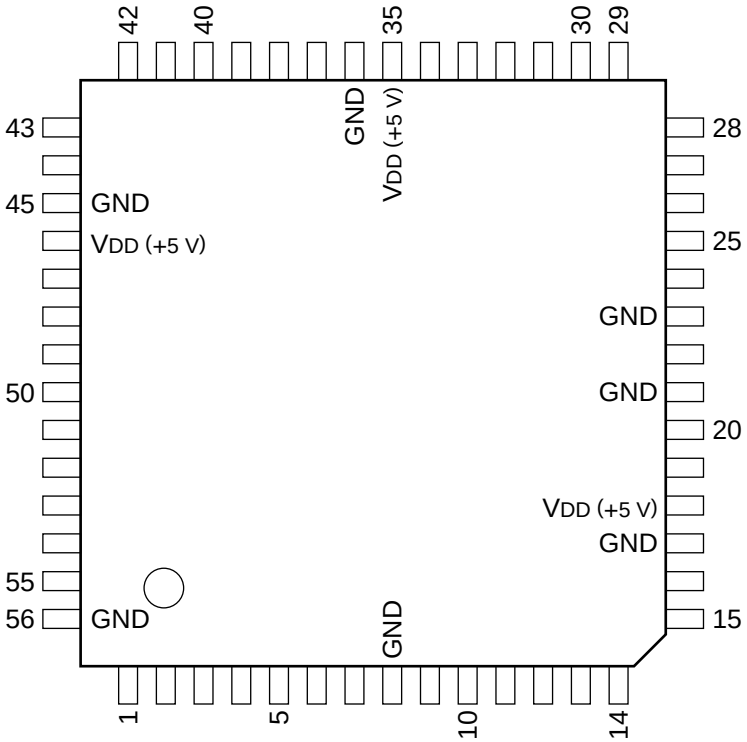
C-MOS IEEE 1284 PERIPHERAL CONTROLLER

—TOP VIEW—



(VDD = +5 V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	O	BPo$\overline{INT2}$	15	I/O	bD1	29	I	BPi$\overline{DEND1}$	43	I/O	BPbD1
2	O	BPo$\overline{INT1}$	16	I/O	bD0	30	I	BPi$\overline{DAK0}$	44	I/O	BPbD0
3	O	BPo$\overline{INT0}$	17	—	GND	31	O	BPo	45	—	GND
4	I	iA3	18	—	VDD	32	O	BPo$\overline{DEND0}$	46	—	VDD
5	I	iA2	19	I	i$\overline{RD}$/R$\overline{W}$	33	I	BPiCLS	47	I	BPi$\overline{SEI}$
6	I	iA1	20	I	i$\overline{WR}$/$\overline{EN}$	34	O	BPoRT	48	I	BPi$\overline{AF}$
7	I	iA0	21	—	GND	35	—	VDD	49	I	BPi$\overline{INI}$
8	—	GND	22	I	BPiCLK	36	—	GND	50	I	BPi$\overline{STB}$
9	I/O	bD7	23	—	GND	37	I/O	BPbD7	51	O	BPoPE
10	I/O	bD6	24	I	i$\overline{RST}$	38	I/O	BPbD6	52	O	BPo$\overline{ACK}$
11	I/O	bD5	25	I	iCIS	39	I/O	BPbD5	53	O	BPoBY
12	I/O	bD4	26	I	i$\overline{CS}$	40	I/O	BPbD4	54	O	BPo$\overline{FT}$
13	I/O	bD3	27	I	BPi$\overline{DAK1}$	41	I/O	BPbD3	55	O	BPoSE
14	I/O	bD2	28	O	BPo$\overline{DRQ1}$	42	I/O	BPbD2	56	—	GND

INPUT

BPi$\overline{AF}$	:	COMPATIBILITY = n AUTO Fd
BPiCLK	:	CLOCK
BPiCLS	:	COMPATIBILITY MODE LEVEL SELECT
BPi$\overline{DAK0}$	:	DMA ACKNOWLEDGE0
BPi$\overline{DAK1}$	:	DMA ACKNOWLEDGE1
BPi$\overline{DEND1}$	:	DMA END1
BPi$\overline{INI}$	:	COMPATIBILITY = n INITIAL
BPi$\overline{SEI}$	:	COMPATIBILITY = n SELECT IN
BPi$\overline{STB}$	:	COMPATIBILITY = n STROBE
iA0 - iA3	:	ADDRESS
iCIS	:	CPU INTERFACE SELECT
i$\overline{CS}$	:	CHIP SELECT
i$\overline{RD}$/$\overline{WR}$	:	READ/READ WRITE SELECT
i$\overline{RST}$	:	RESET
i$\overline{WR}$/$\overline{EN}$	:	WRITE/ENABLE

OUTPUT

BPo$\overline{ACK}$	:	COMPATIBILITY = n ACK
BPoBY	:	COMPATIBILITY = BUSY
BPo$\overline{DEND0}$	:	DMA END0
BPo$\overline{DRQ0}$	:	DMA REQUEST0
BPo$\overline{DRQ1}$	:	DMA REQUEST1
BPo$\overline{FT}$	:	COMPATIBILITY = n FAULT
BPo$\overline{INT0}$	:	INTERRUPT REQUEST0
BPo$\overline{INT1}$	:	INTERRUPT REQUEST1
BPo$\overline{INT2}$	:	INTERRUPT REQUEST2
BPoPE	:	COMPATIBILITY = P ERROR
BPoRT	:	INDICATE REVERSE TRANSFER
BPoSE	:	COMPATIBILITY = SELECT

INPUT/OUTPUT

bD0 - bD7	:	DATA BUS
BPbD0 - BPbD7	:	COMPATIBILITY = DATA