FUJITSU

PROGRAMMABLE TIMER

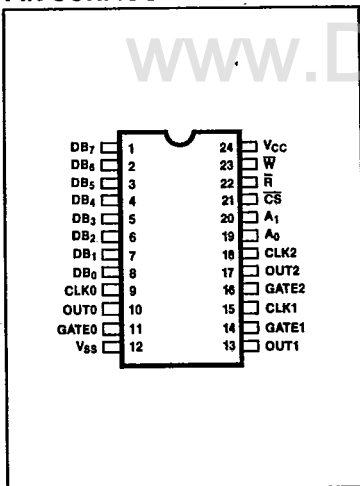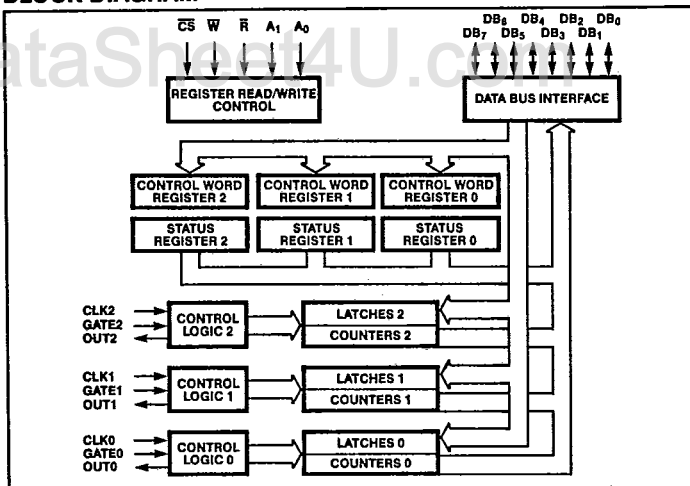# MB89254

DESCRIPTION

The Fujitsu MB89254 Programmable Timer provides three totally independent timer channels. The user can select one of six operating modes for each channel and a variety of output waveforms (pulse, squarewave, etc). Under program direction, the timer serves as a "special-effects" generator and can be used for flag control, special system-control functions, and other supervisory chores. The MB89254 is fabricated in CMOS and is housed in a 24-pin plastic DIP. The device is functionally compatible with the Intel 8254 NMOS device.

PIN CONFIGURATION

DB_7	1	24	V_{CC}
DB_6	2	23	$\overline{W}$
DB_5	3	22	$\overline{R}$
DB_4	4	21	$\overline{CS}$
DB_3	5	20	A_1
DB_2	6	19	A_0
DB_1	7	18	CLK2
DB_0	8	17	OUT2
CLK0	9	16	GATE2
OUT0	10	15	CLK1
GATE0	11	14	GATE1
V_{SS}	12	13	OUT1

BLOCK DIAGRAM