



**Raytheon
Integrated Circuits
200 Series**

DTL silicon planar epitaxial
monolithic integrated circuits for
digital systems.

MAXIMUM RATINGS

Rating	Value	Unit
Supply Voltage - V_{CC}	10	V
Input Voltage - V_{in}	10	V
Output Voltage - V_{out}	7	V
Ambient Operating Temperature - T_{opg}	-55 to +125	°C
Ambient Storage Temperature - T_{stg}	-65 to +175	°C

PACKAGING AVAILABLE

(See page 87):

C - 14-LEAD DUAL INLINE B - 14-LEAD FLAT PACK

**FUNCTIONS AND
CHARACTERISTICS**

FUNCTION	TYPE/PKG	FAN-OUT FUNCTION	TOGGLE RATE (min)	POWER (Avg)(mW)
Dual 3-Input NAND/NOR Gate	201/C,B	11	57	11/gate
R-S Flip-Flop	202/C,B	10	48	11/gate
Single 4-Input NAND/NOR Gate	204/C,B	11	57	11/gate
Triple 3-Input NAND/NOR Gate	206/C,B	11	48	11/gate
Monostable Multivibrator	208/C,B	11	—	—
Dual 3-Input NAND Line Driver	210/C,B	19	75	20/gate
Dual 4-Input NAND/NOR Gate	211/C,B	11	40	11/gate
R-S Flip-Flop	212/C,B	10	48	11/gate
Pulse Binary Counter	213/C,B	15	11MHz	50/gate
Single 8-Input NAND/NOR Gate	214/C,B	11	57	11/gate
J-K Flip-Flop	215/C,B	15	5MHz	55/gate
Triple 3-Input NAND/NOR Gate	216/C,B	11	48	11/gate
Diode Array	217/C,B	—	—	—
Dual 3-Input NAND Line Driver	220/C,B	19	75	20/gate
Dual 3-Input NAND/NOR Gate	221/C,B	11	40	11/gate
Single 8-Input NAND/NOR Gate	224/C,B	11	57	11/gate
J-K Flip-Flop	225/C,B	10	14MHz	55/gate
Triple 3-Input NAND/NOR Gate	226/C,B	11	48	20/gate

DTL FUNCTIONS AND CHARACTERISTICS (continued)

FUNCTION	TYPE/PKG	FAN-OUT FUNCTION	TOGGLE RATE (min)	POWER (Avg)(mW)
Diode Array	227/C,B	—	—	—
Dual 4-Input NAND/NOR Gate	231/C,B	11	40	11/gate
Single 8-Input NAND/NOR Gate	234/C,B	11	57	20/gate
Triple 3-Input NAND/NOR Gate	236/C,B	11	48	20/gate
Dual 4-Input NAND/NOR Gate	241/C,B	11	40	20/gate
Quad 2-Input NAND/NOR Gate	246/C,B	11	48	11/gate
Dual 4-Input NAND/NOR Gate	261/C,B	11	40	20/gate
Quad 2-Input NAND/NOR Gate	266/C,B	11	48	11/gate
Sextuple 1-Input NAND Gate	286/C,B	11	48	11/gate
Monostable Multivibrator	288/C,B	11	—	30/inverter
Sextuple NAND Gate	296/C,B	11	48	11/gate