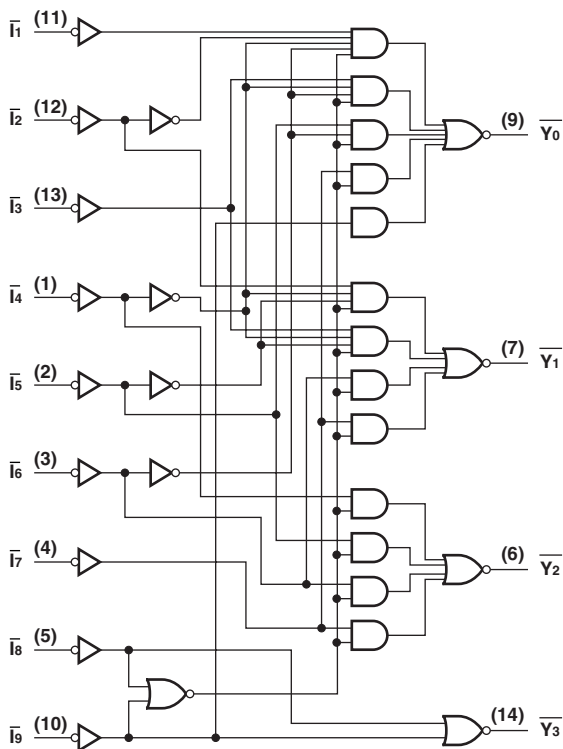


Logic Diagram



FUNCTION TABLE

INPUTS									OUTPUTS			
I ₁	I ₂	I ₃	I ₄	I ₅	I ₆	I ₇	I ₈	I ₉	V ₀	V ₁	V ₂	V ₃
H	H	H	H	H	H	H	H	H	H	H	H	H
X	X	X	X	X	X	X	X	L	L	H	H	L
X	X	X	X	X	X	X	L	H	L	H	H	H
X	X	X	X	X	X	L	H	H	H	L	L	L
X	X	X	X	L	H	H	H	H	H	L	H	L
X	X	X	L	H	H	H	H	H	H	L	H	H
X	X	L	H	H	H	H	H	H	H	H	L	L
X	L	H	H	H	H	H	H	H	H	H	L	H
L	H	H	H	H	H	H	H	H	H	H	H	L

ELECTRICAL CHARACTERISTICS AND RECOMMENDED OPERATING CONDITIONS

PARAMETER	MAX or MIN	TTL	LS	SN74 HC	CD74 HC	CD74 HCT	UNIT
I _{CC}	MAX	70	20	0.08	0.16	0.16	mA
I _{OH}	MAX	-0.8	-0.4	-4	-4	-4	mA
I _{OL}	MAX	16	8	4	4	4	mA

SWITCHING CHARACTERISTICS

PARAMETER	MAX or MIN	TTL	LS	SN74 HC	CD74 HC	CD74 HCT
t _{PLH}	MAX	19	33	48	48	53
t _{PHL}	MAX	19	23	48	48	53

UNIT:ns