

Evaluación y selección de las compuertas (en un archivo PDF). Esto debe contener los datasheet de las compuertas empleadas y una cotización de cuánto saldría el circuito completo.

74ls32 compuerta OR

cantidad:62

puertas por encapsulado: 4;

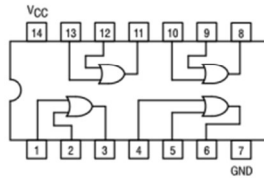
total, encapsulados: 16

precio 8US;

total :8US; entre 1 a 24 unidades;

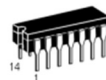


QUAD 2-INPUT OR GATE

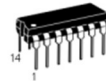


SN54/74LS32

QUAD 2-INPUT OR GATE LOW POWER SCHOTTKY



J SUFFIX
CERAMIC
CASE 632-08



N SUFFIX
PLASTIC
CASE 646-06



D SUFFIX
SOIC
CASE 751A-02

ORDERING INFORMATION

SN54LSXXJ	Ceramic
SN74LSXXN	Plastic
SN74LSXXD	SOIC

GUARANTEED OPERATING RANGES

Symbol	Parameter		Min	Typ	Max	Unit
V _{CC}	Supply Voltage	54 74	4.5 4.75	5.0 5.0	5.5 5.25	V
T _A	Operating Ambient Temperature Range	54 74	-55 0	25 25	125 70	°C
I _{OH}	Output Current — High	54, 74			-0.4	mA
I _{OL}	Output Current — Low	54 74			4.0 8.0	mA

74ls04 compuerta NOT

cantidad:52

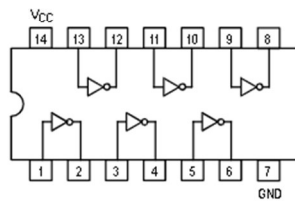
compuertas puertas por encapsulado: 6;

total, encapsulados: 9

precio 8US; entre 1 a 24 unidades;

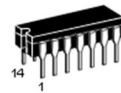


HEX INVERTER

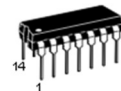


SN54/74LS04

HEX INVERTER
LOW POWER SCHOTTKY



J SUFFIX
CERAMIC
CASE 632-08



H SUFFIX
PLASTIC
CASE 646-06



D SUFFIX
SOIC
CASE 751A-02

ORDERING INFORMATION

SN54LSXXJ Ceramic
SN74LSXXN Plastic
SN74LSXXD SOIC

GUARANTEED OPERATING RANGES

Symbol	Parameter		Min	Typ	Max	Unit
V _{CC}	Supply Voltage	54 74	4.5 4.75	5.0 5.0	5.5 5.25	V
T _A	Operating Ambient Temperature Range	54 74	-55 0	25 25	125 70	°C
I _{OH}	Output Current — High	54, 74			-0.4	mA
I _{OL}	Output Current — Low	54 74			4.0 8.0	mA

74ls08 compuerta AND

cantidad:17

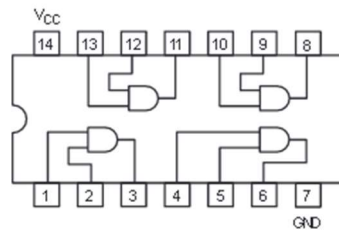
compuertas puertas por encapsulado: 4;

total, encapsulados: 34;

precio 5.96US; entre 25 a 99 unidades;

SN74LS08

Quad 2-Input AND Gate

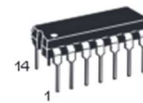


ON Semiconductor
Formerly a Division of Motorola
<http://onsemi.com>

LOW
POWER
SCHOTTKY

GUARANTEED OPERATING RANGES

Symbol	Parameter	Min	Typ	Max	Unit
V _{CC}	Supply Voltage	4.75	5.0	5.25	V
T _A	Operating Ambient Temperature Range	0	25	70	°C
I _{OH}	Output Current – High			–0.4	mA
I _{OL}	Output Current – Low			8.0	mA



PLASTIC
N SUFFIX
CASE 646



SOIC
D SUFFIX
CASE 751A

ORDERING INFORMATION

Device	Package	Shipping
SN74LS08N	14 Pin DIP	2000 Units/Box
SN74LS08D	14 Pin	2500/Tape & Reel

74LS86 compuerta XOR exclusiva

cantidad:8

compuertas por encapsulado: 4;

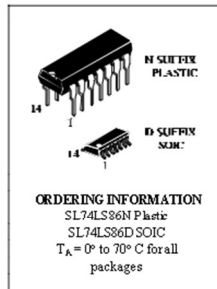
total, encapsulados:2

precio 8US; entre 1 a 24 unidades;

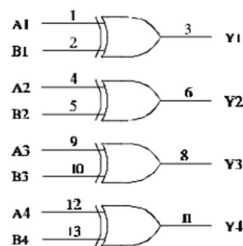
SL74LS86

Quad 2-Input Exclusive OR Gate

This device contains four independent 2-input Exclusive-OR gates. It performs the Boolean functions $Y = A \oplus B = AB + AB$ in positive logic.

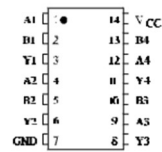


LOGIC DIAGRAM



PIN 14 = V_{CC}
 PIN 7 = GND

PIN ASSIGNMENT



FUNCTION TABLE

Inputs		Output
A	B	Y
L	L	L
L	H	H
H	L	H
H	H	L

Total, en dólares: 29.96