DTL 9930 Series Integrated Circuits

The DTL family can be used in most logic applications where speed is not the all-important parameter. Nevertheless the gate propagation delay is 25nS and flip-flop toggle frequency is 10MHz. Simplicity of design and interfacing make this family very popular, a full range of gates, flip-flops and a monostable being available. This family is compatible with TTL and LPDTL.

CHARACTERISTICS .

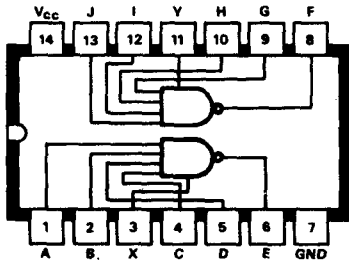|	
Supply voltage	5 volts nominal
Fan-out	10
Noise immunity	1 volt (typical)
Standard temperature range	0°C to +75°C
Packages Ceramic DIP	(Codes U6A-59X)

REFERENCE TABLE

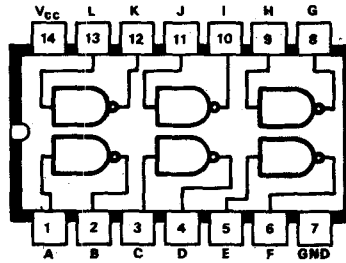**DTL 9930 Series Ceramic Package** See outline drawing No. 116 for physical dimensions

Code	Function	Stock No.	Connection Diagram No.
U6A909359X	Dual Master-Slave JK Flip-Flop with separate clock	19227F	A20
U6A909459X	Dual Master-Slave JK Flip-Flop with separate clock	19228D	A21
U6A909759X	Dual Master-Slave JK Flip-Flop with common clock	19229B	A22
U6A909959X	Dual Master-Slave JK Flip-Flop with common clock	19230E	A23
U6A993059X	Expandable dual 4-input NAND gate	19231C	A1
U6A993259X	Expandable dual 4-input NAND buffer	19232A	A2
U6A993359X	4-input NAND buffer	19233X	A3
U6A993559X	Dual 4-input expander	19234H	A4
U6A993659X	Expandable Hex Inverter	19235F	A5
U6A994459X	Dual 4-input NAND expandable buffer	19236D	A8
U6A994559X	Master-Slave JK or RS Flip-Flop	19237B	A9
U6A994659X	Quad 2-input NAND gate	19238X	A10
U6A994859X	Master-Slave JK or RS Flip-Flop	19239R	A11
U6A995159X	Monostable Multivibrator	19240A	A14
U6A996259X	Triple 3-input NAND gate	19242H	A18

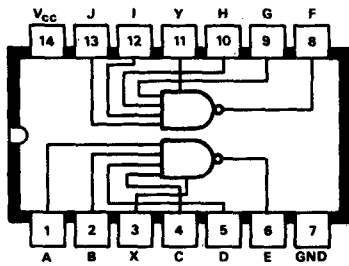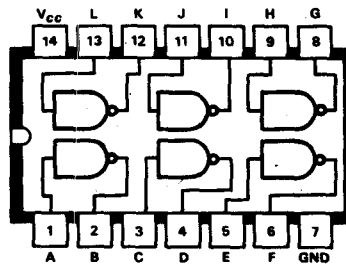MANUFACTURER'S CURRENT LIST PRICES ARE ALWAYS CHARGED

A1   930

Vcc	J	I	Y	H	G	F
14	13	12	11	10	9	8
1	2	3	4	5	6	7
A	B	X	C	D	E	GND

A4   935

Vcc	L	K	J	I	H	G
14	13	12	11	10	9	8
1	2	3	4	5	6	7
A	B	C	D	E	F	GND

A2   932

Vcc	J	I	Y	H	G	F
14	13	12	11	10	9	8
1	2	3	4	5	6	7
A	B	X	C	D	E	GND

A5   936

Vcc	L	K	J	I	H	G
14	13	12	11	10	9	8
1	2	3	4	5	6	7
A	B	C	D	E	F	GND

A3   933

Vcc	J	I	Y	H	G
14	13	12	11	10	9	8
1	2	3	4	5	6	7
A	B	X	C	D	GND

A6   937

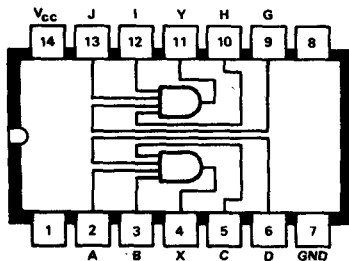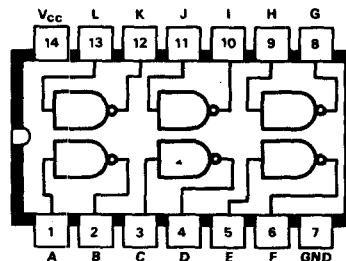| Vcc	L	K	J	I	H	G
14	13	12	11	10	9	8
1	2	3	4	5	6	7
A	B	C	D	E	F	GND

7

PLEASE QUOTE STOCK NO. AND MANUFACTURER'S CODE WHEN ORDERING