

## Wico X-Y Pattern Generator

<u>Part</u>	<u>Location</u>	<u>Description</u>	<u>NTE Cross</u>	<u>Comparable</u>
7404N	U1	Hex Inverted,14-Pin Dip	NTE7404	
SN7493AN	U4	Binary Counter,14-Pin Dip	NTE7493A	
SN7493AN	U5	Binary Counter,14-Pin Dip	NTE7493A	
SN7493AN	U3	Binary Counter,14-Pin Dip	NTE7493A	
7474PC	U6	Dual D Type Flip Flop,14-P Dip	NTE7474	
7490N	U2	Decade Counter,14-Pin Dip	NTE7490	
74123PC	U11	Retrig Mono Multivib,16-Pin Dip	NTE74123	
MC1408L6	U9	8-Bit D/A Converter,16-Pin Dip	NTE2056	
MC1408L6	U10	8-Bit D/A Converter,16-Pin Dip	NTE2056	
7408	U12	Quad 2 Input Pos And,14-Pin Dip	NTE7408	
LF13201N	U13	Quad Spst Jfet Analog Switch, 16-Pin Dip	na	Siliconix DG201ACJ
1DMB10 1L (4-PIN dip)				
082CP (8-PIN dip)	U14	IC-Dual Jfet Inpout Op Amp,8-Pin Dip	NTE858M	
082CP (8-PIN dip)	U15	IC-Dual Jfet Inpout Op Amp,8-Pin Dip	NTE858M	
082CP (8-PIN dip)	U16	IC-Dual Jfet Inpout Op Amp,8-Pin Dip	NTE858M	
MC7812CT	RE1	IC-Pos VR,12V,1A,To-220	NTE966	
MC7912CTD	RE2	IC-Neg VR,12V,1A,To-220	NTE967	
7805 with heatsink	RE3	IC-Pos VR,5V,1A,To-220	NTE960	
1N4003	D1	Rectifier-Si,600V,1A,DO-41	1N4003	
1N4003	D2	Rectifier-Si,600V,1A,DO-41	1N4003	
1N4003	D3	Rectifier-Si,600V,1A,DO-41	1N4003	
1N4003	D4	Rectifier-Si,600V,1A,DO-41	1N4003	
1N4003	D5	Rectifier-Si,600V,1A,DO-41	1N4003	
1N4003	D6	Rectifier-Si,600V,1A,DO-41	1N4003	
3,300uF 16V radial cap	C10			
3,300uF 16V radial cap	C11			
3,300uF 16V radial cap	C12			
3,300uF 16V radial cap	C13			
3,300uF 16V radial cap	C14			
3,300uF 16V radial cap	C15			
330 OHM resistor	R1			
330 OHM resistor	R2			
5.6K OHM resistor	R3			
5.6K OHM resistor	R4			
5.6K OHM resistor	R5			
5.6K OHM resistor	R19			
3.9K OHM resistor	R10			
3.9K OHM resistor	R11			
10K OHM resistor	R13			
10K OHM resistor	R14			
10K OHM resistor	R6			
10K OHM resistor	R9			
15K OHM resistor	R12			
3.3K OHM resistor	R7			
3.3K OHM resistor	R1_			
3.3K OHM resistor	R17			
3.3K OHM resistor	R15			
3.3K OHM resistor	R16			
3.3K OHM resistor	R18			
4.3K OHM resistor	R26			
4.3K OHM resistor	R22			

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<u>Part</u>	<u>Location</u>	<u>Description</u>	<u>NTE Cross</u>	<u>Comparable</u>
6.8K OHM resistor	R21			
6.8K OHM resistor	R23			
6.8K OHM resistor	R25			
1.2K OHM resistor	R27			
1.2K OHM resistor	R28			
2.2K OHM resistor	R20			
2.2K OHM resistor	R24			
304 MPSA12 Transistor	Q1	T-NPN,SI General Purpose AMP,TO-92	NTE46	
0.047K capacitor	C1			
0.022K capacitor	C2			
0.022K capacitor	C17			
0.001K capacitor	C3			
0.022K capacitor	C16			
0.022K capacitor	C5			
0.022K capacitor	C6			
0.001K capacitor	C4			
0.15K capacitor	C18			
39K ceramic capacitor	C7			
47K ceramic capacitor	C8			
330K ceramic capacitor	C9			
3.58 MHz XTAL	XTAL			
10K POT	TP1			
10K POT	TP2			
10K POT	TP3			
10K POT	TP4			
8-pin male connector	P3			
8-pin male connector	P2			
7-pin male connector	P1			
2716 EPROM "X"	U7			
2716 EPROM "Y"	U8			