

Resistors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
2	R1	10R	.25W 5% CF	Xicon	291-10-RC
	R2	10R		Xicon	
1	R6	97R6	.25W 1% MF	Xicon	271-97.6-RC
1	R7	102R	.25W 1% MF	Xicon	271-102-RC
1	R9	107R	.25W 1% MF	Xicon	271-107-RC
1	R8	110R	.25W 1% MF	Xicon	271-110-RC
1	R10	124R	.25W 1% MF	Xicon	271-124-RC
1	R12	137R	.25W 1% MF	Xicon	271-137-RC
1	R11	162R	.25W 1% MF	Xicon	271-162-RC
2	R13	200R	.25W 1% MF	Xicon	271-200-RC
	R15	200R			
1	R5	316R	.25W 1% MF	Xicon	271-316-RC
1	R16	464R	.25W 1% MF	Xicon	271-464-RC
1	R4	2k1	.25W 1% MF	Xicon	271-2.1k-RC
1	R18	2k7	.25W 1% MF	Xicon	271-2.7k-RC
1	R17	3k6	.25W 1% MF	Xicon	271-3.6k-RC
1	R14	5k1	.25W 1% MF	Xicon	271-5.1k-RC
1	R3	7k15	.25W 1% MF	Xicon	271-7.15k-RC

Diodes & LED's					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	CR1	2V5 prec Z	.1% Shunt Ref	Texas Instruments	LM4040AIZ-2.5/NOPB
2	D1	Orange	2mm Lighthouse	Kingbright	W13ND
	D2	Orange			
8	D3	Yellow	2mm Lighthouse	Kingbright	WP13YD
	D4	Yellow			
	D5	Yellow			
	D6	Yellow			
	D7	Yellow			
	D8	Yellow			
	D9	Yellow			
	D10	Yellow			
1	D11	Green	2mm Lighthouse	Kingbright	WP13GD
1	D12	Red	2mm Lighthouse	Kingbright	WP13HD

Transistors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	Q1	2N3906	PNP-BJT	Fairchild	2N3906TA



**Capacitors**

Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
5	C4	.1µF, 50V	X7R Ceramic	BC	K104K15X7RF5TL2
	C5	.1µF, 50V			
	C6	.1µF, 50V			
	C7	.1µF, 50V			
	C8	.1µF, 50V			
2	C2	33µf, 35V	Radial, Electrolytic	Nichicon	UHE1V330MDD
	C3	33µf, 35V			
1	C1	.47µF, 63V	Metallized Polyester	Kemet	R82DC3470AA60J

**IC's**

Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
3	IC2	LM339N		Fairchild	LM339N
	IC3	LM339N			
	IC4	LM339N			

**Switches**

Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
3	SW1	SPDT	On-On Toggle	C&K Components	T101MH9ABE
	SW2				
	SW3				

**Miscellaneous**

Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	JP1	8-pin	Pico Header	Molex	90325-0008
1	****	PCB		CAPI	CAPI FC526-MTR Rev A.2

