

# Signal Animator

## Version 1 Parts List

Digi-Key catalogue numbers are provided for each part. Circuits4Tracks can supply individual parts where needed. Send an email to [circuits@daxack.ca](mailto:circuits@daxack.ca) for information.

Part Number	Description	Digi-Key Number
C1	33 $\mu$ F, 35 volt electrolytic capacitor	565-1569-ND
C2	100 nF, 10 volt or monolithic capacitor	BC2665TB-ND
D1	1N4148 diode	1N4148TATB-ND
H1	2x14 header	67996-214HLF-ND
H2	2x12 header	609-3213-ND
J1	1x3 header	ED7203-ND
J2,J3	1x2 header	ED7202-ND
SIP1, SIP2, SIP3	180R, 3RES, 6SIP	4606X-2-181LF-ND
SIP4	47k, 7RES, 8SIP	4608X-1-681LF-ND
U2	PIC16F1512 microcontroller	PIC16F1512-I/SP-ND
VR1	78L05Z voltage regulator	AS78L05ZTR-E1DICT-ND
X1	2-position screw terminal block	A97996-ND