

Fast Clock Display (for NCE systems) 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 for information.

Part Number	Description	Digi-Key Number
C1	33 μ F, 35 volt electrolytic capacitor	565-1569-ND
C2	100 nF, 10 volt or greater capacitor	BC2665TB-ND
D1	1N4148 diode	1N4148TATB-ND
DSPY1	LED 7-Segment, 0.4" 4-Digit Super Red	160-1550-5-ND
J1	PJ-007 power jack	CP-2519-ND
R1-R7	680 ohm, 1/4 watt resistor	CF14JT680RTR-ND
U1	PIC16F1508 micro-controller	PIC16F1508-I/P-ND
VR1	78L05Z regulator	AS78L05ZTR-E1DICT-ND
X1- X3	6P6C modular connector (RJ-12)	AE10395-ND
JP1	2x2 header *	609-3375-ND **
JP2	6-pin 90° header †	609-3327-ND

* Only used for temperature display modes

** Digikey part has 20 positions - a 2-position may be cut from it

† Only used for ICSP (In Circuit Serial Programming)

R8 and R9 on schematic diagram are pre-installed SMT devices on current circuit boards.