



TEST POINTS
 TP1 - Power
 TP2 - DATA1
 TP3 - DATA2
 TP4 - CLK
 TP5 - CLR
 TP6 - DATA3
 TP7 - DATA4
 TP8 - INTERRUPT
 TP9 - HOUR UP
 TP10 - MINUTE UP

Parts Required:		
LM7805	1	(Linear Reg.)
SN74HC164D	4	(8-bit Shift Reg.)
74LVC244ADB	4	(Line Driver)
DC56-11GWA	2	(Dual 7-segment)
4816P-1-221LF	4	(Resistor Array)
577102B04000G	1	(TO-220 Heatsink)
571-6404562	1	(2-pin Conn.)
3362P-1-103TLF	1	(10kOhm Trimmer)
EEA-GA1HR10B	12	(0.1uF Cap)
B3F-1000	3	(Tactile Switch)
EEA-GA1HR0	1	(1uF Cap)
CF1/2CT5R103J	3	(10kOhm Res.)
CF1/2C101J	3	(100Ohm Res)
CF1/2CT5R102J	1	(1kOhm Res)
1n4148	3	(Diode)
22-23-2101	1	(10-pin Molex)

TITLE: User Interface Schematic	REV: 4
AUTHOR: Kevin Fronczak	P13321-SCH-UICTE