



- NOTES**
1. DIODES 1N4148
  2. C9, 11, 17, 20, 24, 26, 31, 32, 35, 40, 42-53 ARE 1 BYPASS CAPACITORS.
  3. CAPACITANCE IN MICROFARADS.
  4. RESISTORS 1/4 WATT, 5%.  
5. LAST USED REF. DESIG: C55, D20, R50, TR6, IC22

**6. IC TYPE TABLE:**

IC1 7805	IC12 Z8530PS
IC2 NE556	IC13 43256
IC3 74M05	IC14 Z8400AP
IC4 75109	IC15 MSL27256K
IC5 75108	IC16 74LS04
IC6 MS221	IC17 74HC14
IC7 74HC00	IC18 74LS32
IC8 74LS139	IC19 74LS164
IC9 74HC374	IC20 74LS393
IC10 AM7910	IC21 74LS11
IC11 NOT USED	IC22 74HC4020

7. THERE ARE 3 RESISTOR ARRAYS ON THE BOARD. ALL ARE 10K PULL-UPS TO +5. PLACEMENT ON DATA AND ADDRESS LINES AS LISTED BELOW:  
 RA1: A6-A9, & A12-A14.  
 RA2: A2-A4, & D3-D7.  
 RA3: A0, A1, A10, A11, & D0-D2.

8. JP3-JP7 HAVE SHORTING JUMPERS PLACED IN THE 'A' POSITION. JP1 AND JP2 HAVE TRACE CONNECTIONS ON BOARD AS SHOWN IN THIS SCHEMATIC.

**AEA ADVANCED ELECTRONIC APPLICATIONS, INC.**

**TITLE** SCHEMATIC DIAGRAM

**PK-88**

<b>SIZE</b> B	<b>PRODUCTION</b> RELEASE	<b>DWG. NO.</b> 012-060-88	<b>REV</b> B.1
<b>DRAWN</b> HARTLEY	<b>DATE</b> 1-18-89	<b>SHEET 1 OF 1</b>	

