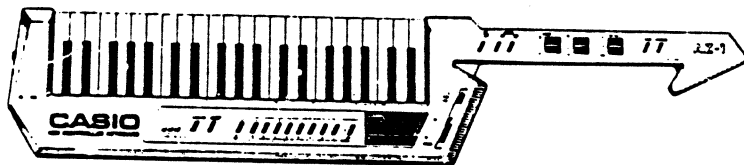


# SERVICE MANUAL & PARTS LIST

AZ-1

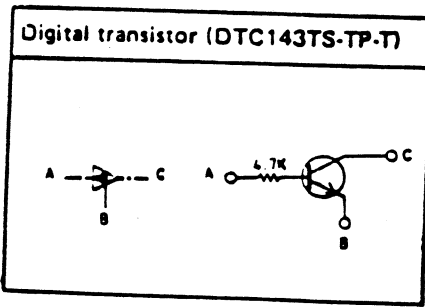
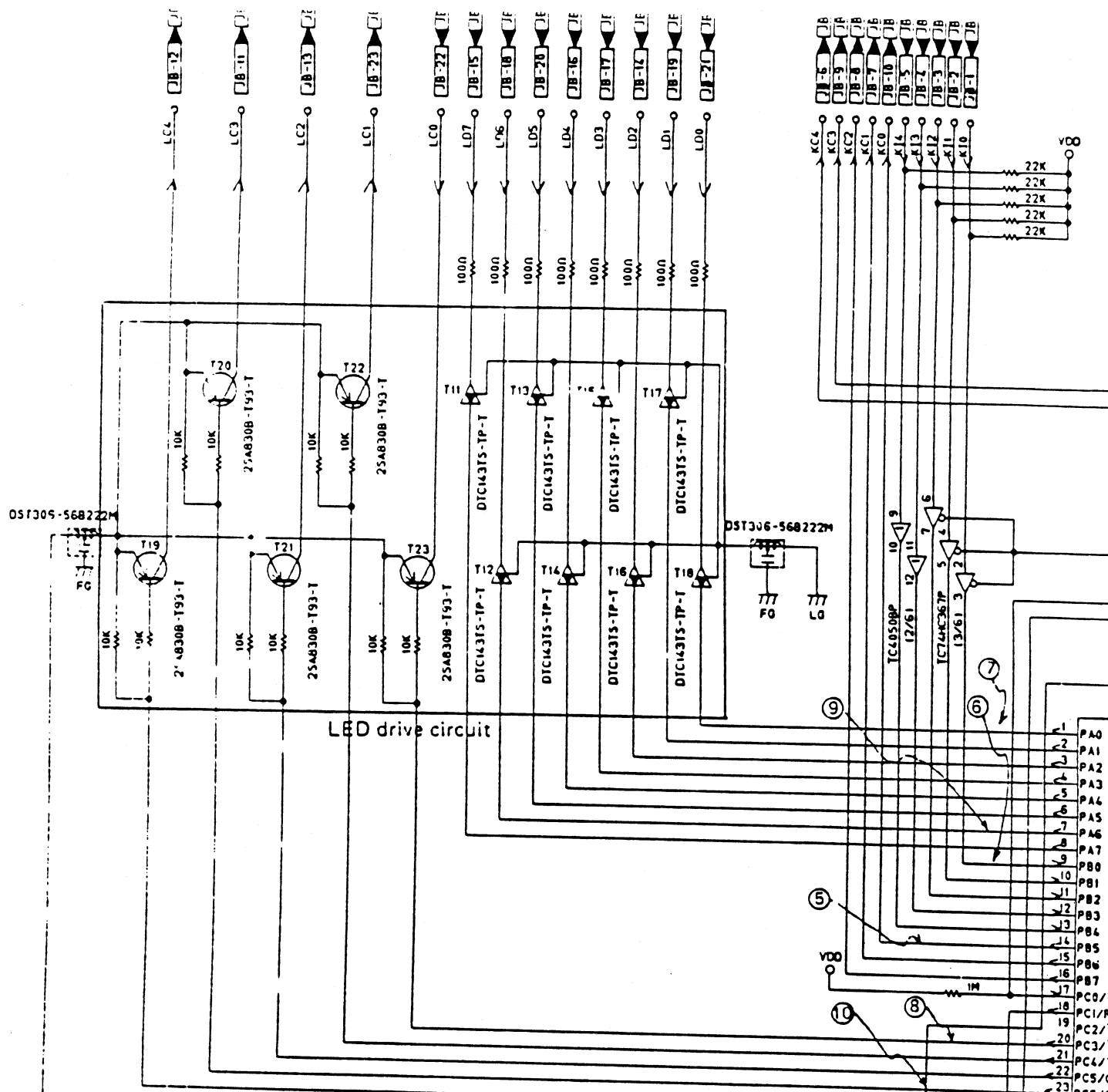


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**CASIO®**

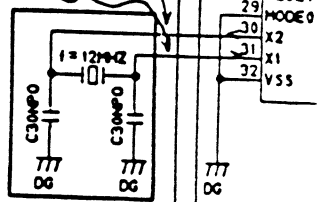
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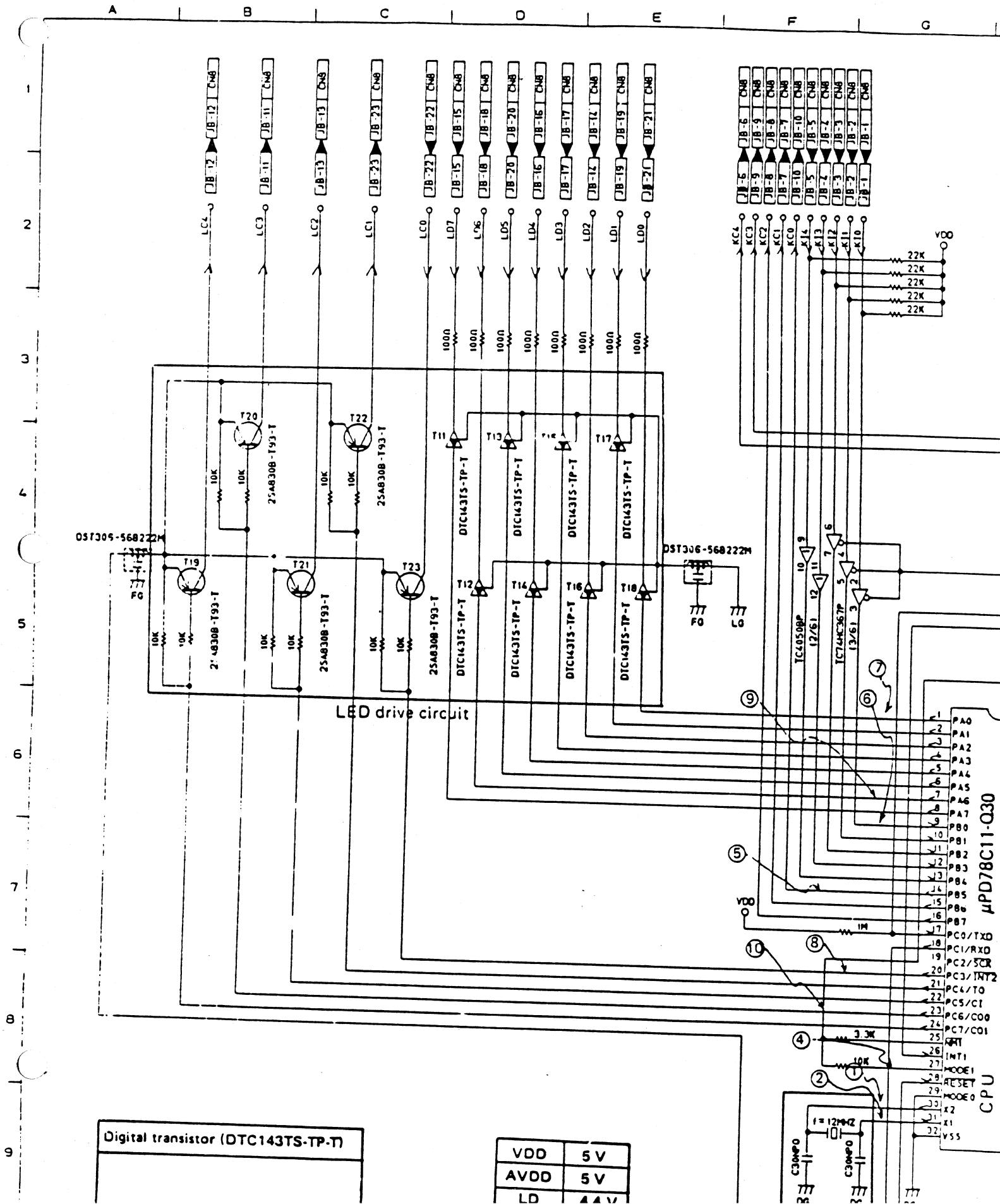
VDD	5 V
AVDD	5 V
LD	4.4 V

	GND	Power source
TC40H004	7pin	14pin
TC74HC367	8pin	16pin
TC4050	8pin	16pin
NJM4558	4pin	8pin



# 1. SCHEMATIC DIAGRAM

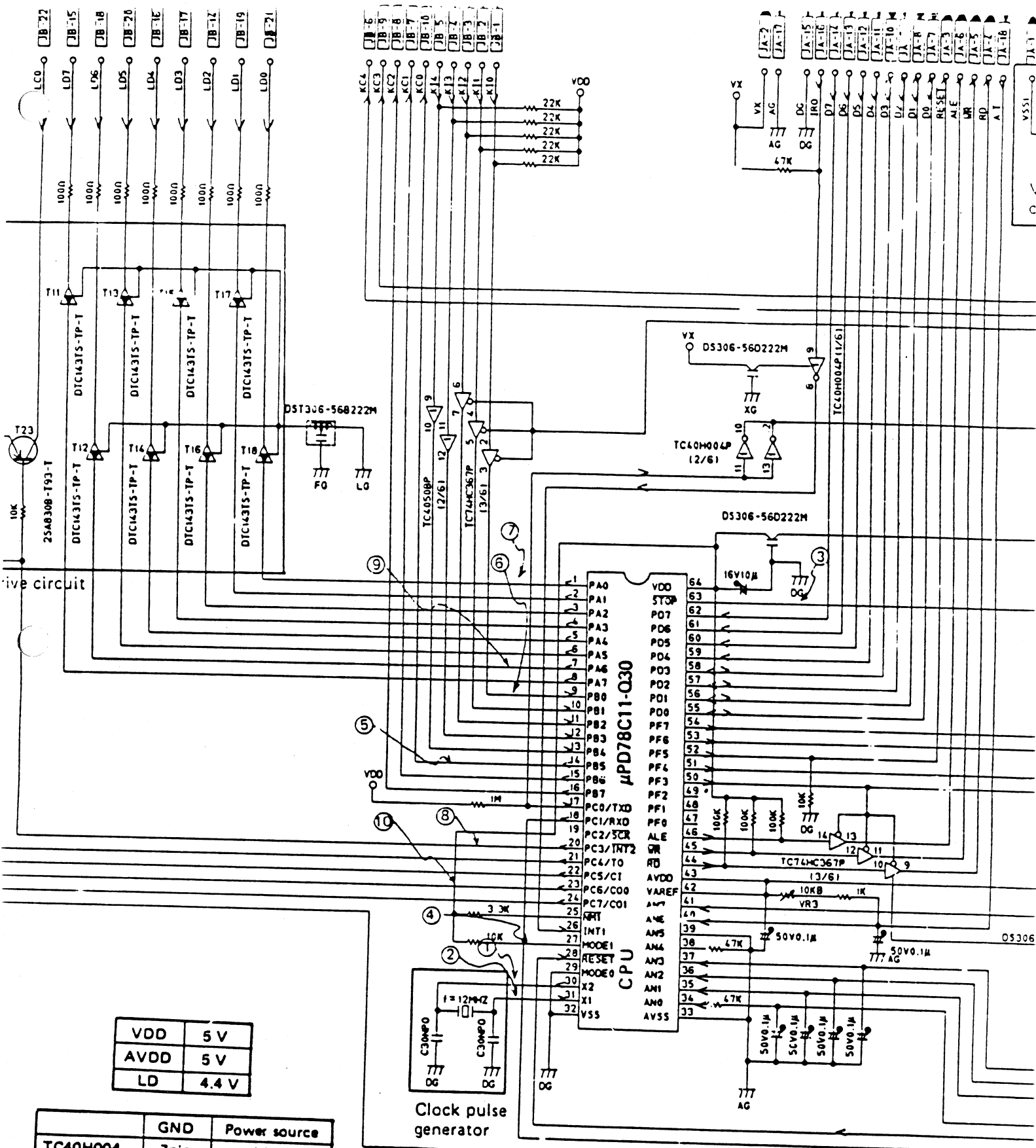
## 1-1. Main PCB M3267-MA1M



Digital transistor (DTC143TS-TP-T)

VDD	5V
AVDD	5V
LD	4.4V

μPD78C11-Q30 CPU



VDD	5 V
AVDD	5 V
LD	4.4 V

	GND	Power source
TC40H004	7pin	14pin
TC74HC367	8pin	16pin
TC4050	8pin	16pin
NJM4558	4pin	8pin

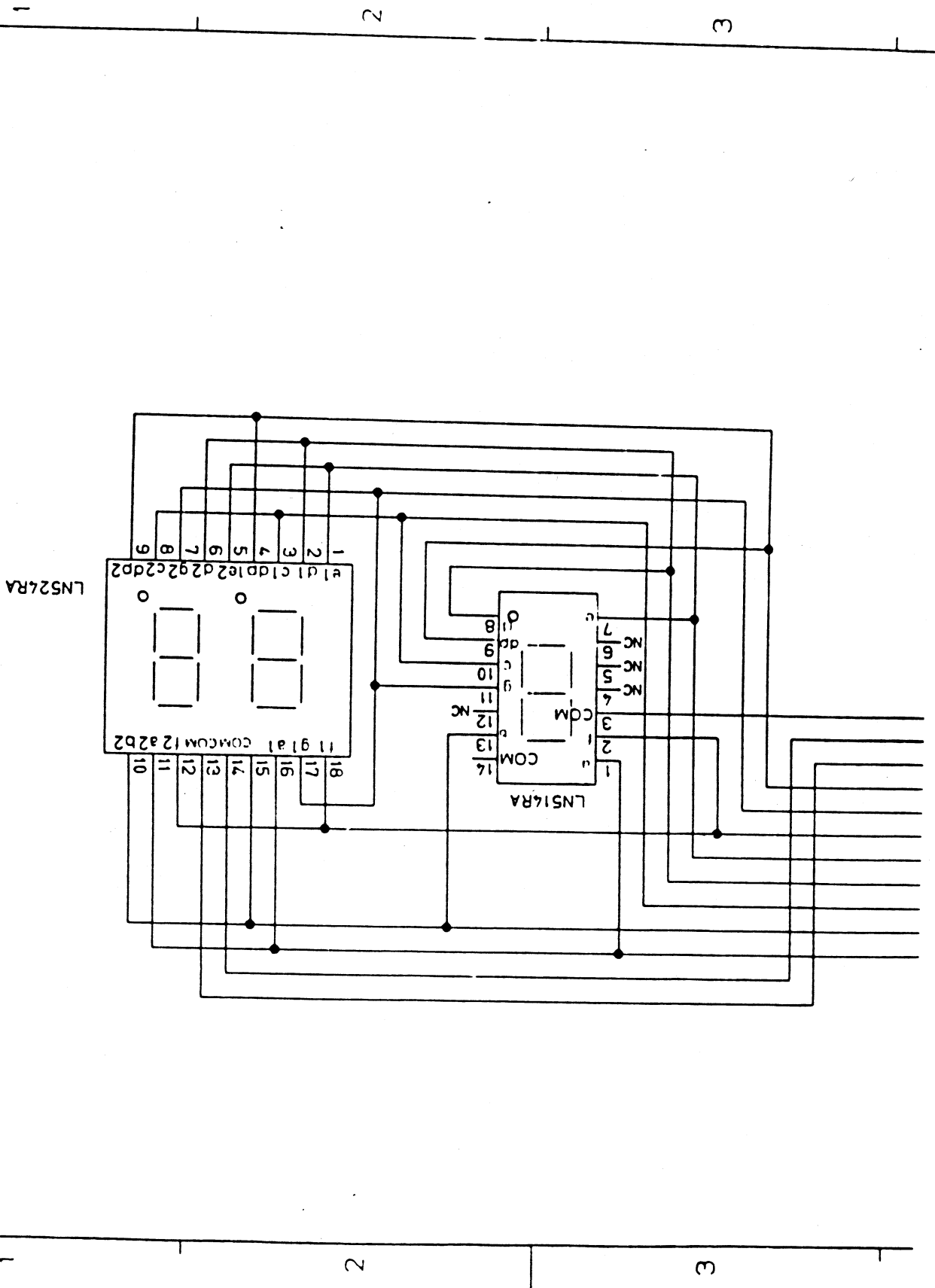
Clock pulse generator

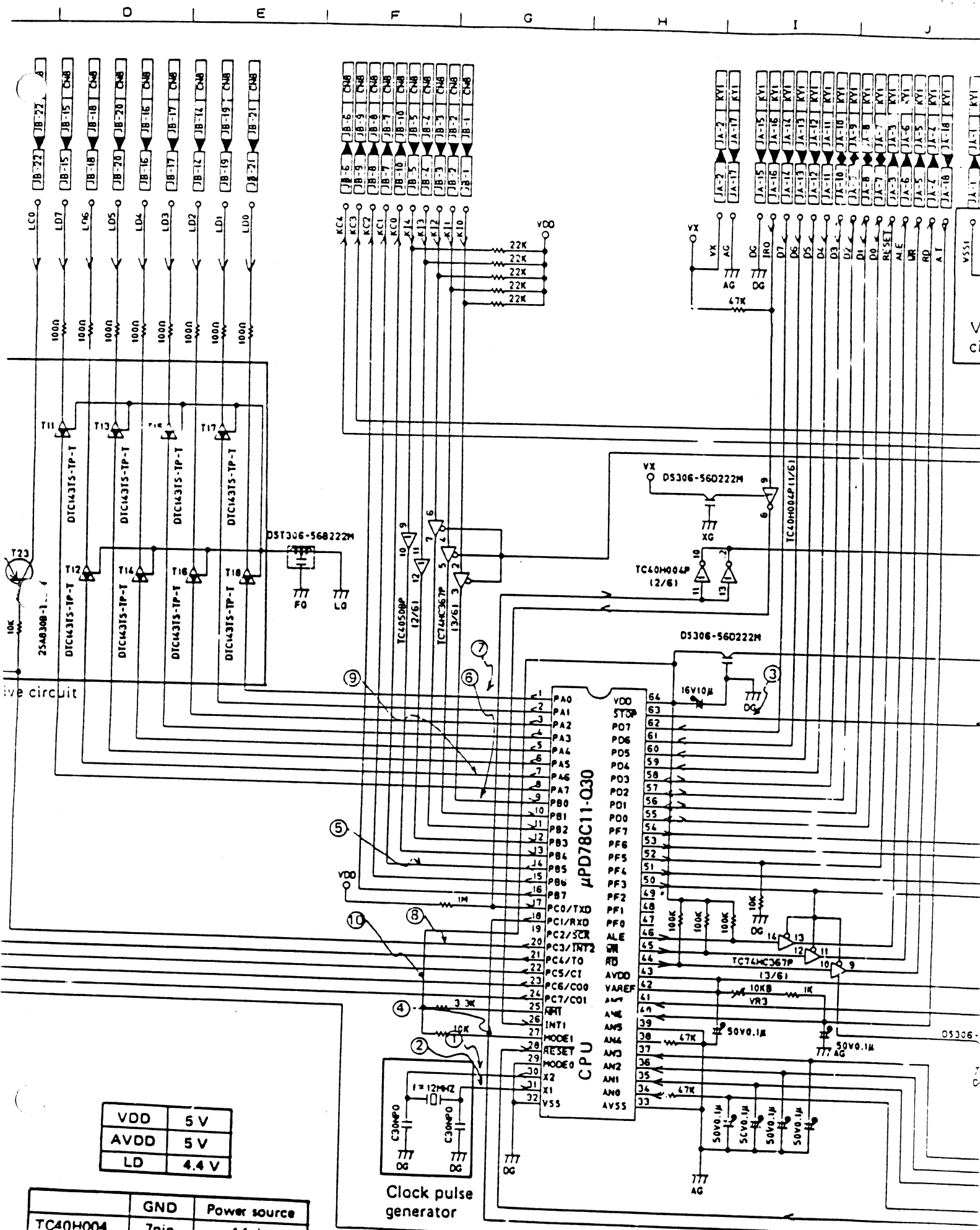
APD78C11-030

ive circuit

D E F G H I J

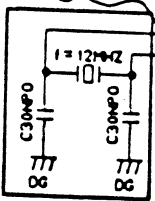
1-7. LED Display PCB M3267-CN9





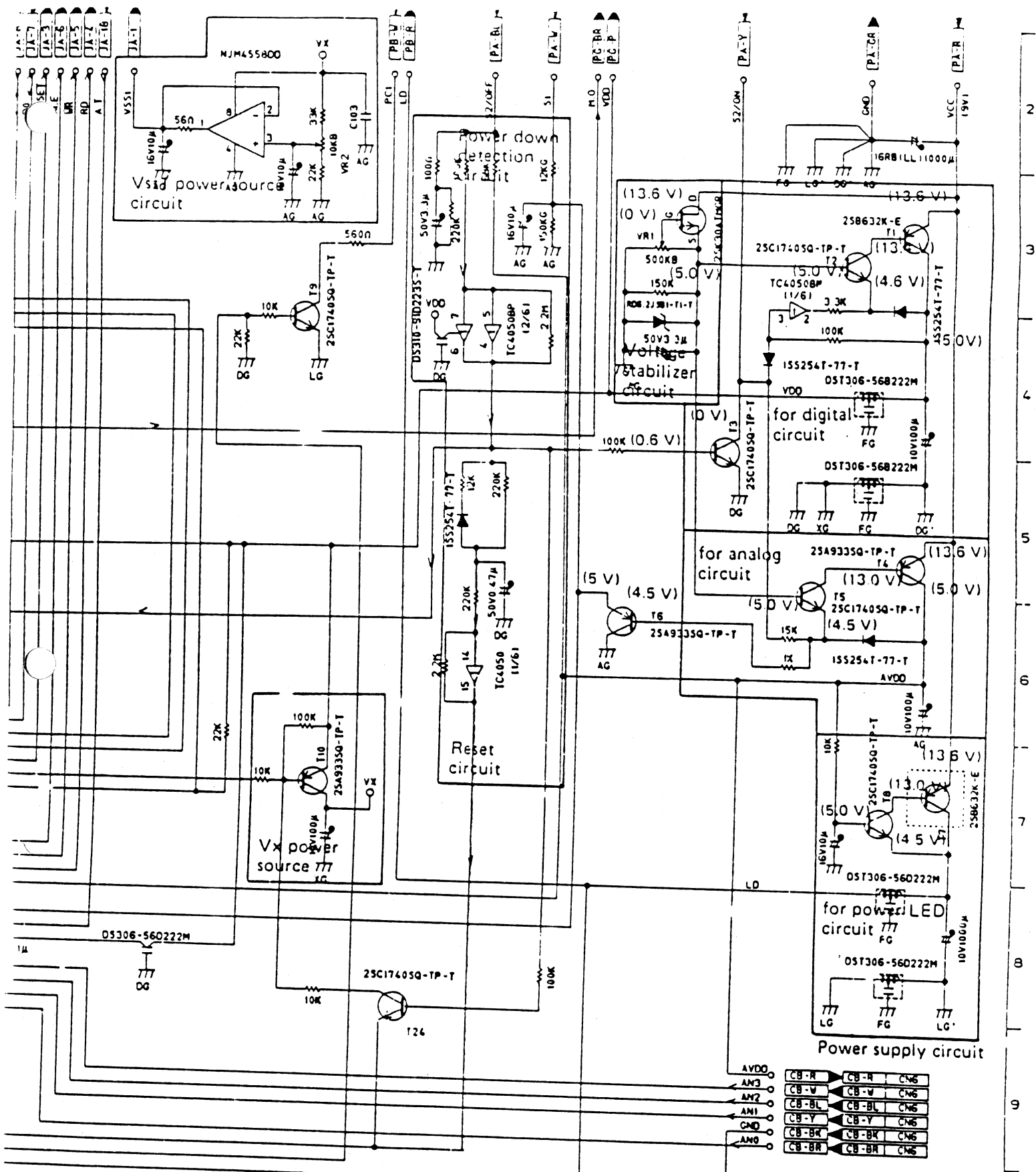
VDD	5 V
AVDD	5 V
LD	4.4 V

Clock pulse generator



	GND	Power source
TC40H004	7pin	14pin

- μPD78C11-030**
- 1 PA0
  - 2 PA1
  - 3 PA2
  - 4 PA3
  - 5 PA4
  - 6 PA5
  - 7 PA6
  - 8 PA7
  - 9 PB0
  - 10 PB1
  - 11 PB2
  - 12 PB3
  - 13 PB4
  - 14 PB5
  - 15 PB6
  - 16 PB7
  - 17 PC0/TXD
  - 18 PC1/RXD
  - 19 PC2/SCR
  - 20 PC3/INT2
  - 21 PC4/TO
  - 22 PC5/CI
  - 23 PC6/CO0
  - 24 PC7/CO1
  - 25 INT
  - 26 INT1
  - 27 MODE1
  - 28 RESET
  - 29 MODE0
  - 30 X2
  - 31 X1
  - 32 VSS
  - 33 AVSS
  - 34 AN0
  - 35 AN1
  - 36 AN2
  - 37 AN3
  - 38 AN4
  - 39 AN5
  - 40 AN6
  - 41 AN7
  - 42 VAREF
  - 43 AVDD
  - 44 RB
  - 45 WR
  - 46 RD
  - 47 PF0
  - 48 PF1
  - 49 PF2
  - 50 PF3
  - 51 PF4
  - 52 PF5
  - 53 PF6
  - 54 PF7
  - 55 PO0
  - 56 PO1
  - 57 PO2
  - 58 PO3
  - 59 PO4
  - 60 PO5
  - 61 PO6
  - 62 PO7
  - 63 STP
  - 64 VDD



Note: Voltages in shown ( ) is using AD-5.