1. CIRCUIT FUNCTION: CURRENT FROM A PHOTO VOLTAIC CELL, CONNECTED TO THE INPUT, INCREASES WHEN A METALIZED MARKER ON THE TAPE REFLECTS LIGHT ONTO THE CELL. AMPLIFICATION IS PROVIDED SO THAT (1) A RELAY IS OPERATED AND (2) A LEVEL CHANGE FROM 0-VOLTS TO +10 VOLTS OCCURS. THESE OPERATIONS CONTINUE FOR THE DURATION OF THE MARKER, PROVIDING THIS DURATION IS LONGER THAN THE PHANTASTRON PERIOD. IN THE EVENT THAT THE MARKER DURATION IS SHORT, THE PHANTASTRON INSURES THAT THE OUTPUTS ARE MAINTAINED FOR A MINIMUM PERIOD
2. CIRCUIT PATHS EXTERNAL TO THE PACKETS ARE LOCATED ON THE BASE CARD.
3. FOR ASSEMBLY SEE DWG. 310058810

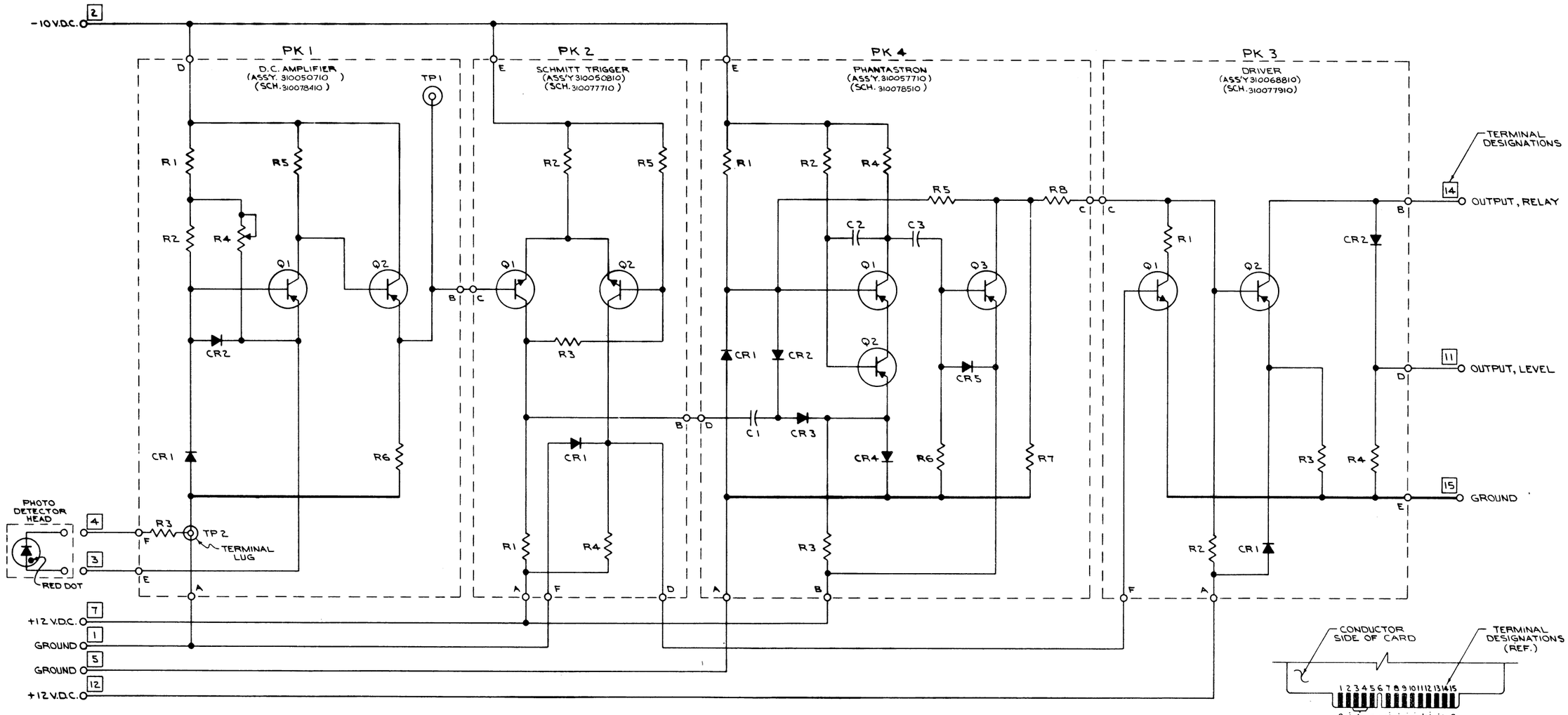

Figure 8-12
Schematic Diagram,
Photosense Base Card
(Used with Photosense Kits
31 01079 10 and 31 01081 10)