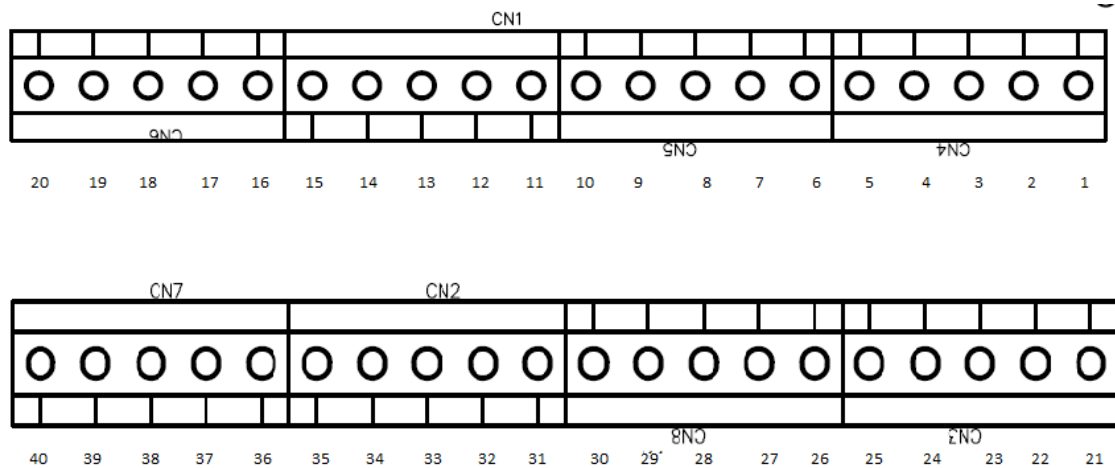**Aux Node PCB Complete Detail**

Input Connector: CN1, CN2, CN4, CN5

Output Connector: CN3, CN6, CN7, CN8

Gnd Pins (Internally Connected to Ground): 1,3,5,10,14,34

12v Pins (connected through external Soldering): 16, 18, 20, 27, 39

Not Connected Pins : 6,12,19,21,28,29,30,31,32,33,37 (These are the pins which was directly reflected from input pins)

Pin description:

Gnd wires : - can be connected to any ground.

        Left Handle ->   orange (indicator switch common wire)

                      Black & yellow (Horn Switch)

                      Red & black (Upper dipper Switch & Passlight Switch)

        Right Handle -> Red (Headlight Switch)

                      Grey & Red (Kill Switch & Ignition Switch)

Note: All this Gnd wires can be connected to any ground pins mentioned or can be clubbed together and soldered to one ground pin.

Input pins:

        Left Handle ->   8 – Black (Horn input)

                      2 – Grey (indicator input 1)

                      9 – Green (indicator input 2)

                      7 – Yellow & Green (Upper dipper Input)

                      4 - Violet (Passlight input)

Right Handle ->   15 – Violet (Headlight input 1 (middle state wire))

                   11 – Yellow & Green (Headlight input 2 (Last state wire))

                   35 – Brown & Blue (Kill input)

                   13 – Red & Yellow (Ignition Input)

Note: Passlight (Red & Yellow wire is not to be connected anywhere)

Output Pins:

22 – Headlight +ve pin (ring or fancy light) - k10 relay

23 – Ignition +ve pin – k5 relay

24 – Kill +ve pin – k6 relay

25 – Headlight +ve pin (dipper) – k9 relay

26 – sidelight 1 +ve pin – k3 relay

36 – sidelight 2 +ve pin – k2 relay

38 – Horn +ve pin – k4 relay

40 – Headlight +ve pin (Upper) – k1 relay

17 – k7 relay (Extra not in use till now)

Actual Placement of connectors: