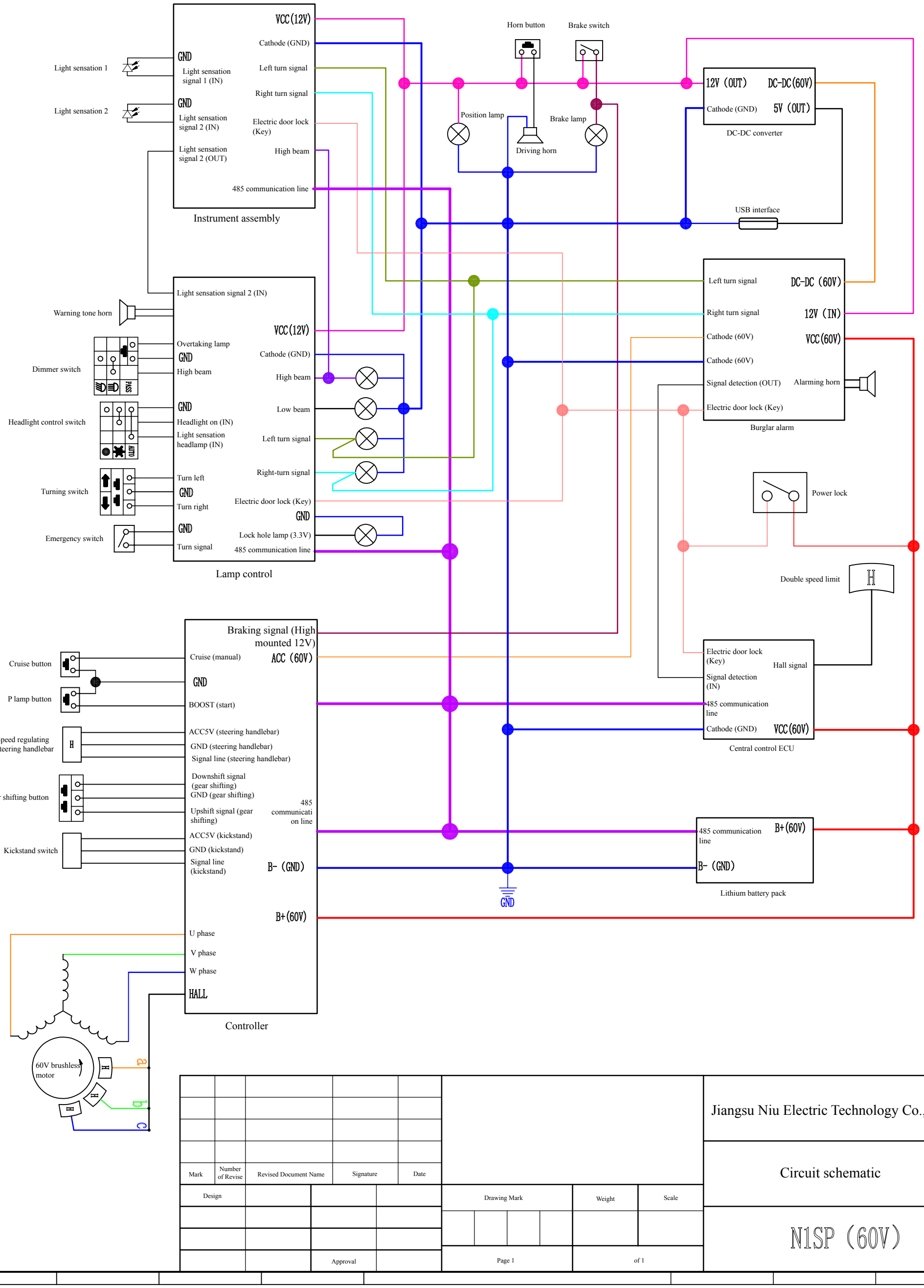

VCC(12V)
Cathode (GND)
Left turn signal
Right turn signal
Electric door lock (Key)
High beam
485 communication line
GND
Light sensation signal 1 (IN)
GND
Light sensation signal 2 (IN)
Light sensation signal 2 (OUT)
Light sensation 1
Light sensation 2
Instrument assembly
Horn button
Brake switch
Position lamp
Brake lamp
Driving horn
12V (OUT)
DC-DC(60V)
Cathode (GND)
5V (OUT)
DC-DC converter
USB interface
Light sensation signal 2 (IN)
Warning tone horn
Overtaking lamp
GND
High beam
Dimmer switch
GND
Headlight on (IN)
Light sensation headlamp (IN)
Headlight control switch
Turn left
GND
Turn right
Turning switch
GND
Turn signal
Emergency switch
VCC(12V)
Cathode (GND)
High beam
Low beam
Left turn signal
Right-turn signal
Electric door lock (Key)
GND
Lock hole lamp (3.3V)
485 communication line
Lamp control
Left turn signal
DC-DC (60V)
Right turn signal
12V (IN)
Cathode (60V)
VCC(60V)
Cathode (60V)
Signal detection (OUT)
Alarming horn
Electric door lock (Key)
Burglar alarm
Power lock
Double speed limit
H
Braking signal (High mounted 12V)
ACC (60V)
Cruise button
Cruise (manual)
GND
P lamp button
BOOST (start)
Speed regulating steering handlebar
ACC5V (steering handlebar)
GND (steering handlebar)
Signal line (steering handlebar)
Gear shifting button
Downshift signal (gear shifting)
GND (gear shifting)
Upshift signal (gear shifting)
Kickstand switch
ACC5V (kickstand)
GND (kickstand)
Signal line (kickstand)
B- (GND)
485 communicati on line
B+(60V)
U phase
V phase
W phase
HALL
Controller
Electric door lock (Key)
Hall signal
Signal detection (IN)
485 communication line
Cathode (GND)
VCC(60V)
Central control ECU
485 communication line
B+(60V)
B- (GND)
Lithium battery pack
GND
60V brushless motor
Mark
Number of Revise
Revised Document Name
Signature
Date
Design
Approval
Drawing Mark
Weight
Scale
Page 1
of 1
Jiangsu Niu Electric Technology Co., Ltd
Circuit schematic
N1SP (60V)
Grafting (general) part registration
Tracing
Check
Former Outline Drawing No.
Outline Drawing No.
Signature
Date