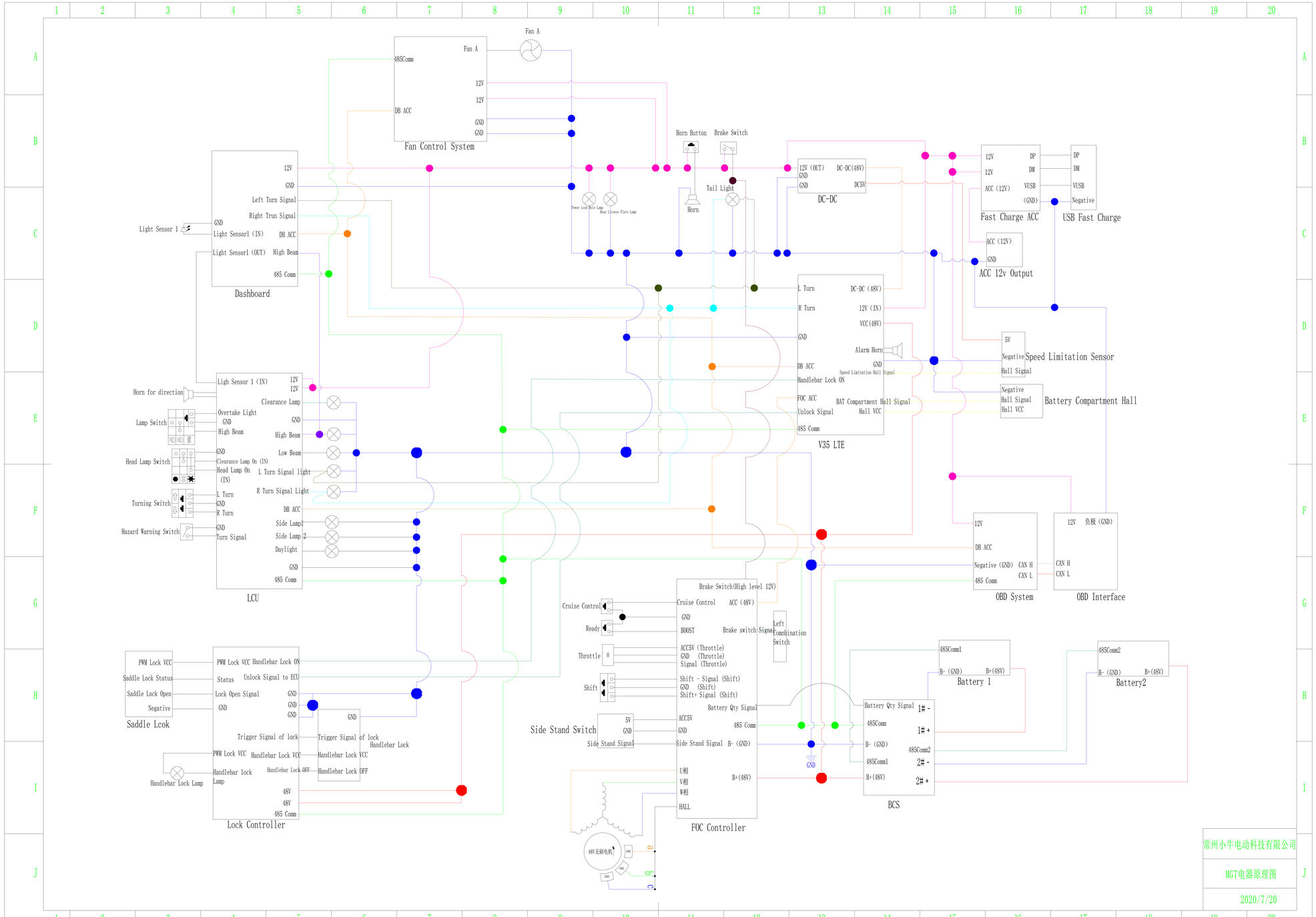
Fan A
485Comm
12V
12V
DB ACC
GND
GND
Fan Control System
Horn Button
Brake Switch
12V
GND
Left Turn Signal
Right Trun Signal
GND
Light Sensor 1
Light Sensor1 (IN)
DB ACC
Light Sensor1 (OUT)
High Beam
485 Comm
Dashboard
Power Lock Hole Lamp
Rear License Plate Lamp
Horn
Tail Light
12V (OUT)
GND
GND
DC-DC(48V)
DC5V
DC-DC
12V
12V
ACC (12V)
DP
DM
VUSB
(GND)
Fast Charge ACC
DP
DM
VUSB
Negative
USB Fast Charge
ACC (12V)
GND
ACC 12v Output
L Turn
R Turn
GND
DB ACC
Handlebar Lock ON
FOC ACC
Unlock Signal
485 Comm
DC-DC (48V)
12V (IN)
VCC(48V)
Alarm Horn
GND
Speed Limitation Hall Signal
BAT Compartment Hall Signal
Hall VCC
V35 LTE
5V
Negative
Hall Signal
Speed Limitation Sensor
Negative
Hall Signal
Hall VCC
Battery Compartment Hall
Horn for direction
Lamp Switch
Head Lamp Switch
Turning Switch
Hazard Warning Switch
Ligh Sensor 1 (IN)
Overtake Light
GND
High Beam
GND
Clearance Lamp On (IN)
Head Lamp On (IN)
L Turn
GND
R Turn
GND
Turn Signal
12V
12V
Clearance Lamp
GND
High Beam
Low Beam
L Turn Signal Light
R Turn Signal Light
DB ACC
Side Lamp1
Side Lamp 2
Daylight
GND
485 Comm
LCU
12V
DB ACC
Negative (GND)
485 Comm
CAN H
CAN L
OBD System
12V
负极 (GND)
CAN H
CAN L
OBD Interface
PWM Lock VCC
Saddle Lock Status
Saddle Lock Open
Negative
Saddle Lcok
Handlebar Lock Lamp
PWM Lock VCC
Status
Lock Open Signal
GND
Trigger Signal of lock
PWM Lock VCC
Handlebar lock Lamp
48V
48V
485 Comm
Lock Controller
Handlebar Lock ON
Unlock Signal to ECU
GND
GND
GND
GND
Trigger Signal of lock
Handlebar Lock
Handlebar Lock VCC
Handlebar Lock OFF
Handlebar Lock VCC
Handlebar Lock OFF
Brake Switch(High level 12V)
Cruise Control
GND
BOOST
ACC5V (Throttle)
GND (Throttle)
Signal (Throttle)
Shift - Signal (Shift)
GND (Shift)
Shift+ Signal (Shift)
Battery Qty Signal
ACC5V
GND
Side Stand Signal
U相
V相
W相
HALL
ACC (48V)
Brake switch Signal
485 Comm
B- (GND)
B+(48V)
FOC Controller
Cruise Control
Ready
Throttle
Shift
Side Stand Switch
Left Combination Switch
48V无刷电机
GND
485Comm1
B- (GND)
B+(48V)
Battery 1
485Comm2
B- (GND)
B+(48V)
Battery2
Battery Qty Signal
485Comm
B- (GND)
485Comm1
B+(48V)
1# -
1# +
485Comm2
2# -
2# +
BCS
常州小牛电动科技有限公司
MGT电器原理图
2020/7/20