| 图号 | |
|---|---|
| 产品编码 | |

## Fan

4P-3 31-purple/green
4P-4 3-yellow 3/D2
+12V
4P-1 53-brown/orange
Speed measurement
4P-2 54-purple/blue
Speed adjustment

Brake switch
12-yellow/green
GND
17-black 17/C1

## Motor controller

53-brown/orange 30P-15 Speed measurement
54-purple/blue 30P-18 Speed adjustment
12-yellow/green 30P-16 Brake
6-Syellow 30P-23 CANL
5-Sred 30P-24 CANH
37-red/black 30P-25 Charge detection
17-black GND
1-red +
2-blue 30P-9 Main switch
8-purple/white 30P-2 TX
7-gray/white 30P-1 RX
28-red/purple 30P-30 Antitheft signal
29-blue/yellow 30P-8 Wheel signal
30-gray/yellow 30P-7 Cruise
27-yellow/black 30P-19 Auto buton

GND of side stand 30P-4 31-purple/green
Side stand signal 30P-22 32-blue/green
+5V side stand 30P-14 33-紫/yellow
Hall A 30P-13 50-brown/black
Hall B 30P-12 51-green/black
Hall C 30P-11 52-blue/black
GND 30P-21 49-brown/white
U green
V blue
W yellow
+5V throttle 30P-28 4-red/white
GND of throttle 30P-26 20-black/white
throttle signal 30P-27 24-blue/white
Speed output 30P-29 55-purple

## Side stand

31-purple/green 3P-1 GND of side stand
32-blue/green 3P-3 Side stand signal
33-紫/yellow 3P-2 +5V side stand

## Throttle

4-red/white 3P-3 +5V throttle
20-black/white 3P-1 GND of throttle
24-blue/white 3P-2 throttle signal

6P-3 50-brown/black
6P-6 50-brown/black
6P-5 51-green/black
6P-4 52-blue/black
6P-1 49-brown/white
M 3~

## Charging port

+
CANL 2P-1 101-red
CANH 4P-2 6-Syellow
4P-1 5-Sred
4P-3 36-red/green
4P-4 37-red/black
GND 2P-2 17-black

## Battery 1

+
GND (2+7P)-(+) 1-red
CANH (2+7P)-(-) 17-black
CANL (2+7P)-2 5-Sred
(2+7P)-1 6-Syellow
(2+7P)-7 36-red/green
(2+7P)-3 37-red/black
(2+7P)-6 1-red
(2+7P)-5 1-red
(2+7P)-4 42-purple

25A

## Main switch

101-red 2P-1 Fuse output 2P-2 2-blue

## Battery 2

+
GND (2+7P)-(+) 1-red
CANH (2+7P)-(-) 17-black
CANL (2+7P)-2 5-Sred
(2+7P)-1 6-Syellow
(2+7P)-7 36-red/green
(2+7P)-3 37-red/black
(2+7P)-6 1-red
(2+7P)-5 1-red
(2+7P)-4 42-purple

## Battery 3

+
GND (2+7P)-(+) 1-red
CANH (2+7P)-(-) 17-black
CANL (2+7P)-2 5-Sred
(2+7P)-1 6-Syellow
(2+7P)-7 36-red/green
(2+7P)-3 37-red/black
(2+7P)-6 1-red
(2+7P)-5 1-red
(2+7P)-4 42-purple
17
FRAME(GND)

## Transformer

Main switch 3P-3 2-blue
+12V 3P-2 3-yellow
GND 3P-1 17-black 17/C1

## USB port

+12V 2P-2 3-yellow
GND 2P-1 17-black

## Front light

+12V 3P-3 3-yellow
TX 3P-2 22-brown
GND 3P-1 17-black

## Rear light

+12V 4P-2 37-red/black
GND 4P-3 17-black
TX 4P-1 22-brown
GND of plate light 4P-4 16-brown/green

## Plate light

GND of plate light 2P-1 16-brown/green
+12V 2P-2 3-yellow 3/A2

## Dashboard

29-blue/yellow 24P-13 Wheel signal
28-red/purple 24P-7 Antitheft signal
7-gray/white 24P-18 TX
8-purple/white 24P-19 RX
37-red/black 24P-21 Charge detection
433M Antenna
38-red/blue 24P-12 Antenna
5-Sred 24P-9 CANH
6-Syellow 24P-8 CANL
17-black 24P-1 GND
2-blue 24P-3 Main switch
101-red 24P-2 Power
3-yellow 24P-24 +12V
22-brown 24P-10 TX
ABS signal 24P-15 40-brown/gray

Cruise
Auto button
RX
TX
ECU reset signal
24P-22 30-gray/yellow
24P-14 27-yellow/black
24P-16 10-orange/green
24P-17 9-gray/green
24P-20 11-white

## Right conbination switch

8P-7 blue/white
8P-4 light green
8P-2 blue
8P-6 white
8P-1 yellow/red
8P-5 white/black
8P-8 black
Auto
Hazard
Light on
Light Auto
Gear -
Gear +
GND

## Left conbination switch

8P-6 blue/white
8P-1 blue
8P-7 white
8P-5 purple
8P-4 orange
8P-2 gray
8P-8 black
Cruise
High light
High light blink
Right turning light
Left turning light
Turning light reset
GND
17-black 2P-1 GND
13-■ 8P-8 Horn

Horn

## ECU

101-red 30P-2 Power
2-blue Main switch
27-yellow/black Auto button
10-orange/green TX
9-gray/green RX
11-white ECU reset
17-black GND
26-gray ECU Output

## Seat lock

26-gray 3P-1 ECU Output
17-black 3P-3 GND
17/C1

## OBD connector

GND 16P-5 17-black
OBD CANH 16P-6 63-Sblue
OBD CANL 16P-14 64-Sgreen
+12V 16P-16 3-yellow

## OBD module

17-black 30P-30 GND
63-Sblue 30P-17 OBD CANH
64-Sgreen 30P-27 OBD CANL
3-yellow 30P-10 +12V
5-Sred 30P-15 CANH
6-Syellow 30P-25 CANL

## ABSconvertor

2-blue 3P-1 Main switch +12V 2P-1 43-orange
101-red 3P-3 Fuse output
17-black 3P-2 GND GND 2P-2 17-black
15A
25A

## ABS

40-brown/gray 18P-16 ABS signal
3-yellow 18P-14 12V
5-Sred 18P-13 CANL
6-Syellow 18P-12 CANH
43-orange 18P-9 +12V
43-orange 18P-18 +12V
17-black 18P-1 GND
17-black 18P-10 GND

Speed output 18P-17 55-purple

## Front speed sensor

Signal of front sensor 18P-4 44-SPwhite 44-SPwhite 2P-2 Signal of front sensor
Vol of front sensor 18P-3 45-SPblue 45-SPblue 2P-1 Vol of front sensor

## Rear speed sensor

Signal of rear sensor 18P-6 46-SPwhite 46-SPwhite 2P-2 Signal of rear sensor
Vol of rear sensor 18P-5 47-SPblue 47-SPblue 2P-1 Vol of rear sensor

| | Segway | E300SE Principle Diagram | | | |
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