



+12V
+5V
GND

100n
100n
100n

+VIN
-VIN
+VOUT
-VOUT
LM2569 DC-DC

100n
+5V
LED

ARDUINO PIN
GND

1 2 3 4 5 6 7 8
ORANGE / WHITE
ORANGE
GREEN / WHITE
GREEN
BLUE / WHITE
BLUE
BROWN / WHITE
BROWN

120
100n

1 2 3 4
R
RE
DE
D
SN75176A
VCC
B
A
GND
LED +5V
LED DATA
LED GND