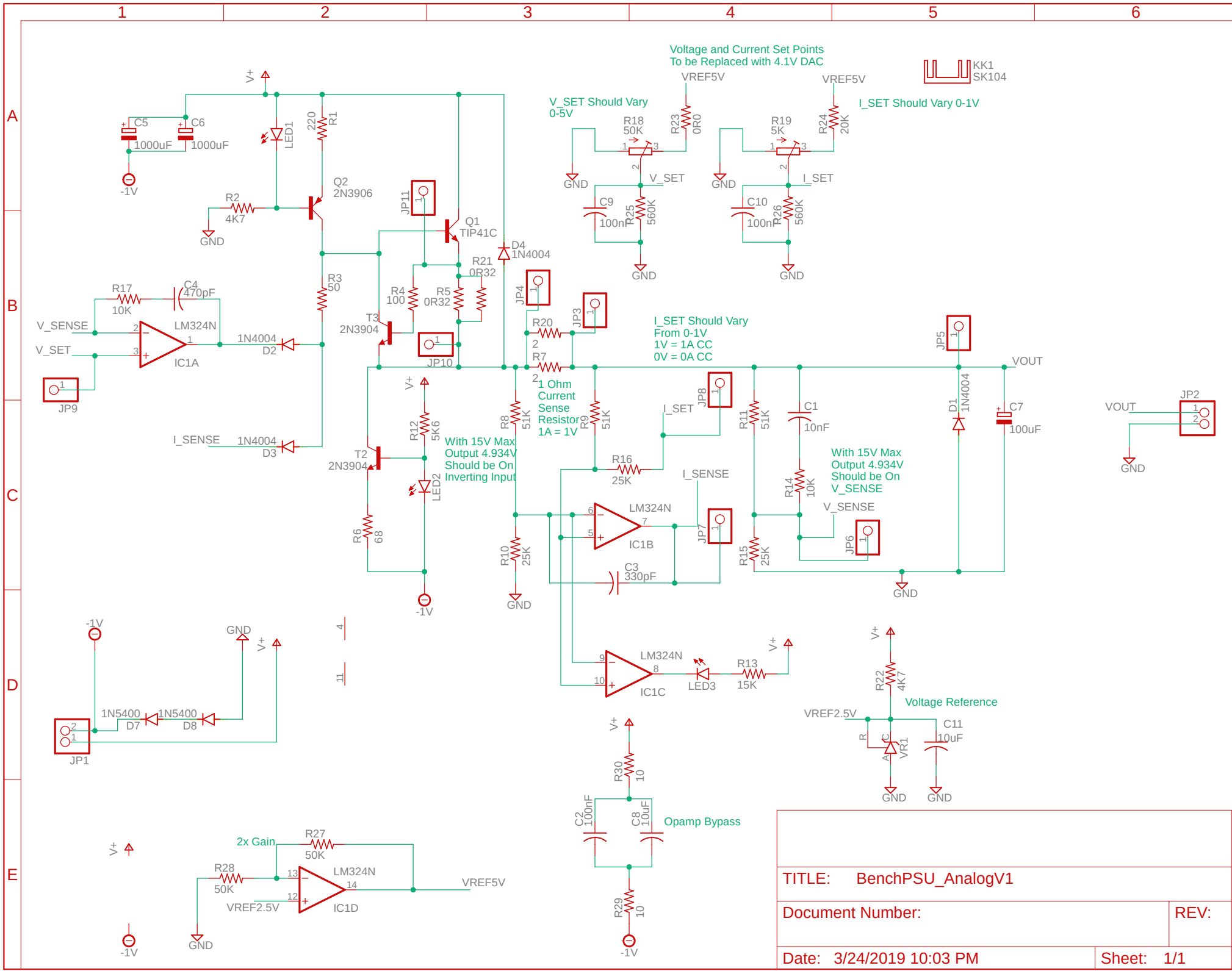
Voltage and Current Set Points
To be Replaced with 4.1V DAC
V_SET Should Vary
0-5V
I_SET Should Vary 0-1V
I_SET Should Vary
From 0-1V
1V = 1A CC
0V = 0A CC
1 Ohm
Current
Sense
Resistor
1A = 1V
With 15V Max
Output 4.934V
Should be On
Inverting Input
With 15V Max
Output 4.934V
Should be On
V_SENSE
Voltage Reference
2x Gain
Opamp Bypass
VREF5V
VREF2.5V
V_SENSE
I_SENSE
V_SET
I_SET
VOUT
LM324N
IC1A
IC1B
IC1C
IC1D
KK1
SK104
TITLE: BenchPSU_AnalogV1
Document Number:
REV:
Date: 3/24/2019 10:03 PM
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