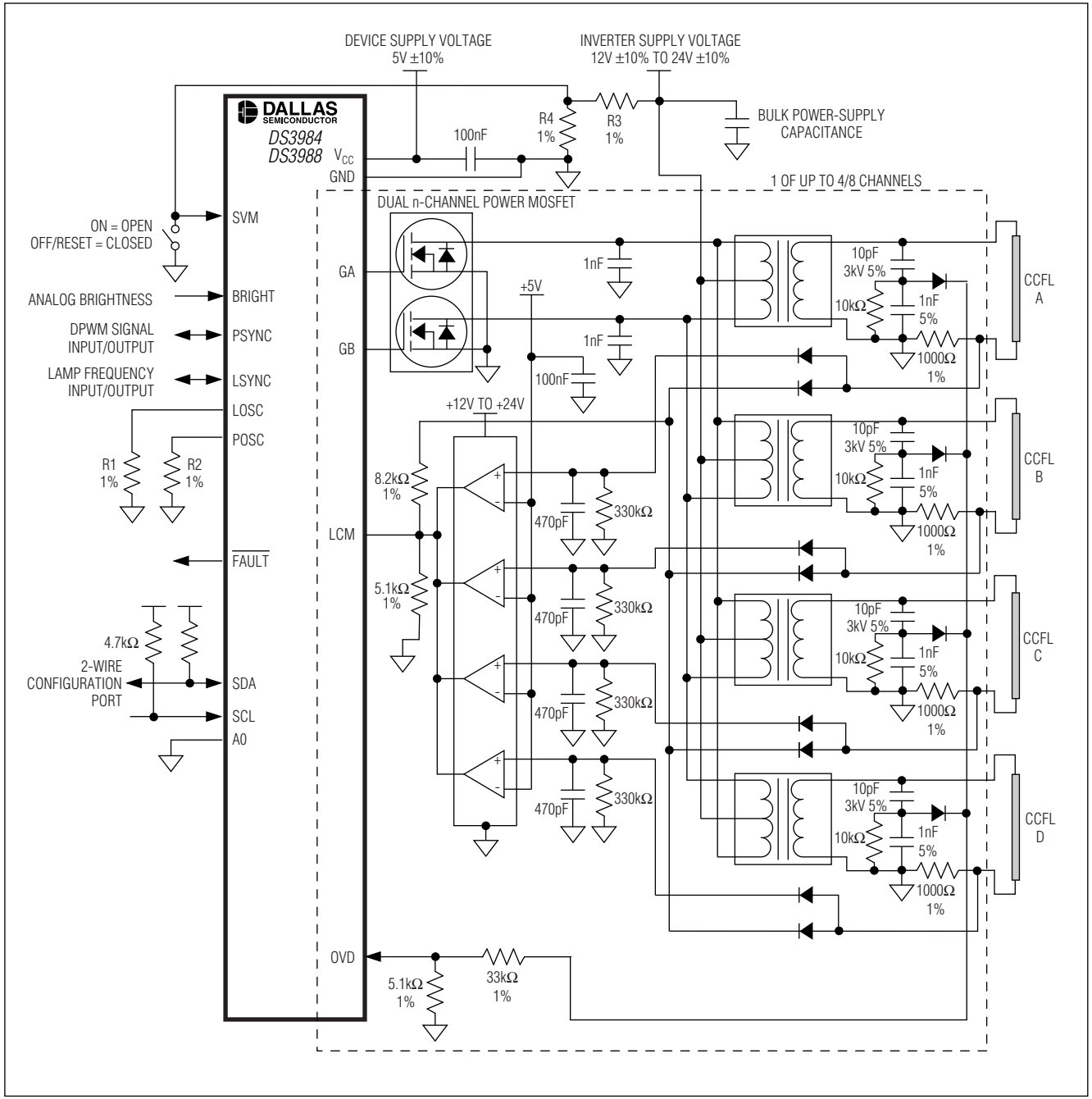
DEVICE SUPPLY VOLTAGE
5V ±10%
INVERTER SUPPLY VOLTAGE
12V ±10% TO 24V ±10%
DALLAS SEMICONDUCTOR
DS3984
DS3988
VCC
GND
100nF
R4
1%
R3
1%
BULK POWER-SUPPLY CAPACITANCE
1 OF UP TO 4/8 CHANNELS
DUAL n-CHANNEL POWER MOSFET
ON = OPEN
OFF/RESET = CLOSED
SVM
ANALOG BRIGHTNESS
BRIGHT
DPWM SIGNAL INPUT/OUTPUT
PSYNC
LAMP FREQUENCY INPUT/OUTPUT
LSYNC
LOSC
POSC
R1
1%
R2
1%
FAULT
4.7kΩ
2-WIRE CONFIGURATION PORT
SDA
SCL
A0
GA
GB
LCM
OVD
+5V
+12V TO +24V
1nF
100nF
8.2kΩ
1%
5.1kΩ
1%
470pF
330kΩ
10pF
3kV 5%
10kΩ
1nF
5%
1000Ω
1%
CCFL A
CCFL B
CCFL C
CCFL D
5.1kΩ
1%
33kΩ
1%