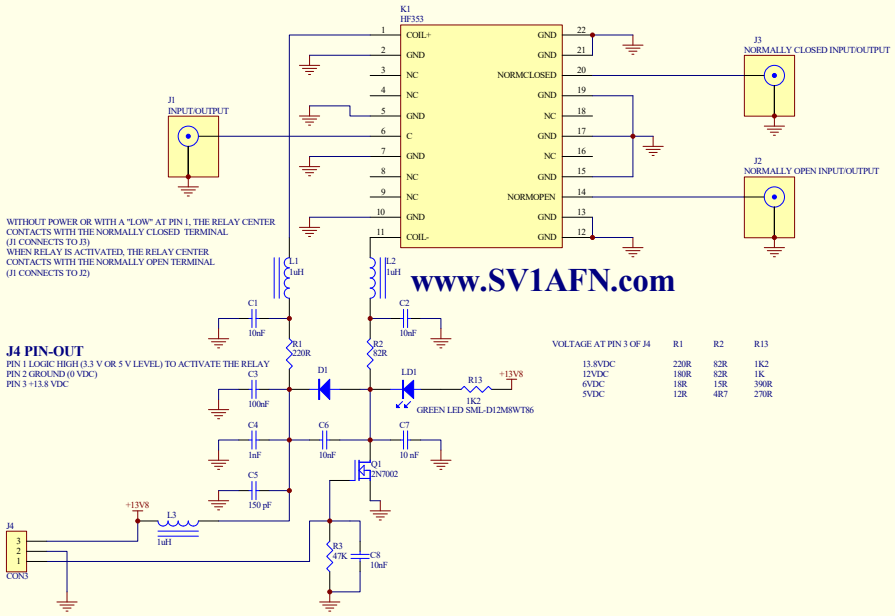
K1
HF353
COIL+
GND
NC
NC
GND
C
GND
NC
NC
GND
COIL-
GND
GND
NORMCLOSED
GND
NC
GND
NC
GND
NORMOPEN
GND
GND
J1
INPUT/OUTPUT
J3
NORMALLY CLOSED INPUT/OUTPUT
J2
NORMALLY OPEN INPUT/OUTPUT
WITHOUT POWER OR WITH A "LOW" AT PIN 1, THE RELAY CENTER CONTACTS WITH THE NORMALLY CLOSED TERMINAL (J1 CONNECTS TO J3)
WHEN RELAY IS ACTIVATED, THE RELAY CENTER CONTACTS WITH THE NORMALLY OPEN TERMINAL (J1 CONNECTS TO J2)
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J4 PIN-OUT
PIN 1 LOGIC HIGH (3.3 V OR 5 V LEVEL) TO ACTIVATE THE RELAY
PIN 2 GROUND (0 VDC)
PIN 3 +13.8 VDC
VOLTAGE AT PIN 3 OF J4 R1 R2 R13
13.8VDC 220R 82R 1K2
12VDC 180R 82R 1K
6VDC 18R 15R 390R
5VDC 12R 4R7 270R
L1 1uH
L2 1uH
C1 10nF
C2 10nF
R1 220R
R2 82R
C3 100nF
D1
LD1
R13 1K2
+13V8
GREEN LED SML-D12M8WT86
C4 1nF
C6 10nF
C7 10 nF
Q1 2N7002
C5 150 pF
+13V8
L3 1uH
J4
CON3
R3 47K
C8 10nF