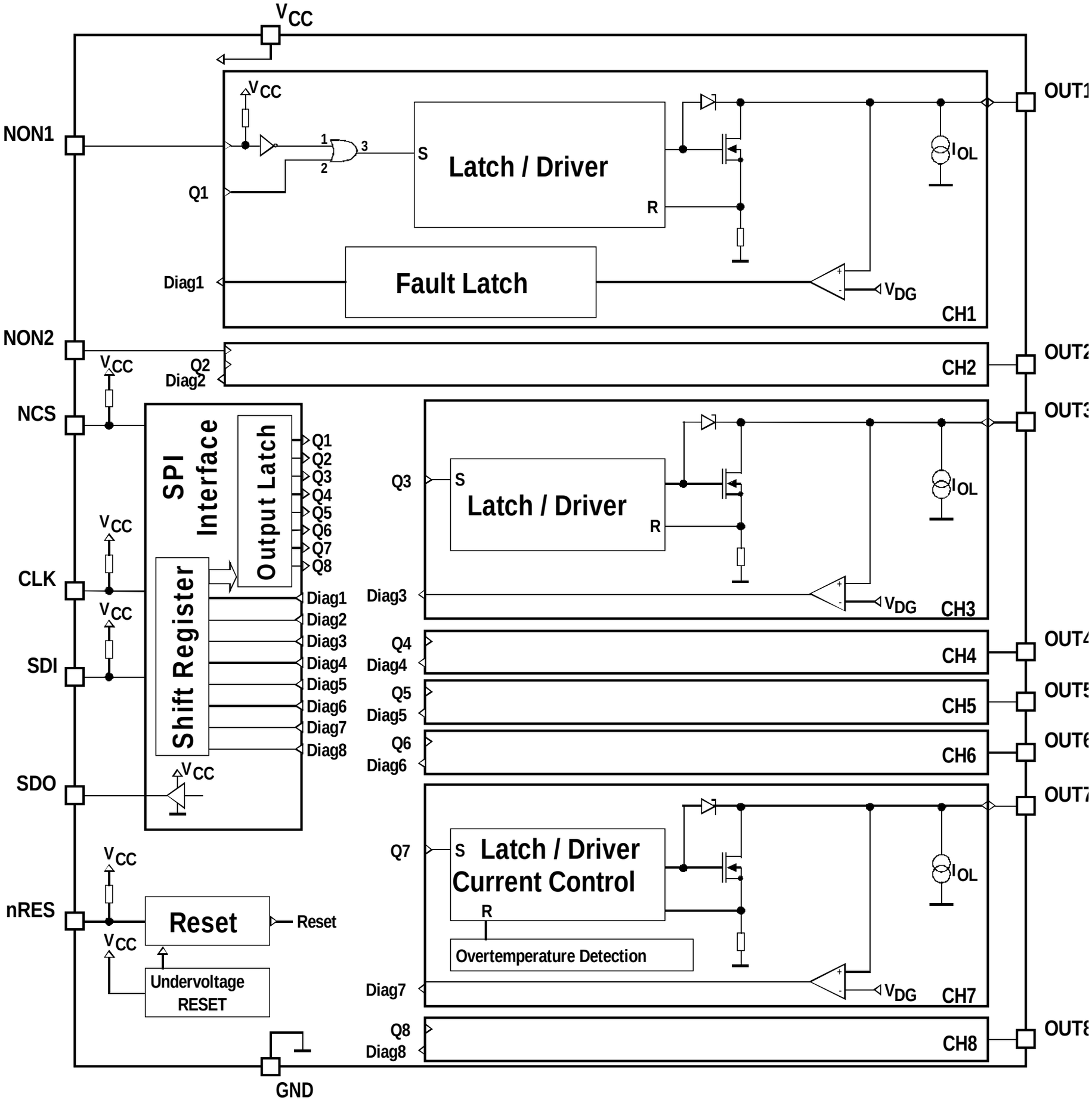
VCC
NON1
Q1
Diag1
S
Latch / Driver
R
Fault Latch
IOL
VDG
CH1
OUT1
NON2
Q2
Diag2
CH2
OUT2
NCS
SPI Interface
Output Latch
Shift Register
Q1
Q2
Q3
Q4
Q5
Q6
Q7
Q8
Diag1
Diag2
Diag3
Diag4
Diag5
Diag6
Diag7
Diag8
CLK
SDI
SDO
Q3
Diag3
CH3
OUT3
Q4
Diag4
CH4
OUT4
Q5
Diag5
CH5
OUT5
Q6
Diag6
CH6
OUT6
Q7
Latch / Driver
Current Control
Overtemperature Detection
Diag7
CH7
OUT7
Q8
Diag8
CH8
OUT8
nRES
Reset
Undervoltage RESET
GND