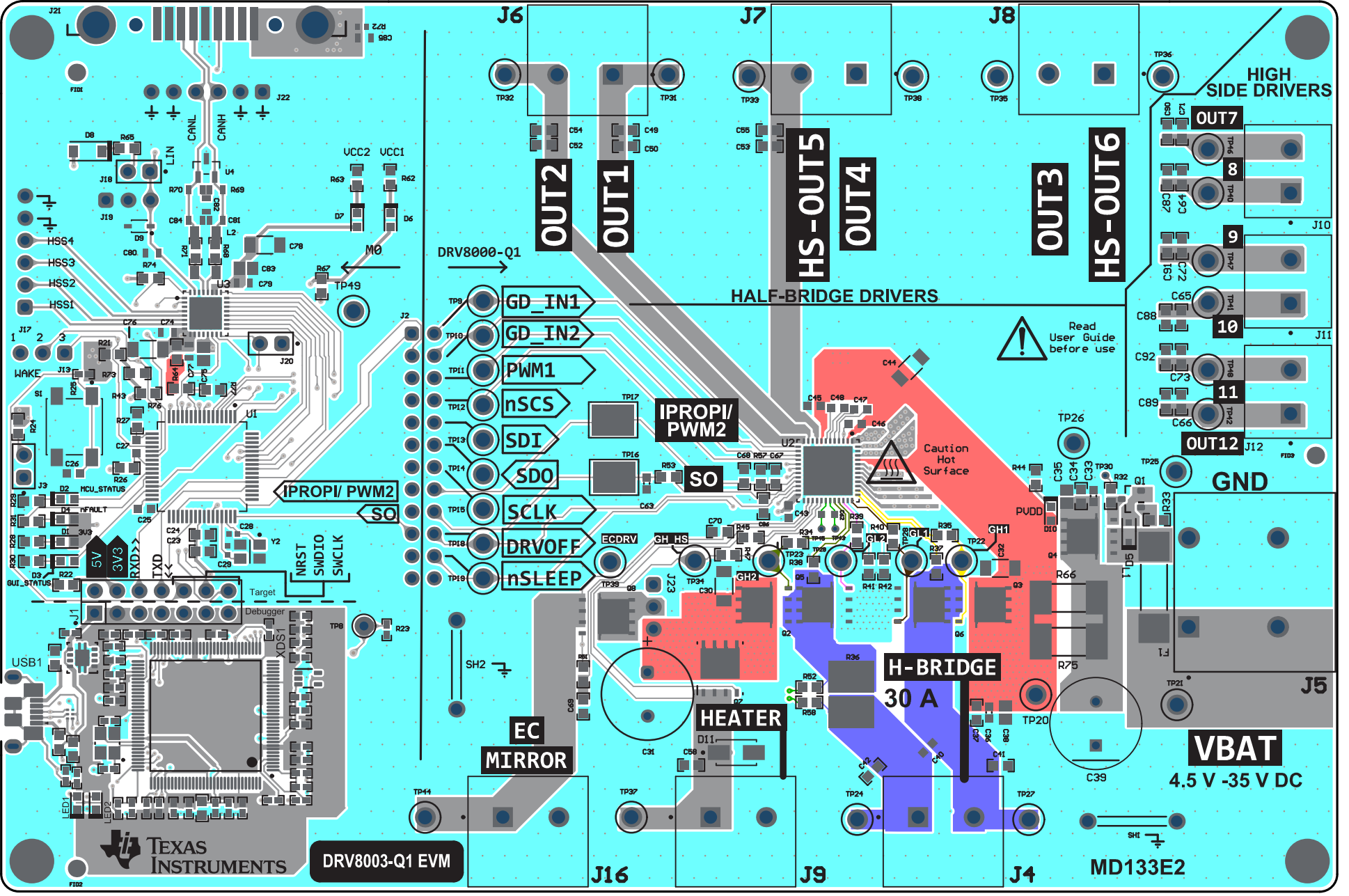
J6
J7
J8
OUT2
OUT1
HS-OUT5
OUT4
OUT3
HS-OUT6
HIGH SIDE DRIVERS
OUT7
8
9
10
11
OUT12
J10
J11
J12
HALF-BRIDGE DRIVERS
DRV8000-Q1
GD_IN1
GD_IN2
PWM1
nSCS
SDI
SDO
SCLK
DRVOFF
nSLEEP
IPROPI/ PWM2
SO
IPROPI/ PWM2
SO
Read User Guide before use
Caution Hot Surface
GND
J5
VBAT
4.5 V -35 V DC
H-BRIDGE
30 A
HEATER
EC MIRROR
J16
J9
J4
MD133E2
DRV8003-Q1 EVM
TEXAS INSTRUMENTS
USB1
Target
Debugger
XDS1
HSS4
HSS3
HSS2
HSS1
WAKE
CANL
CANH
LIN
VCC2
VCC1
M0
NRST
SWDIO
SWCLK
TXD
RXD
5V
3V3
PVDD
GH1
GL1
GH2
GL2
GH_HS
ECDRV

Top Overlay