

CONFIDENTIAL

Alternatives U1
LM 25117

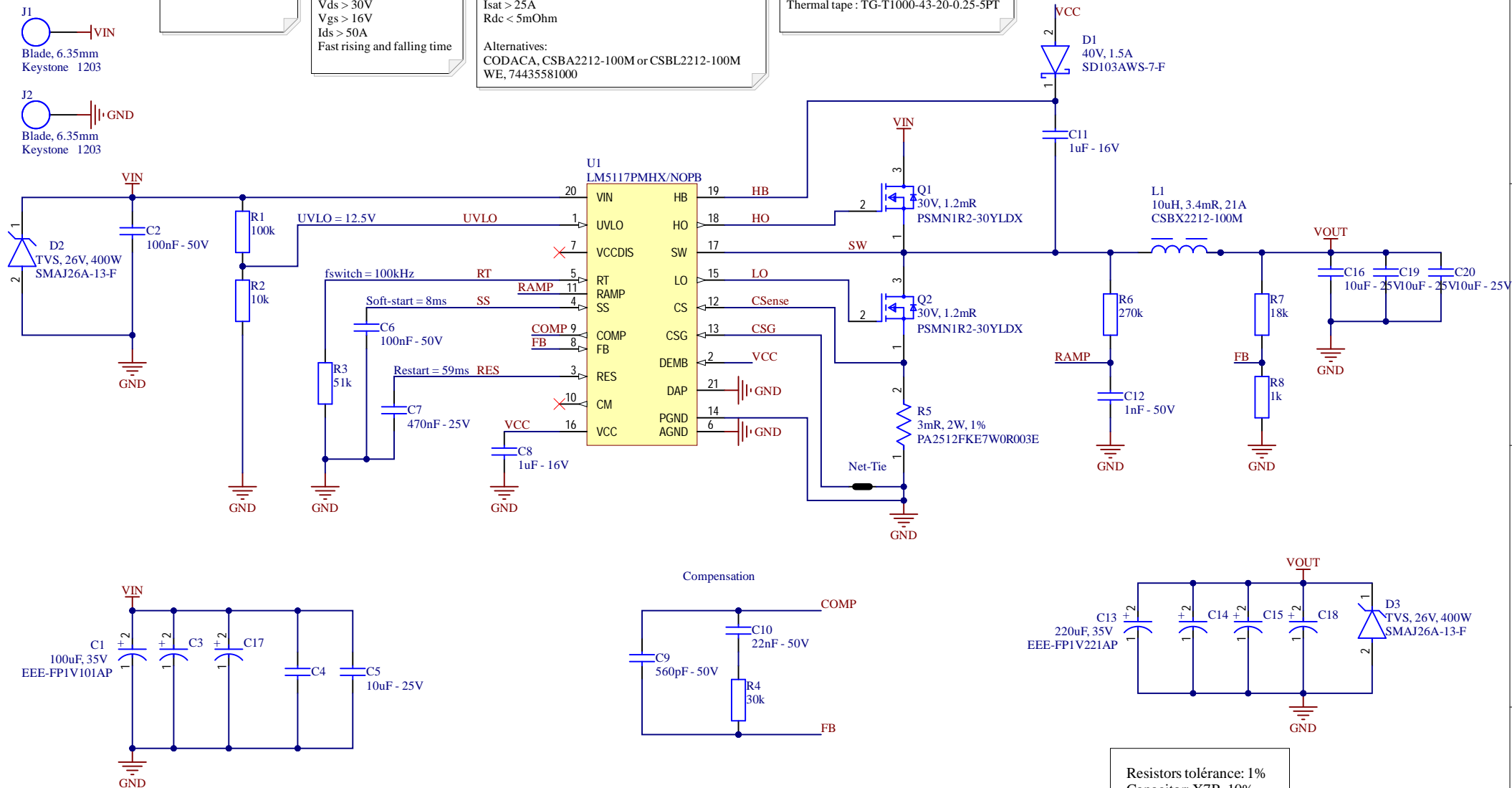
Mosfet N:
 $R_{ds(on)} < 2m\Omega$
 $V_{ds} > 30V$
 $V_{gs} > 16V$
 $I_{ds} > 50A$
 Fast rising and falling time

Inductor:
 $I_{nom} > 20A$
 $I_{sat} > 25A$
 $R_{dc} < 5m\Omega$

Alternatives:
CODACA, CSBA2212-100M or CSBL2212-100M
WE, 74435581000

Heatsink on bottom: Ansmann, V5619B

Thermal tape : TG-T1000-43-20-0.25-5PT



Resistors tolérance: 1%
Capacitor: X7R, 10%



Reference No: HW-2509-001 BoschAdapter
Revision: 1
Drawn by: LSR
Date: 18.09.2025
File: HW-2509-001 BoschAdapter.SchDoc
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