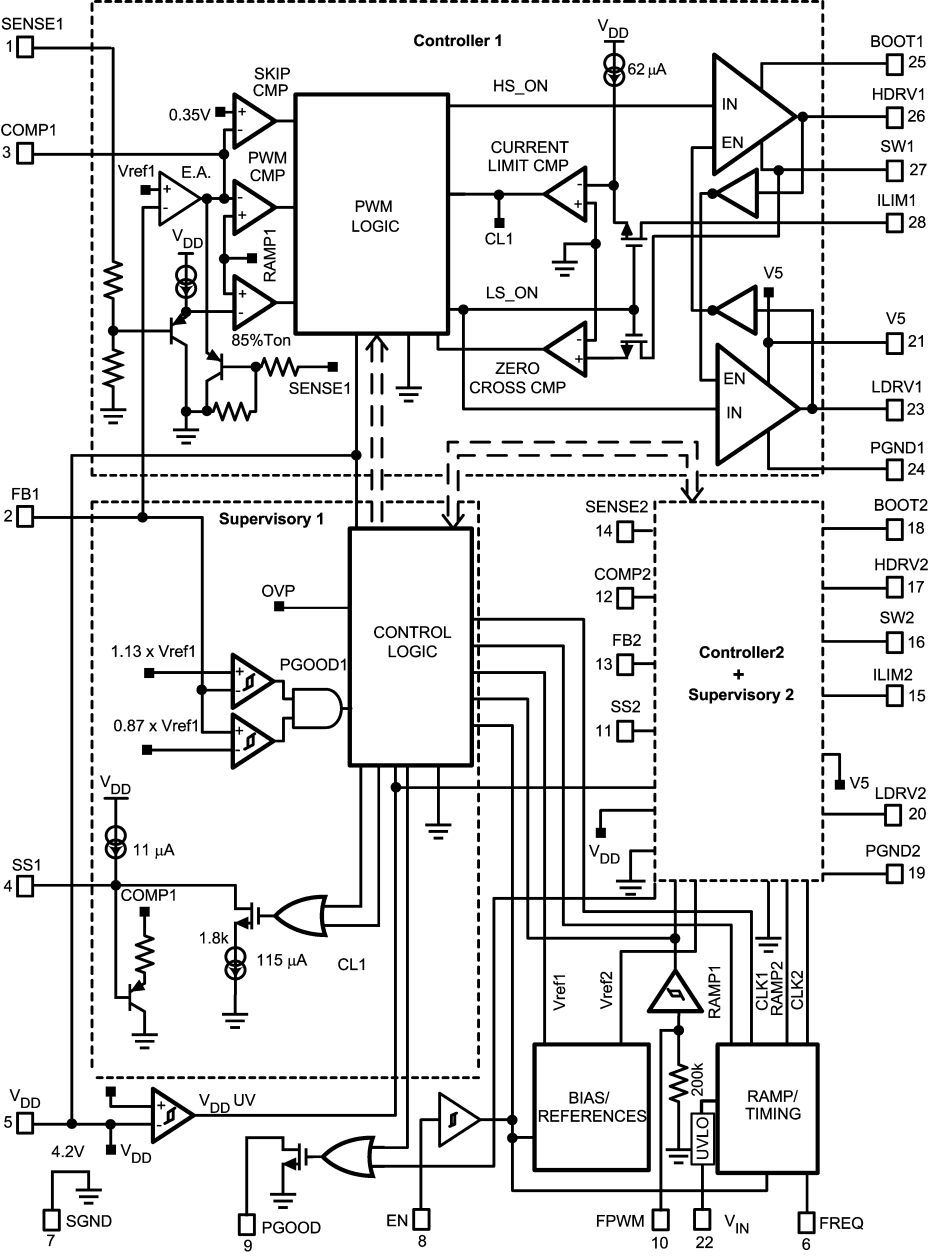
Controller 1
SENSE1
1
COMP1
3
SKIP CMP
0.35V
PWM CMP
Vref1
E.A.
RAMP1
85%Ton
SENSE1
PWM LOGIC
HS_ON
LS_ON
CURRENT LIMIT CMP
CL1
ZERO CROSS CMP
VDD
62 µA
IN
EN
V5
BOOT1
25
HDRV1
26
SW1
27
ILIM1
28
V5
21
LDRV1
23
PGND1
24
FB1
2
Supervisory 1
OVP
CONTROL LOGIC
1.13 x Vref1
0.87 x Vref1
PGOOD1
VDD
11 µA
SS1
4
COMP1
1.8k
115 µA
CL1
VDD
5
VDD UV
4.2V
VDD
SGND
7
PGOOD
9
EN
8
SENSE2
14
COMP2
12
FB2
13
SS2
11
Controller2 + Supervisory 2
BOOT2
18
HDRV2
17
SW2
16
ILIM2
15
V5
LDRV2
20
PGND2
19
Vref1
Vref2
RAMP1
CLK1
RAMP2
CLK2
BIAS/ REFERENCES
200k
UVLO
RAMP/ TIMING
FPWM
10
22
VIN
FREQ
6