R1
1

R2
50k

D1 D2

D4 D3

V1

C1
22u

L3
430u

D5

D6

C6
8.2u

R3
6.3k

C7
5n

C4
200n

R4
25k

R5
2.5k

R6
100k

C8
1u

C2
470p

VCC 7

VFB 2

COMP 1

ISENSE 3

RT/CT 4

GND 5

VREF 8 U1

OUT 6

SG1844

C3
100n

R8
1k

C5
1n

L1
0.083

D7

R9
5.1

R7
1k

M1

IRF840

R10
1k

R11
2

D8

L2
270u

C9
24u

R12
18

0

K K2
K_Linear
COUPLING=0.98
 L1
 L2
 L3

0

Dbreak   Dbreak Dbreak   Dbreak

Dbreak   Dbreak Dbreak   Dbreak