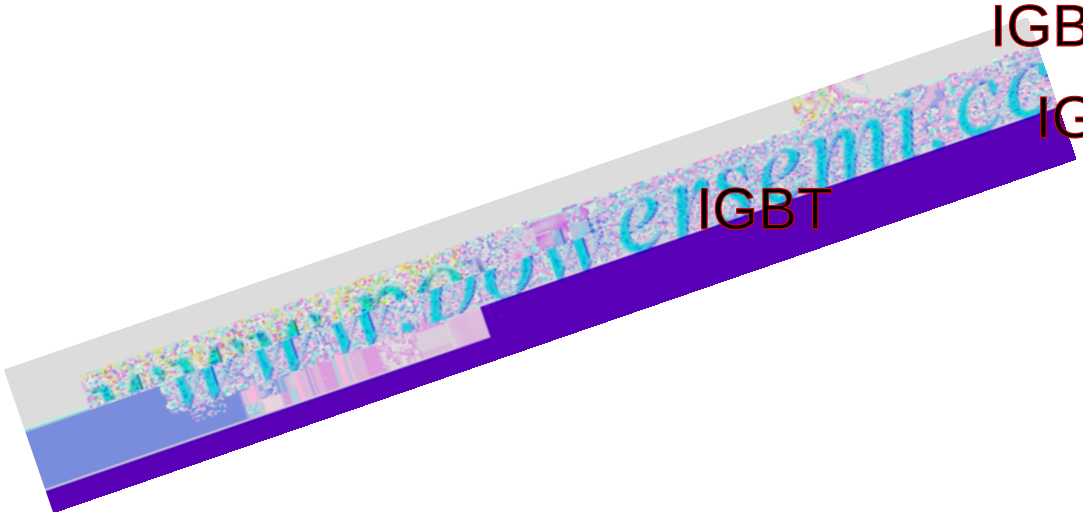
IGBT

IGBT

IGBT

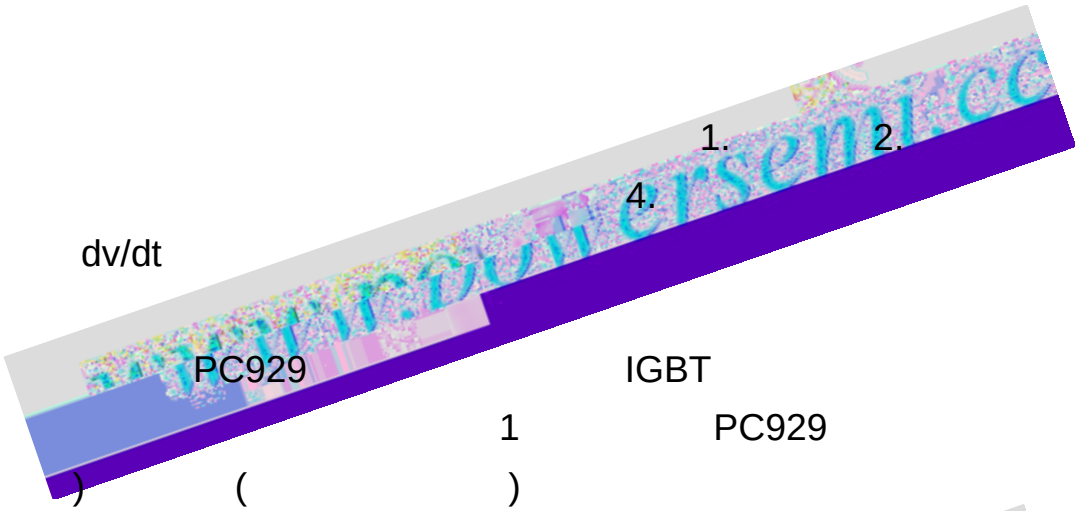
PC929



1. 2.

3. 4. 5.

dv/dt



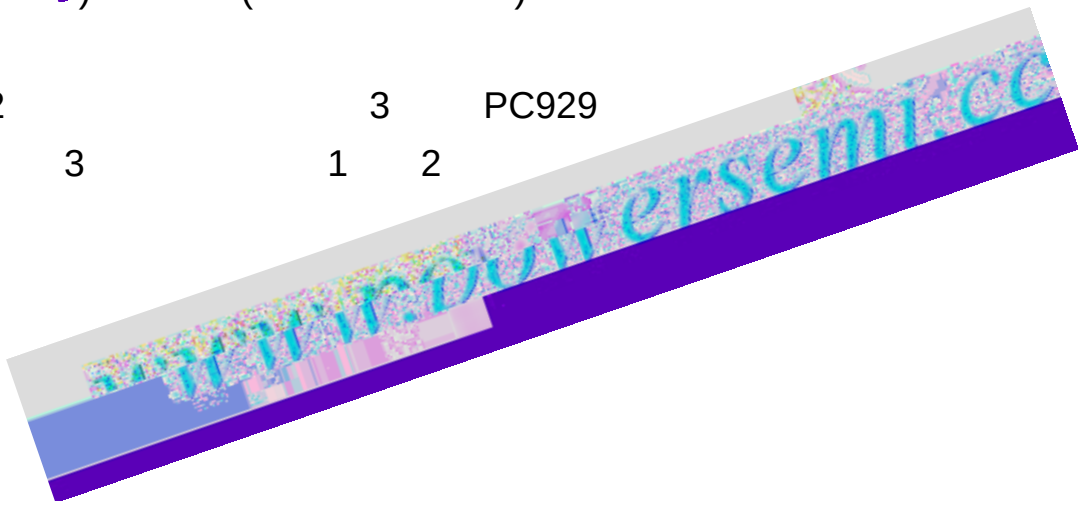
PC929 IGBT

1 PC929

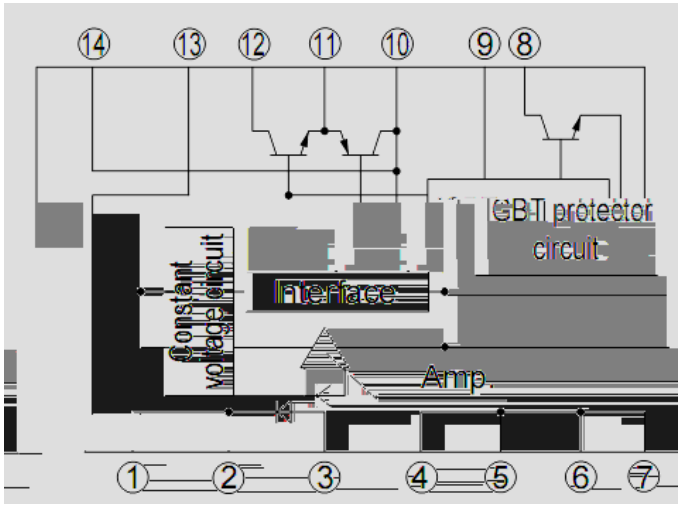
( ) ( )

1 2 3 PC929

3 1 2



PC929



1 PC929

PC929

DIP14 1 2 3

4 5 6 7

8 IGBT

8 8 CPU

CPU 8

CPU

PC929

9 IGBT IGBT

10 14

11 IGBT 10 14

PC929 IGBT

PC929 12 13

PC929 11

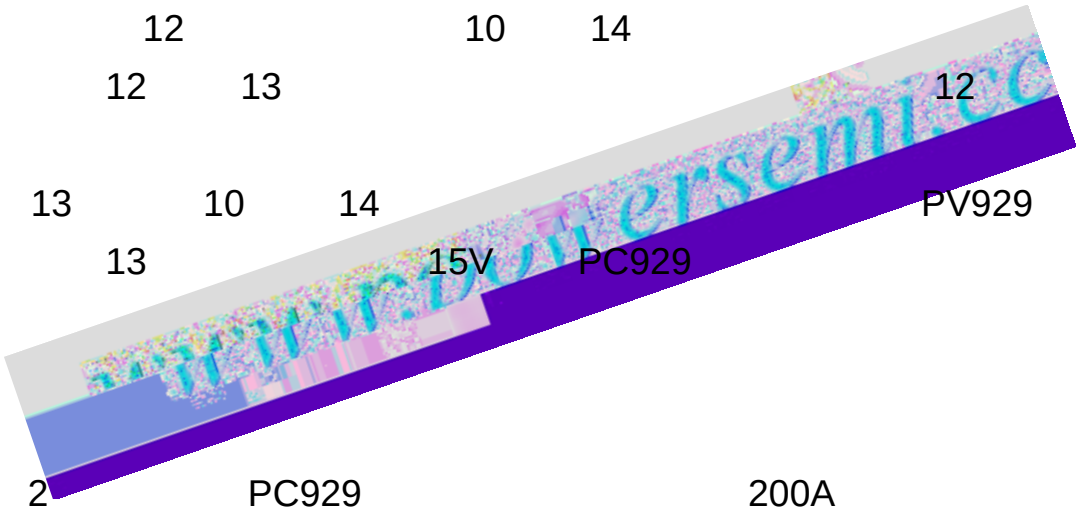
12 10 14

12 13 12

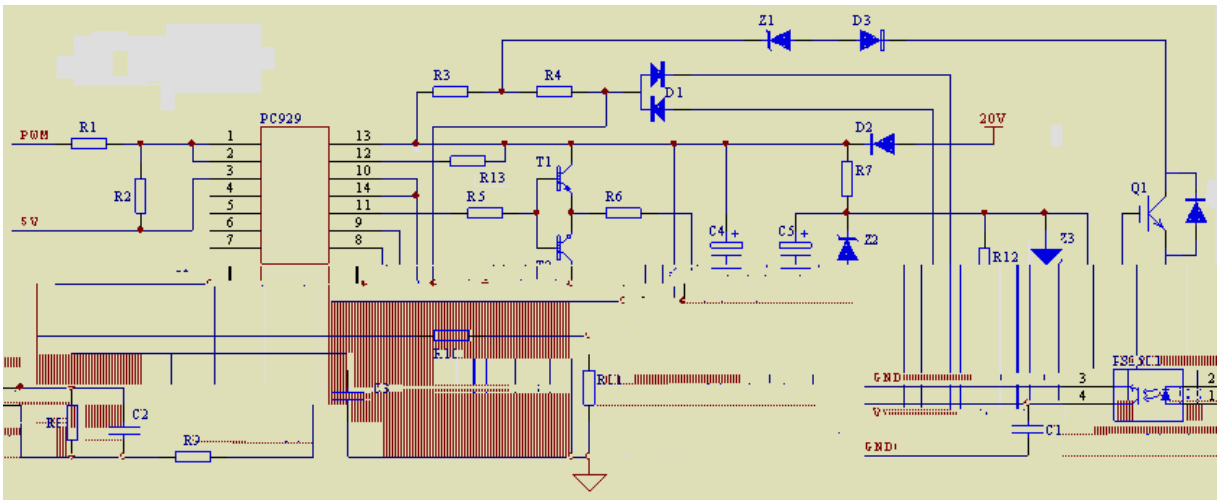
13 10 14 PV929

13 15V PC929

11



2 PC929 200A X



2 PC929

PWM PC929 3

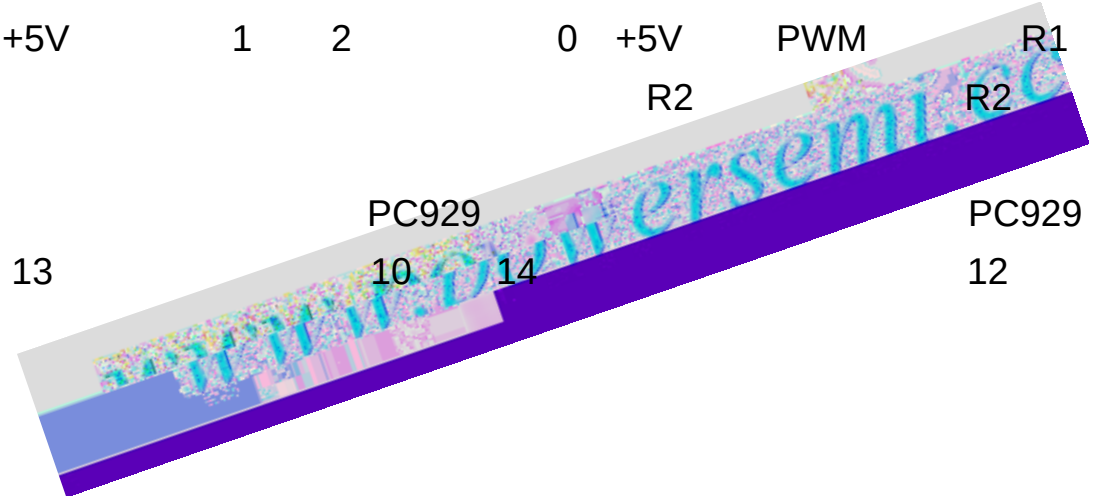
+5V 1 2 0 +5V PWM R1

R2 R2

R1

R2 PC929 PC929 12

13 10 14 12 13



T1 T2 R6

Z2 IGBT

IGBT IGBT

Z2

IGBT -5 -15V X

R6 R6'

D4

PWM PC929

11

T1 T2 E R6 IGBT

PWM 11

T1 T2 E

IGBT

Rg

PC929 9 IGBT 9

R3 R4 R10 R11 D1 D3 Z1 C3

Vce

R3 IGBT IGBT

R4 C3

R10

9 R11 C3 RC

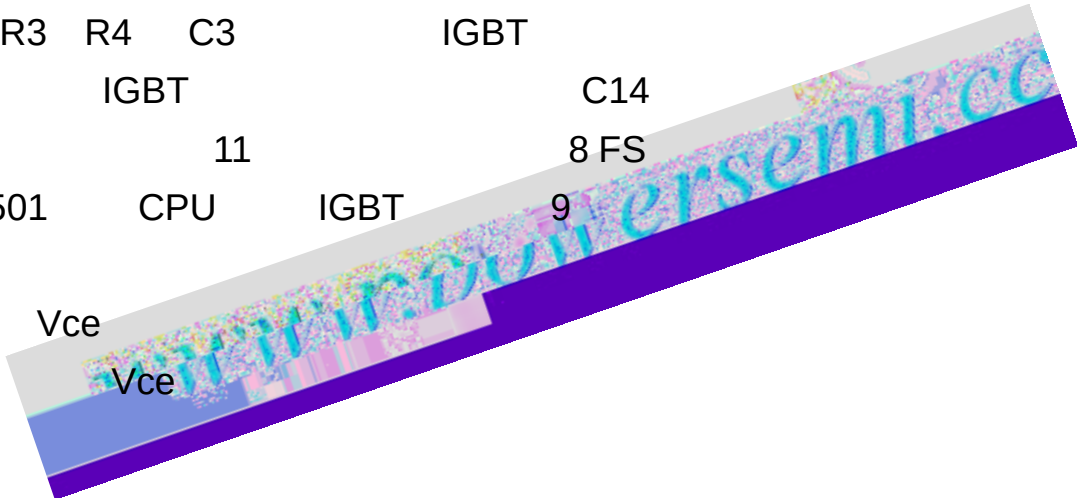
D1 9 9 Z1

PC929 8

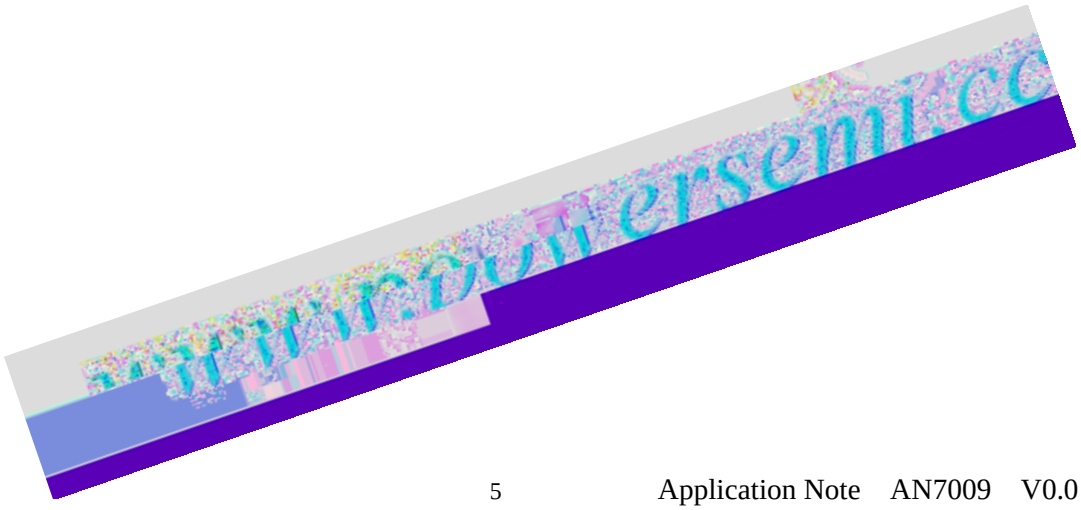
PS2501 PC929

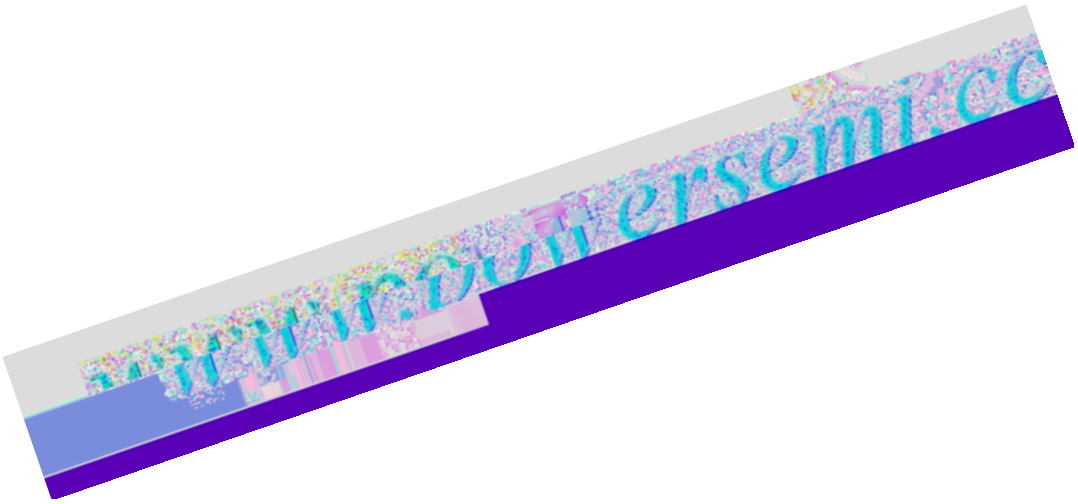
5000 CPU

IGBT 9 IGBT Vcc
R3 R4 C3 IGBT
IGBT C14 9
11 8 FS
PS2501 CPU IGBT 9 IGBT



Vce
Vce

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