EMICONDUCTOR LTD.

2010—09—23

IGBT

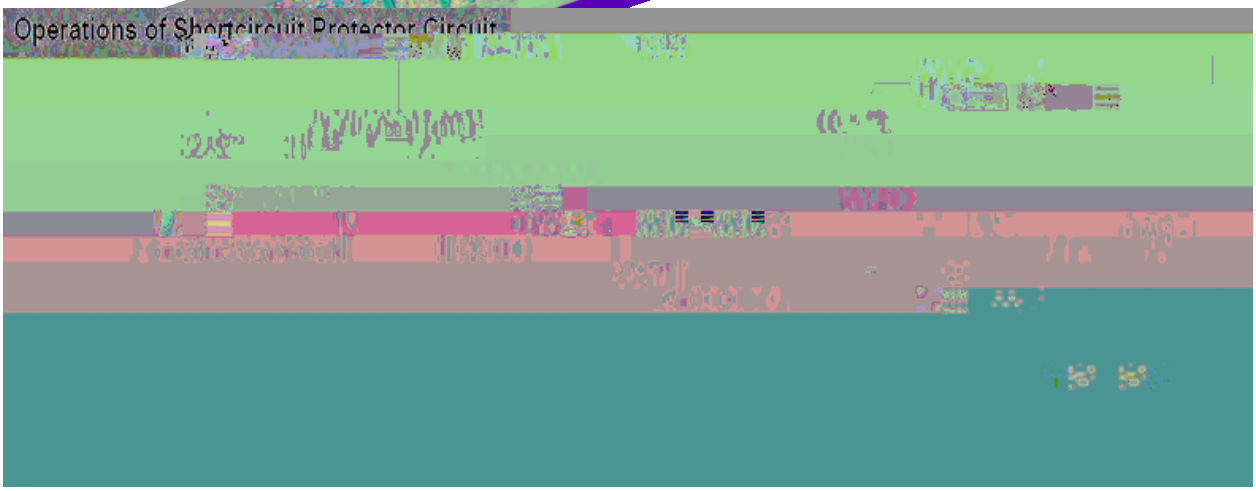
1 IGBT 9 C ¢

2 IGBT Vcc Rc Cp +7V O2

FS CPU FS Cp

Rc Cp ¢

3 IGBT C IGBT ¢



3

PC929

IGBT ¢

PC929 IGBT ¢

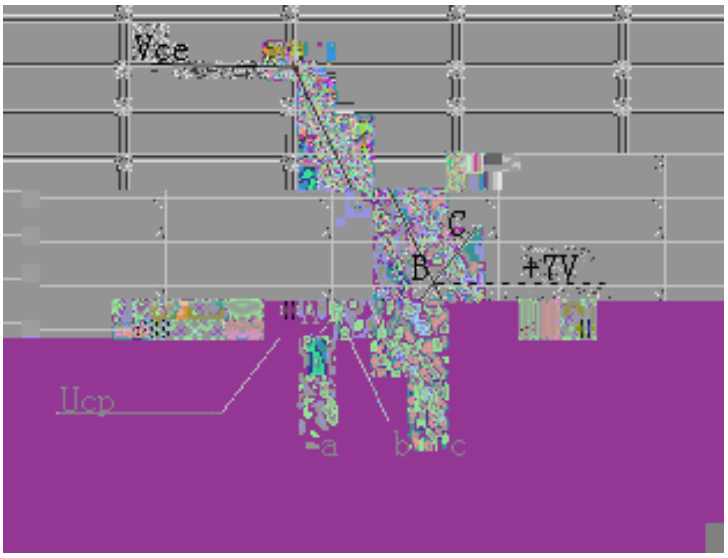
Vce(sat) IGBT +7V

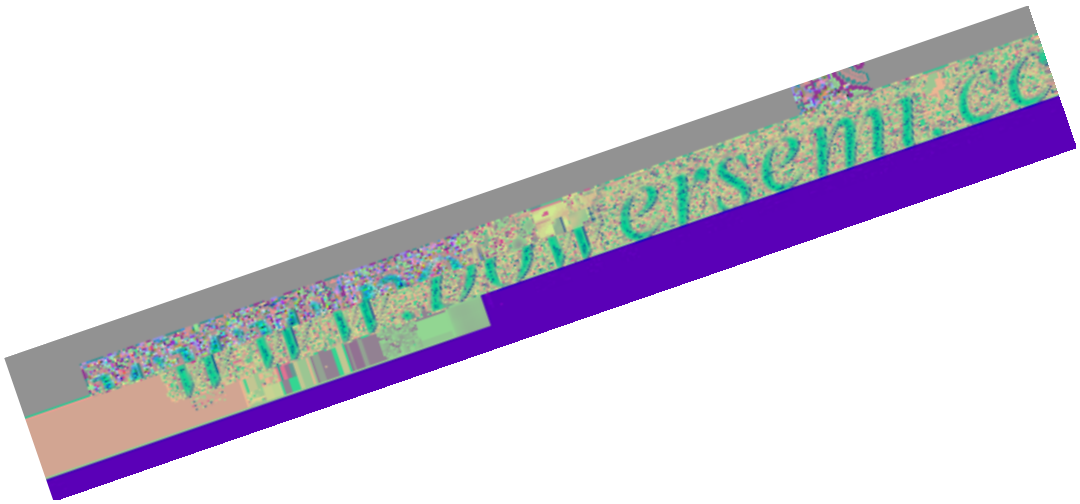
¢+7V Ic

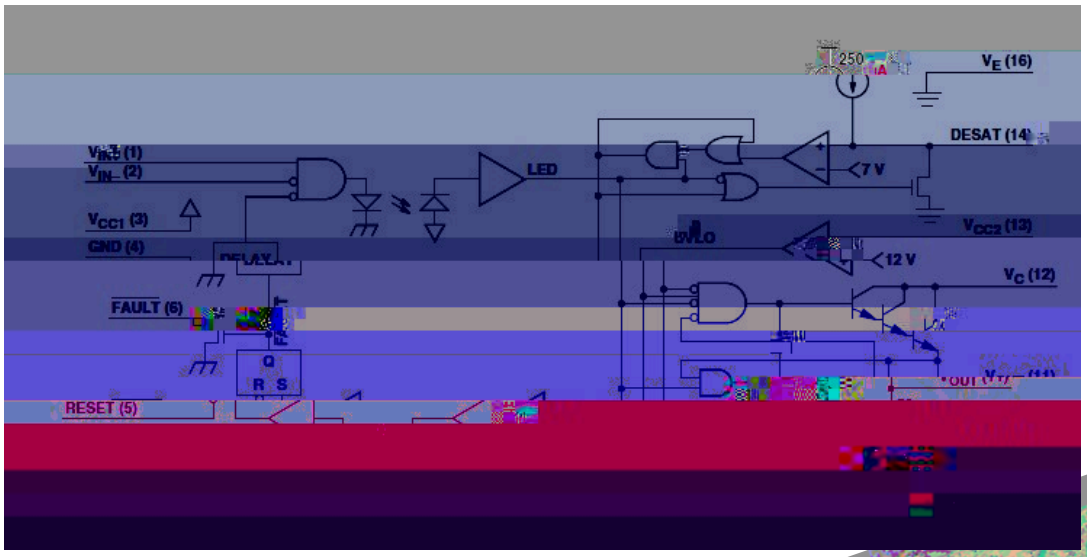
1V

¢

IGBT IGBT Vce


Vce
C
B
+7V
Ucp
a
b
c





5

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M57959 M57962 Ļ

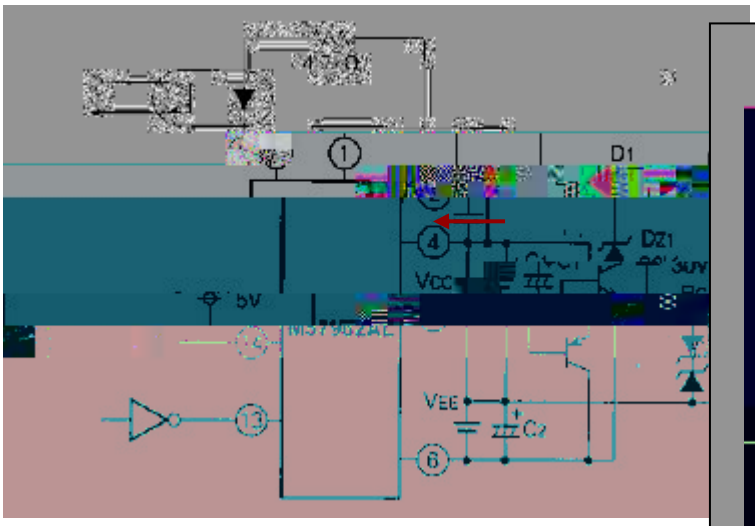
PC929 316J

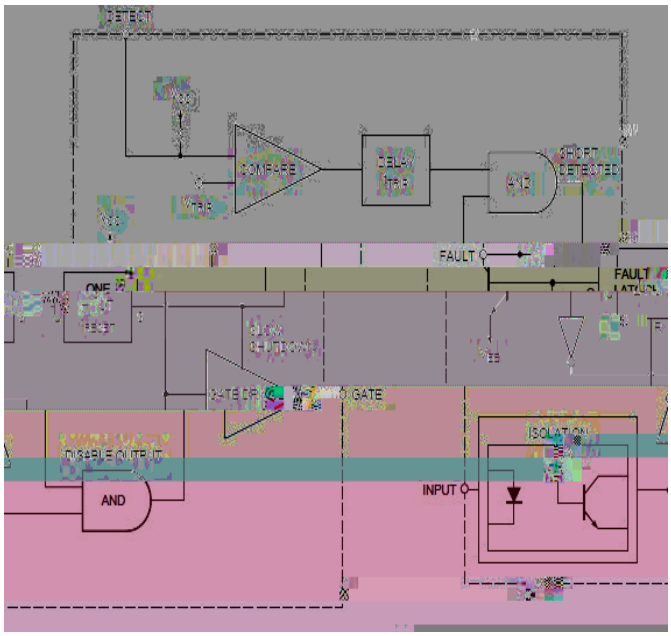
¢ ئ ¢



M57962 IGBT Vcc

Vtrip


D1
DZ1
Vcc
5V
VEE
C2


DETECT
COMPARE
DELAY TRIP
AND
SHORT DETECTED
FAULT
FAULT LATCH
ONE
GATE
DISABLE OUTPUT
AND
ISOLATION
INPUT



6

¢ ´

¢ ک Vce



8

