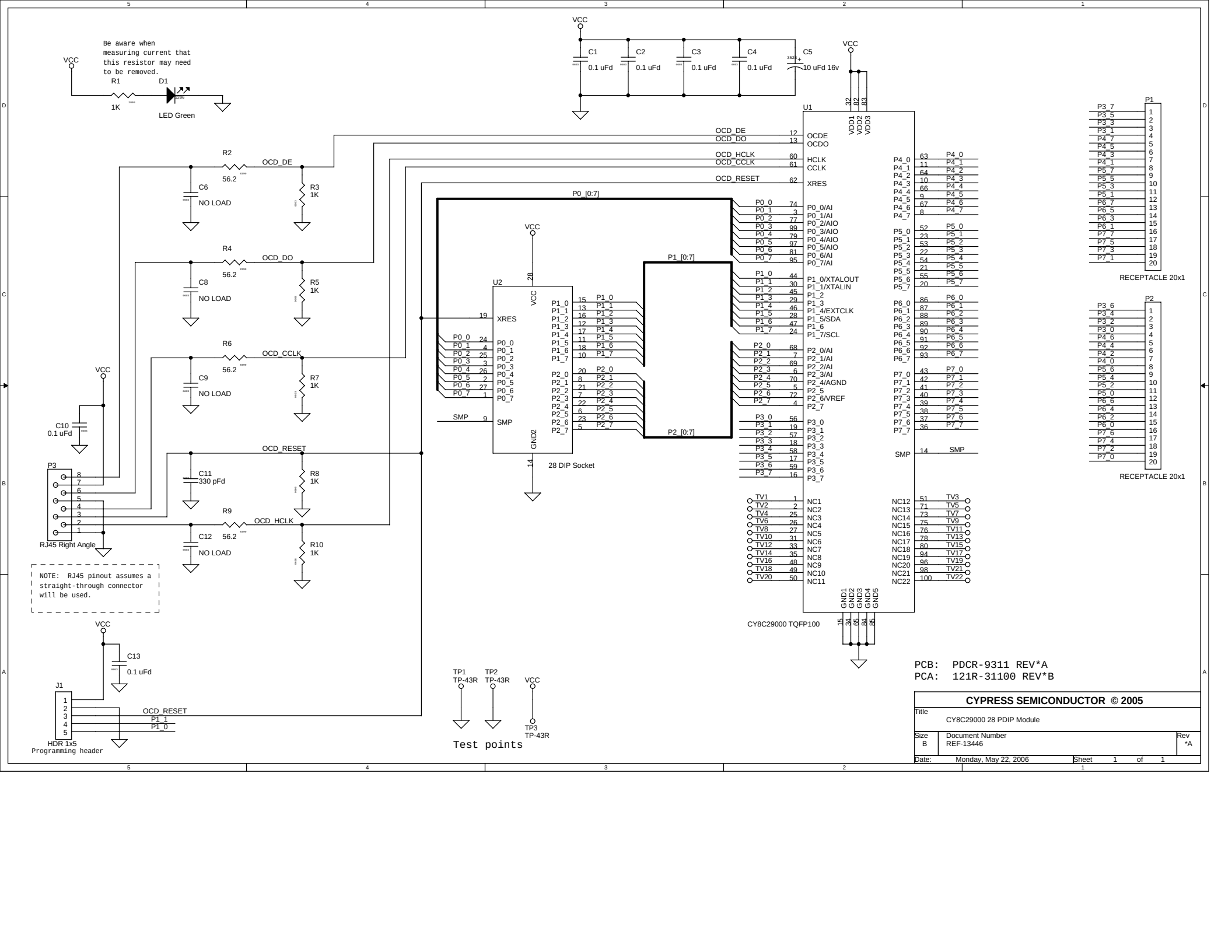

Be aware when measuring current that this resistor may need to be removed.
R1
1K
D1
LED Green
VCC
C1 0.1 uFd
C2 0.1 uFd
C3 0.1 uFd
C4 0.1 uFd
C5 10 uFd 16v
U1
CY8C29000 TQFP100
P1
RECEPTACLE 20x1
P2
RECEPTACLE 20x1
U2
28 DIP Socket
P0_[0:7]
P1_[0:7]
P2_[0:7]
R2 56.2
R3 1K
R4 56.2
R5 1K
R6 56.2
R7 1K
R8 1K
R9 56.2
R10 1K
C6 NO LOAD
C8 NO LOAD
C9 NO LOAD
C10 0.1 uFd
C11 330 pFd
C12 56.2 NO LOAD
C13 0.1 uFd
OCD_DE
OCD_DO
OCD_HCLK
OCD_CCLK
OCD_RESET
P3
RJ45 Right Angle
NOTE: RJ45 pinout assumes a straight-through connector will be used.
J1
HDR 1x5
Programming header
TP1 TP-43R
TP2 TP-43R
TP3 TP-43R
Test points
PCB: PDCR-9311 REV*A
PCA: 121R-31100 REV*B
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Title
CY8C29000 28 PDIP Module
Size B
Document Number REF-13446
Rev *A
Date: Monday, May 22, 2006
Sheet 1 of 1