



\*C\* marks collector pin. Solid outline for EBC pinout (2N4401/03). Dashed outline for CBE (BC550/60).

ASSY# R10 C2 R11 R28  
SWOPA\_Post2885  
(Variant) -  
REV  
P1 Q2 Q4 TP1  
P2 R2  
P3 R1 Q6  
Q1 Q3 R7 R3 Q13  
SWOPA R6  
Discrete  
Opamp Q15

D1  
Q8 Q9 Q12 Q11 Q10  
Q5 Q7 Q12 Q11 Q10  
Q13 Q4 Q16 R19 R13  
R15 TP2 R14 C3

R9 R16 R21 R29 R18  
R25 R24  
R22 R26  
R17 R27  
R20 FB1  
R23 FB2

C4 C22 C23 C5  
Q25 Q26  
P10 P5 P4  
D2 D3  
J1 J2 J3  
J1 J2 J3

V++ +Ret Comp Gnd Out -Ret V--

CUT TRACE #1 FB1 INSTALLED  
CUT TRACE #2 FB2 INSTALLED

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Use Permitted

diyaudio.com/forums/analog-line-level/218373-discrete-opamp-open-design.html

Title SWOPA DISC OPAMP THD(1) PWB			
Size 8.5x14	Number SWOPA2885PWB1		Rev A
Date Fri Apr 26, 2013	Drawn by D. Chisholm		
File SWOPA_Post2885PWB_A.pcb	Sheet of		