
= C4) PVT d QTab U a_aTeXdb aTeXX b Ph SXTaUa _PVT d QTab X dWT RdæT ceTdbX
ATeXX)2dbc TaBP _T
ATeXX)D_SPcT 34E&4 A34A &5 A<0C8 =

SCT CONFIDENTIAL

eTa _TaPcXVdIT P~~X~~cT _TaPdaiP VT d Tbb dVt~~f~~ X~~T~~ cTS

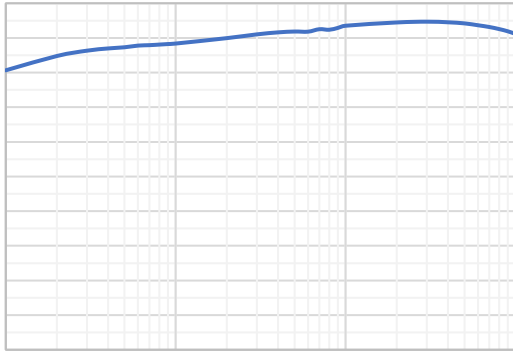
E 8	8_dce dPVT dP VT			E
E _{DC}	dc_dce dPVT dP VT			E
C ₉	_TaPcXVd RbX cT _TaPdaiP			2

E _{4B3}	7d P 1 Sh < ST 71 < _Ta0=B894342 9B b TR X R P cX P _Xb			ZE
	2VPa/TS 3TeRT < ST 23 < _Ta0=B894342 9B b TR X R P cX P _Xb			ZE

- (1) 94342 S Rd T c94 bPcTb dVpc E 71 < P f b bPU P dUPRdaXVf XWP bdP SPaS 4B3 R ca _a RTbb
 (2) 94342 S Rd T c94 &bPcTb dVpc E 23 < P f b bPU P dUPRdaXVf XWP bdP SPaS 4B3 R ca _a RTbb

A ₉₀	9d RbX c P QX cdVta P aTbXcP RT	(	2 F
9C	9d RbX c c _RVPaPRcTaKPCX _PaP TcTa		
91	9d RbX c Q PaSRVPaPRcTaKPCX _PaP TcTa	&	
A _{92c}	9d RbX c RpbT dVta P aTbXcP RT	& ((	
A ₉₁	9d RbX c Q PaS dVta P aTbXcP RT	(	

B2C_a eXStb A₉₀ P S A₉₂ d QTd h Pb aTUt RT c TbcX PcTYd RbX cT _TaPdaiP UdVt SteX~~T~~b A₉₀ P S A₉₂ PaT cP
 RVPaPRcTaKcR U PRZPVt XbTUQdc U P h dVtabhbcT TeT RVPaPRcTaKcR b dRVPb dVt StbX/ P S Ph dc UdVt aXcTSR~~X~~dX
 Q PaS 21 f V~~R~~WdVt B2C 0 & X d cTS dVta P PSbXT P STgcTa P T eX T d UPrc dVt 21 Q PaS X P WTPcbXZ
 dVpcXb STaTSc dVt TPSb P S dVta P PS UdVt B2C 0 & 2VP VXV dVt StbX/ aR UXdacX UdVt 21 Q PaSRVP VTb dVt
 TUX~~X~~ Rh UdVt WTPcbXZP S dVtaU aT dVt PRdP A₉₀ P S A₉₂



5XdaT 4WXT Rh eb PS 2daaT c E dq E

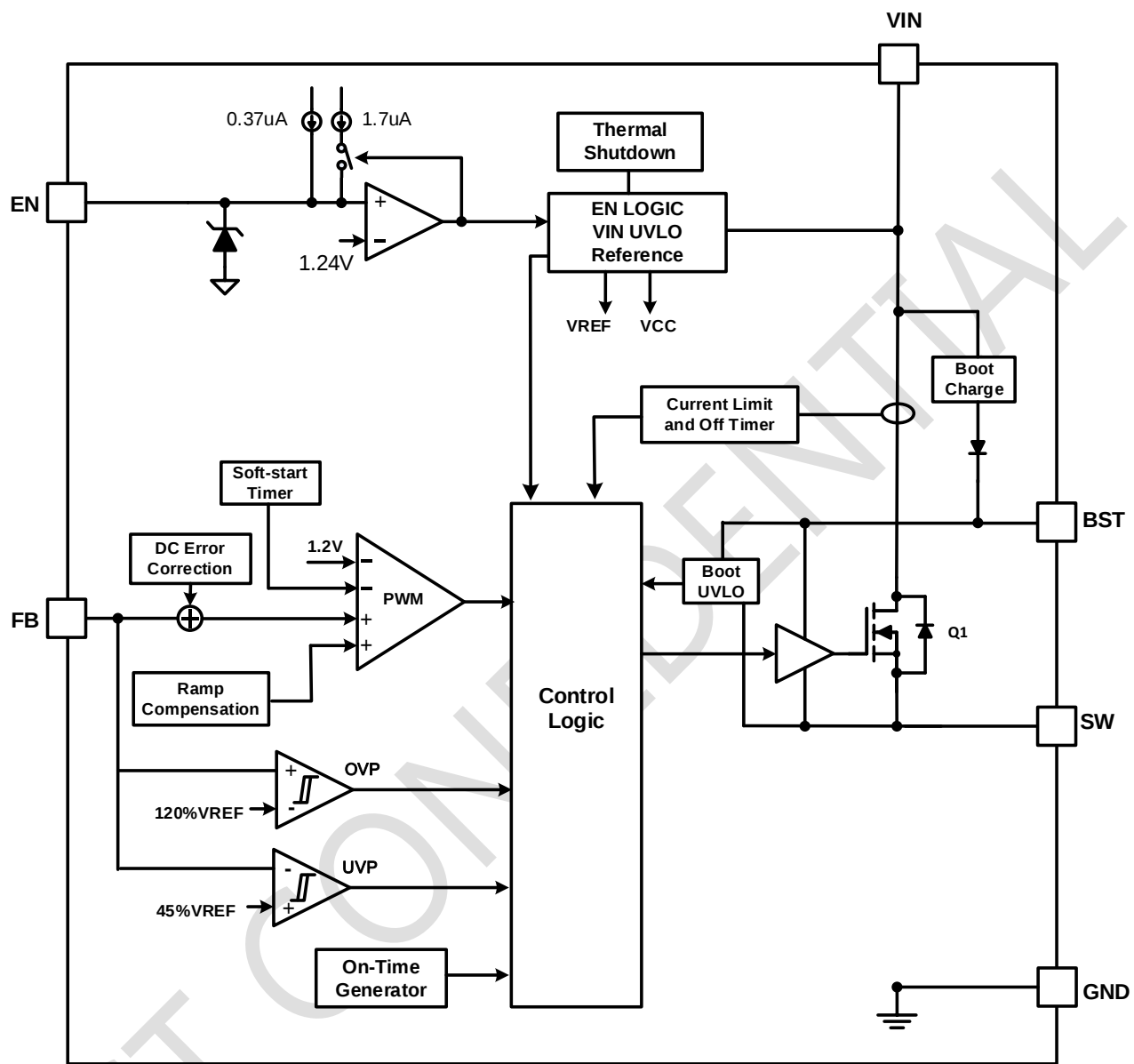
5XdaT 4WXT Rh eb PS 2daaT c E dq E

5XdaT PS ATVdPcX EX, E E dq E

5XdaT PS ATVdPcX EX, E E dq E

5XdaT % XT ATVdPcX 8 dq 0

5XdaT & Bf XWV5aT dT Rh eb EX E dq E



5XdaT 5d Rcx P 1 RZ3RVdP

CWT B2C 0 & aTVdPcTb dWT XcTa P aUaT RT e dPVT Pc E CWT dc_dce dPVT XbTcQh P aTbXc aSXXSTaLh
dWT dc_dc STc dWT 51_X &XaTR T STSc dbT c TaP RT aQTaTaaTbXc db DbT 4 dPcX c RP RdPcT
aTbXcP RT UaTbXc aSXXSTaC X_a eT TWRX Rh Pc XWt PSb Pa/TaeP dT aTbXc db PaT aTR T STS 7 f TeTa
XdWT eP dTb PaT c VWWdWT aTVdPc af XQT aT bdbRT_cQT c XT PWTXV dc_dce dPVT PRRdaPRh

f WTaT

- A51NC X dWT aTbXc aR TRcXVdWT dc_dcc dWT 51_X
- A51N1 c X dWT aTbXc aR TRcXVdWT 51_X c dWT Va d S

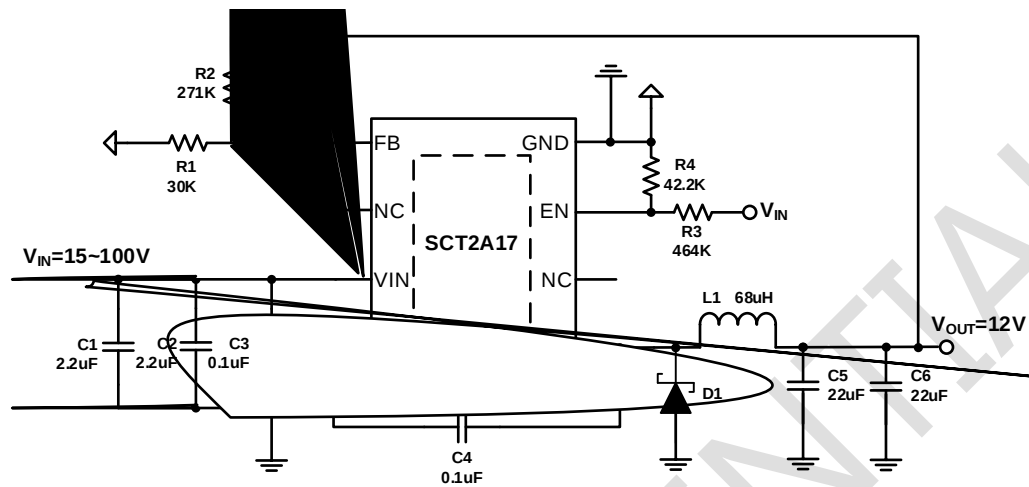
CWT B2C 0 & XcTVaPcTb P XcTa P b UbbPaRPaXc dPcP_b dWT aUaT RT e dPVT Lh iTa e dc E
aUaT RT e dPVT X b dWT 4=_X X_d TSQT f E bf XWKVbc_bP SdWT XcTa P b UbbPaTbTb
CWT b UbbPaPb aTbTb SdaXVbWtS f SdTc dWTa P eTa PSXV

0 TgcTa P Q dcaP_RP_PRX aQTd TT 1 C_X P SBF_X_f Ta dWT U PcXV VPcT SaXTac VWWbXT_f Ta
< B54C CWT Q dcaP_RP_PRX ae dPVT X RVPaTSLh P XcTVaPcTSe dPVT aTVdPc af WT VWWbXT_f Ta
< B54C X W

CWT

RdXR _PaTb dT 51 _Xe dPVT c dT XcTa P aUtat RT e dPVT F Wt 51 e dPVT TgRTTSb UXcTa P
E aUtat RT e dPVT dT WwWbST < B54Cda b Wc Pe S dc dce dPVT R cXdTc XRaTpbT F Wt dT 51
_Xe dPVT UP b QT f UdT E aUtat RT e dPVT dT WwWbST < B54CRP da PVPX

CWt B2C 0 & _a cTRb dT STeRT La dT SP PVT SdaXV TgRTbbST WPCP S_f TaSxbXPcX R SXX b RT
dT Yd RcX cT _TaPdaT TgRTTSb 2 dT XcTa P dTa P bT b abc _b _f Ta< B54Cb bf XRVKV F Wt dT
Yd RcX cT _TaPdaT UP b QT f 2 dT STeRT aTbPab f WXCta P b WbPac_VPbT



8_dcE dPVT	E = a P E c E
dc dcE dPVT	E
<PgX d dc dc2 daaT c	0
Bf XRVKV 5aT dT Rh	(: 7i
dc dce dPVT aX T TPZc TPZ	E
CaP bX cATb bT 0 c & 0 PSbcT	E dc, % E

CWT dc_dce dPVT X bTcQh P TgcTa P aTbXc aSXXSTa
A P S A X ch_XP P__XPcX bRVT PcR
ATR T STS A aTbXcP RT X : DbT 4 dPcX
c RPRd PcT A

Table 1. R₁, R₂Value for Common Output Voltage
(Room Temperature)

E	(:	:
E	& :	:
E	(:	:

f Wta)

- E_{A45} X dWT UTSPRZ aTUt RT e dPVT U E

0

CWT SXST dbcPb QT bT TRcTS f XWP P_a aRcT_f Ta dPcXV CWT SXST R SdRb dWT dc_dcRdaT cSdaXV
dWT WcX T UdWT XcTa P_f Tabf XRW CWT WcX T UdWT XcTa P bf XRWX P U R cX UdWT PgX d X_dc
e dPVT dWT dc_dce dPVT P S dWT bf XRWKV U dT Rh CWT dc_dcRdaT cSdaXV dWT WcX T X d cX XS Qh dWT
Uaf PaSe dPVT UdWT SXST c RPRdPcT dWT XbdP dP T db R SdRcX bbTb UdWT SXST 0c WWTafb XRWKV
U dT Rxb dWT PR bbTb UdWT SXST TTS c QT dPT Xc PRR d c CWT PR bbTb UdWT SXST Pat SdT c dWT
RVPaXVP SSWVPaXV UdWT Yd R cX RP PRX RTP SaTeTabTaR eTa RVPaVT 4 dPcX XdbTS c RPRdPcT
dWT c dP_f TaS XbXcX XRdSXVR SdRcX bbTb P SPR bbTb UdWT SXST

CWT BB 1 SXST VbP P Yd R cX RP_PRX RT U _5 DbXV 4 dPcX dWT c dP bb X dWT SXST Pc dWT
PgX d X_dce dPVT X F

UdWT_f Tabd_h b_T Sb P bX XWP cP d c UcX TPc XWt PS RdaT d aX b TT_ ST R bXTadbXVP
SXST f WWPb P f TPZPVT RdaT cP Sb XWth WWTaU f PaSe dPVT Sa _

CWT X_dcRdaT cc dWT bcT_S f 3232 R eTaTaX SXR cXd db dWTaU at XaT dXtb P RP_PRX ac bd_h dWT
02 RdaT cc dWT bcT_S f 3232 R eTaTaf WIT PXdPXXV dWT 32 X_dce dPVT DbT RP_PRX d f XW f 4BA
UaQTcTa TaJa P RT 2TaP XRP_PRX d f XWG A aG&A SX TRaRb Pat dbdP h bdVWTbcTS QTRPdbT UdWT X f
4BAP Sb P cT TaPdaR TWX d P S X X bca Vh aTR T STSc dbTP dWTa f TaePdTRP_PRX a TV
d5 f XWb P PRZPVT bXT % c UcTa WWTaU dT Rh bf XRWKV XT PRT dWT b P bXT RP_PRX aPb
R bTc E& P S6=3_Xb Pb _bbXT

CWT e dPVT dPcXV UdWT X_dc RP_PRX a dbcQT VaTPcTadVP dWT PgX d X_dce dPVT 0 S dWT RP_PRX a dbc
Pb VPeT P aX_T RdaT c dPcXV VaTPcTadVP dWT PgX d X_dcRdaT c aX_T CWT A<B RdaT c X dWT X_dc
RP_PRX aRP QT RPRdPcTS dbXV 4 dPcX

CWT f abcRPbTR SXX RRDab PcE, E dc f VTaT)

5 abX_XWPcX RW bTP X_dc RP_PRX af XWP A<B RdaT c dPcXV VaTPcTadVP VPU UdWT PgX d PS
RdaT c

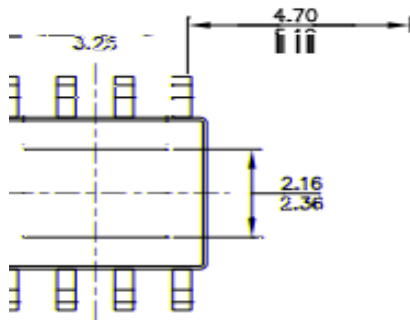
F WT bT TRcXV RTaP XRP_PRX d X TTSb c R bXTadWT TWTRcT ePdT UP RP_PRX aSTRaTPbXV Pb dWT 32
QRb e dPVT PRA bb P RP_PRX aXRaTPbXV

CWT X_dc RP_PRX RTP ePdT STcTa XTb dWT X_dc aX_T e dPVT UdWT aTVdPc a CWT X_dce dPVT aX_T RP QT
RPRdPcTS dbXV 4 dPcX P S dWT PgX d X_dce dPVT aX_T RRDab Pc Sdh RhRT

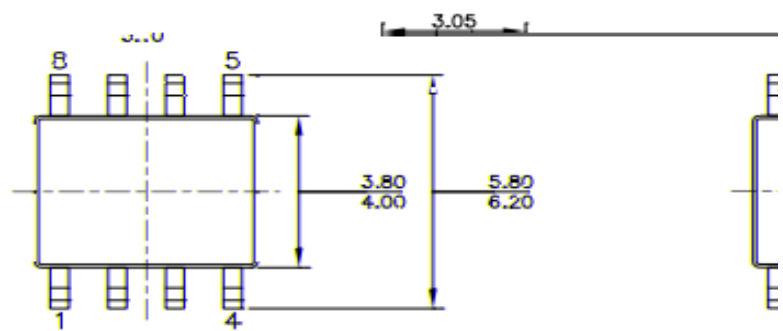
SCT CONFIDENTIAL

SCT CONFIDENTIAL

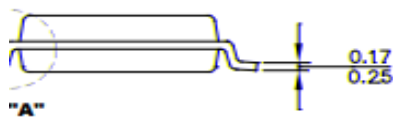
PACKAGE OUTLINE DRAWING FOR 8L SOP-EP **POD-0022 Revision 0.0**



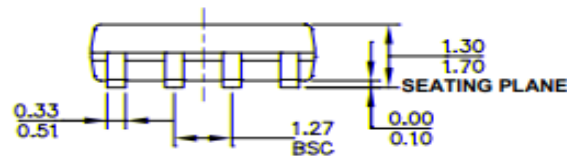
TOP VIEW



TOP VIEW



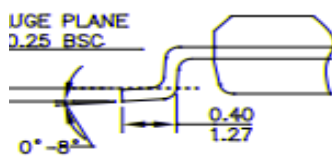
SIDE VIEW



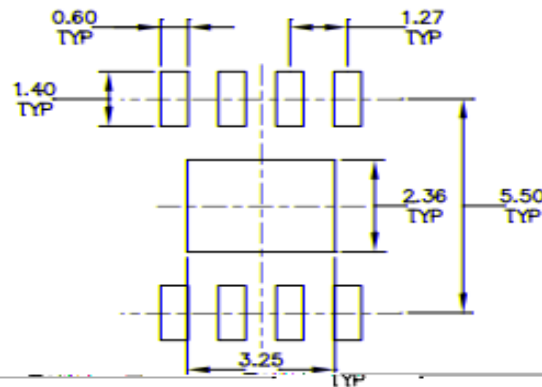
FRONT VIEW



SEE DETAIL "A"



DETAIL "A"



RECOMMENDED LAND PATTERN

NOTE:

1) ALL DIMENSIONS ARE IN MILLIMETERS.
 2) DIMENSIONS OF PROTRUSIONS OR GATE BURRS.
 3) DIMENSIONS OF PROTRUSIONS.
 4) DIMENSIONS SHALL BE 0.004" INCHES MAX.

- 1) CONTROL DIMENSION IS IN INCHES. DIMENSION IN BRACKET
- 2) PACKAGE LENGTH DOES NOT INCLUDE MOLD FLASH, PROTRUSIONS OR GATE BURRS.
- 3) PACKAGE WIDTH DOES NOT INCLUDE INTERLEAD FLASH (IF)
- 4) LEAD COPLANARITY (BOTTOM OF LEADS AFTER FORMING)
- 5) DRAWING REFERENCE TO JEDEC MS-012, VARIATION AA.
- 6) DRAWING IS NOT TO SCALE.

