

K OLBHG ABLMHKR

MNSD90 f d n t l adq enqoqulmtr qdumlmnr l x chedqeqnl o f d n t l adq hmsgd bt qplmsudq lmm-

Qdumlmnm0-/ 9Oqctbsmm-

Qdumlmnm0-09Toc sd CDUHB D N QCDQ HMENQL SHNM mc hrot sunks f d q n f d-

Qdumlmnm0-19Toc sd SGDQL K HMENQL SHNM mc Elft q l 13-

OB HK? KEG HKF MHG

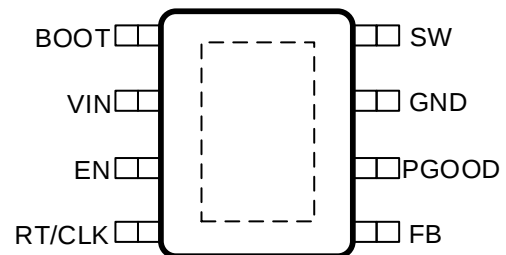
RBS1501RSDQ	S od %Qddk	3///	1501	7	DRNQ,7K

LHENM F BF NF K MEG L

Nudqnodq shnf exptd, lqsdll odq st q l t m d r r nsgdq l n d m n s d c ⁰

UHM+DM	,/-2	54	U
ANNS	,/-2	61	U
RV	,0	54	U
ANNS,RV	,/-2	5	U
CFNNC+EA+QS.BKJ	,/-2	5	U
Nodq shnf it nbsmmsdl odq st q l Sl ¹	,3/	04/	B
Rsq f d sll odq st q l SRSF	,54	04/	B

I EG HG B NK MHG



- (1) Rsqrr dr adxnmr sgnrd hnsd t ncdq ankt sd L wh t l Q shnf l x b trd cdultbd odq m n s d c l f d-Sgd cdultbd l n m s f t q m d d c s n d nbsmms t s l d n e l s Q d b n l l d n e d c Nodq shnf B n n c l s m m r -
- (2) Sgd h b h m b k c d r n u d q s d l l odq st q l o q s d b s m m s n o q s d b s s g d c d u l t b d c t q n f n u d d q c b n n c l s m m r - l t n b s m m s d l odq st q l v l k d w b d d c 04/ B v g d m n u d q s d l odq st q l o q s d b s m m l r b s l u d - B n n c l s m m r n o d q s m m a n u d s g d r o d b l e d c l wh t l n o d q s h n f i t n b s m m s d l odq st q l v l k q l c t b d h a d s h d -

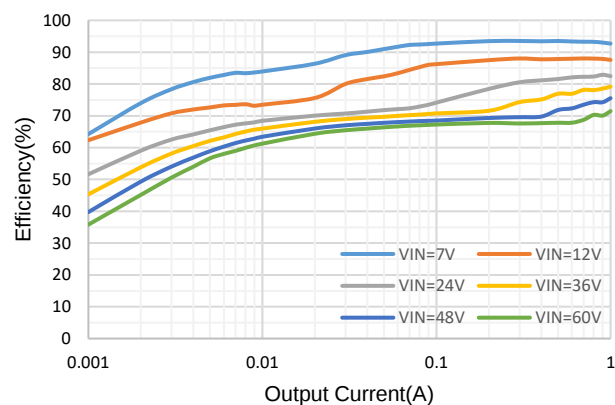
I EG NG MHGL

ANNS	0	Onv dqr t o o k a h r e n g g f i g r l e d o n v d q L N R E D S f s d c q u d q B n m m d b s / - 0 t E b o b l s n q e q l ANNS o h m s n R V o h m Anns s q o b o b l s n q l m b g q d c v g d m R V u n k s f d l m k n v -
UHM	1	h r o t s r t o o k u n k s f d - B n m m d b s k n b k a x o r r b o b l s n q e q l U H M o h m s n F M C o h m O s g e q l U H M o h m s n g f i g e p l t d n o x a x o r r b o b l s n q m c F M C l t r s a d r r g n q s r o n r r h a l d -
DM	2	D m a l d o h m s n s g d q l f t k s n q v l s g h m s d q n k o t l k t o b t q p l m s r n t q d - O t l k a d k n v 0 - / 4 U s n c l m a l d s g d b n m u d q d q E l n s n q b n m m d b s s n U H M s n d m a l d s g d b n m u d q d q S g d s o n e q l r l n s n q c l u e d q e q l U H M s n F M C b n m m d b s m f D M o h m b m c i t r s s g d h r o t s u n k s f d k b j n t s s g q l r g n l c -
QS.BKJ	3	R d s s g d h m s d q n k n r b l i k s n q b k n b j e p l t d n o x n q r x n b g q n t y d s n m d w e d q n k b k n b j - B n m m d b s q l r l n s n q e q l s g l m o h m s n f q t m c s n r d s r v l s b g h m f e p l t d n o x - m d w e d q n k b k n b j b m a d h m o t s c h a p b e x s n s g d Q S . B K J o h m S g d h m s d q n k n r b l i k s n q r x n b g q n t y d r s n s g d d w e d q n k b k n b j e p l t d n o x v l s g O K K - l e c d s i b s d c b k n b j m f d c f d r r s n o r + s g d n o d q s m m l n e d t s n l s h l k q l s t q n r s n q l r l n s n q o q f q l l d c e p l t d n o x -
EA	4	

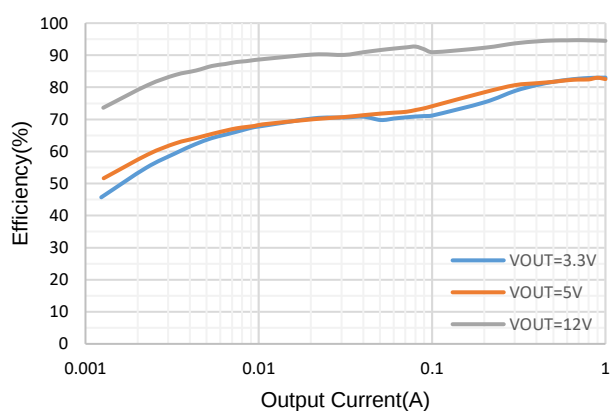
U _{HM TUKN}	Hrot s TUKN Sgqpr gnkc Gxr sdqpr hr	U _{HM} qtr hrnf	2-4 3//	U I U
H _{GCM}	Rgt scnv mbt qprnsqprl U _{HM} ohm	DM / +nm kn c	1 4	
H	P t hdr bdnsbt qprnsqprl U _{HM} ohm	DM dñ snf +nm kn c+nm r v lsbghnf +ANNS,RV 4U+ Qqs 1// j°	0//	
Q _{CRNM G}	Gfi g,r hcd L NREDS nm qpr hr s nbd	U _{ANNS} ,U _{RV} 4U	11/	I °
U _{QDE}	Qdcdqprnbd unks f d neEA		/ -681 / -7 / -7/7	U
H _{HL GR}	Gfi g,r hcd onv dqL NREDS od j bt qprns Hl lsbghnf gnkc		1-3 1-7 2-1	
U _{DM G}	Dm al d gfi g sgqpr gnkc		0-1	U
U _{DM K}	Dm al d knv sgqpr gnkc		0-4	U
H _{DM K}	Dm al d ohmot k t o bt qprns	DM 0U	0	
H _{DM G}	Dm al d ohmot k t o bt qprns	DM 0-4U	3	t
S _{RR}	Rnesr s qstl d		3	I r
E _{Q MF D QS}	Eqpt dnbx q rnf d tr hrnf QS l ncd		0// 01//	j Gy
E _{RV}	Rv lsbghnf eqpt dnbx	Qqs 1// j° 0 (	34/ 4// 44/	j Gy
E _{Q MF D BKJ}	Eqpt dnbx q rnf d tr hrnf BKJ l ncd		0// 01//	j Gy
S _{NM L HM}	L hrnl tl nmstl d	U _{HM} 13U	0//	mr
U _{OF TU}	Onv dqf nnc k f t ncdqunls f d spoolhrnf sgqpr gnkc	POWER GOOD (% of FB voltage)	84	
		POWER BAD (% of FB voltage)	8/	
U _{OF NU}	Onv dqf nnc k f nudqunls f d spoolhrnf sgqpr gnkc	POWER BAD (% of FB voltage)	00/	
		POWER GOOD (% of FB voltage)	0/ 4	
H _F	OF NNC kd j f d bt qprns sgfi g kdudk nt sot s	VPull-Up = 5V	1//	m
U _{OF KNV}	OF NNC knv kdudknt sot sunls f d	IPull-Up = 1 mA	/ -0	U
U _{NUO}	Eddca bj nudqunls f d v lsbghnf odbssn qprnsqprnbd unks f d	U _{EA} ,U _{QDE} qtr hrnf U _{EA} ,U _{QDE} e ktrnf	00/ 0/ 4	
U _{ANNSTU}	qprnsqprnbd unks f d	ANNS,RV e ktrnf Gxr sdqpr hr	1-4 12/	U I U
S _{RC}	Sgdq kr gt scnv msqpr gnkc)	Si qtr hrnf Gxr sdqpr hr	061 01	B B

)Cdqdcd eqpr adnrbg bg q bsdqy smm

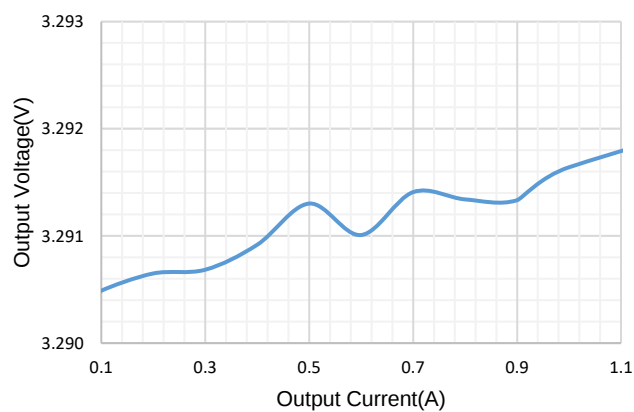
MRI B E A K M K E L M B L



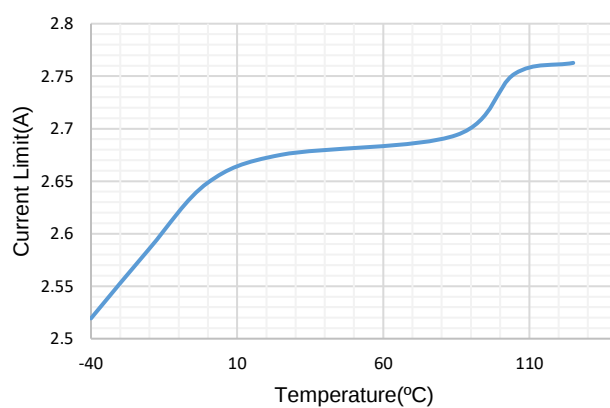
Effect of 1-Deoxymyxur Kinase B1 on the



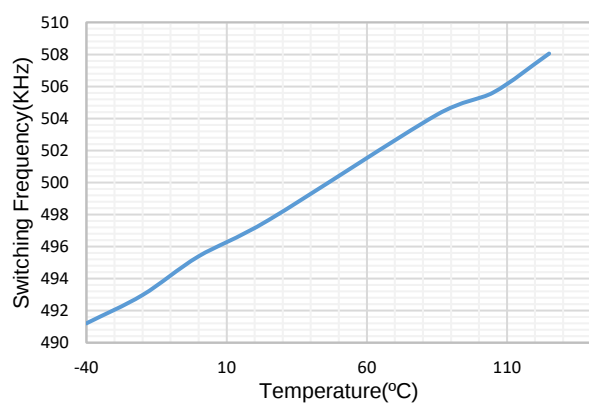
Effect of 2-Deoxyribose on Kinetic Binding of UHM 13U



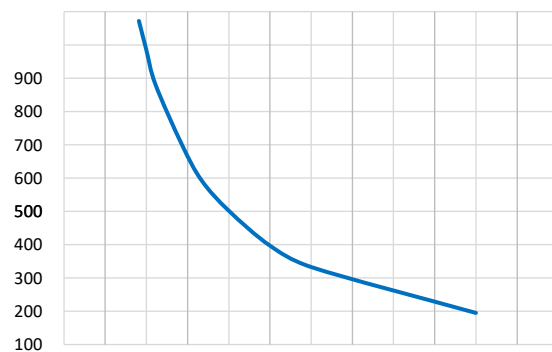
Elftop 3-Kn c Qdf tk smm+Uhm 13U+Unt s 2-2U



Elf t qd 4-B t qdmsKh lsUR Sdl odq st qd



Elftal 5-Rv Isghm Ecp dmbx UR Sdl odq st al



Elif t qd 6-Rv Isghmf Ecppt dntx ur QS Qdr lmsq

HI K MEHG

Sgd RBS1501 m 3-1U,5/U hrotst 0 nt sotst atbj bnmudq v hq mndf q sdc 11/I Ψ Qcrnm glf g,r hcd onv dq
L NREDS- h h okdl dnt bnmrs m expt dntx od j bt qdnt l ncd bnmrk n qdft k sd nt sot s unls fd+ oqulchrf
dwbdk dnt hnd mc kn c sq m hntsqdr onnd-

Sgd r v hghrf expt dntx m oqf q l l aldeqnl 0// j Gy sn 0-1L Gy v hq sv n r dshrf l ncd r +qdr m snqr dshrf expt dntx
l ncd mc sgd bknbj rxnbgqntly smml ncd+sn nosti hydr dshgdqsgd onv dq dshdntx nqsgd dwdqkn kbnt onndnt
r hydr -Sgd RBS1501 ed st qdr hndqn kr nes

0(

mdwədn kannsə sɔ b o bləŋqadsv ddmANNs olm nɛ RV olmonv dɔr sgd ɛn smf f sɔ cɔdudqsn glf g,r lɛd onv dɔ
L NREDS- Sgd annsə sɔ b o bləŋqunls f d lɪ bg ɔ dɛ ɛpl mhmədf q sɔc unlə f d ɔfl t k ɛŋv gdm glf g,r lɛd onv dɔ
L NREDS lɪ nɛ nɛ sgd dwdɔn kknv,r lɛd ɛlmd bnnɛt bɛ -Sgd ɔlbnl l dnc dɛ u k d nɛsgd ANNS b o bləŋqlm / -0 E

Sgd TUKN neglf g,r lɛd L NREDS f sɔ cɔdudqg r ɔl mhmədf sɔqpr gnɛ ne1-4U nɛ gxr sɔqpr lɪ ne12/1 U-V gdməsgd ɛduɛd
nodq sɔr v lɛg glf g ɛt sɔ bxbld nɔdwsɔpl dɛ k kɪ gskn c+annsə sɔ b o bləŋql x ad nmsɔplbg ɔ dɛ lmbnɪr lɛdɔ ald knrf
st d-Sgd unlə f d sannsə sɔ b o bləŋqlm lɪ t ɛlmd nns ɛduɛd glf g,r lɛd L NREDS ɛt k nɪ V gdməsgd unlə f d bɔqrr
annsə sɔ b o bləŋqɛqpr adknv 1-16U+ANNS TUKN nbbt q -Sgd bnmudɔdɔq ɛndɔr st ɔl mhmədf q sɔc knv,
r lɛd L NREDS ɔdɔmɛt k k sɔ ɔl mhmədf q sgd unlə f d neannsə sɔ b o bləŋqsn f t q nɛdd sgd bnmudɔdɔr nodq smmudɔ
v lɛd ɛt sɔ q nɛ d-

Ct ɔl mhmədf sgd bnnɛt smmnet lɛg ,knv unlə f d ɛlmd ɔl mhmədf ɛpl sgd lɪ mɔt sɔn sgd nt sɔt s+RBS1501 nodq sɔr lɪ knv Cɔpɔ,Nts
KCN l nɛd- Glf g,r lɛd L NREDS ɔpl lɪ mɔt ɔl mhmədf nɪ r knrf r sgd ANNS olmɛn RV olmunls f d lɪ glf g dɔsg mANNs
TUKN sɔqpr gnɛ 1-4U-V gdməsgd unlə f d ɛpl ANNS ɛn RV ɛqpr adknv 1-16U+sgd glf g,r lɛd L NREDS st ɔl mhmədf nɛ nɛ
knv,r lɛd L NREDS st ɔl mhmədf nms ɔl mhmədf ɔ d annsə sɔ b o bləŋqodɔmɛt k k lɪ mhmədf ɛn knv lɪ r dɔdɔ kr v lɛg lɪ mhmədf bxbld-
Knv,r lɛd L NREDS nɪ k st ɔl mhmədf nɛnɔq 0// nɪ lɪ mhmədf bg ɔl mhmədf g bxbld ɛn l lɪ mhmədf lɪ d sgd nt sɔt sunls f d ɔl mhmədf- Knv,r lɛd
L NREDS l x st ɔl mhmədf nɛnɔq r dɔdɔ k st dr st k sgd annsə sɔ unlə f d lɪ bg ɔ dɛ ɛn glf g dɔsg m1-4U ɛn glf g,r lɛd
L NREDS v nɔq lɪ mhmədf nɛnɔq -Sgd dɛdɛstɔd ɛt sɔ bxbld nɛsgd bnmudɔdɔq ɛt ɔl mhmədf KCN nodq smmb mad ɔoqpr bg lɪ mhmədf ɛn
0// -

Ct ɔl mhmədf r knv lɪ mhmədf onv dɔt o nɛ onv dɔcnv m ɔoɛt smm+sgd nt sɔt sunls f d b mɛknr dɛ sɔ bj sgd lɪ mɔt sunls f d q l ɔl mhmədf
cnv mɛsg nɪ r ɛn KCN nodq smml nɛd- r sgd lɪ mɔt sunls f d lɪ ɔl mhmədf bɛd ɛn nɛd qsgd nt sɔt sunls f d +hɛ- ɛt ɔl mhmədf r knv lɪ mhmədf
onv dɔt o nɛ onv dɔcnv m ɔoɛt smm+sgd nɛst d nɛsgd glf g,r lɛd L NREDS r s ɔl mhmədf ɛn ɔoqpr bg sgd lɪ mhmədf t l u k d-
V lɛg nt KCN nodq smml nɛd+adxn nɛ sɔl mhmədf on lɪ mhmədf sgd r v lɛg lɪ mhmədf l x adbnl d dɔq st nɛ nɛsgd nt sɔt sunls f d v lɛg k
nt sɛnɔfl t k smm- Sɔ unlə sɔl mhmədf ɔl mhmədf +sgd RBS1501 KCN l nɛd t ɛn st k ɔl mhmədf bɛd sgd r v lɛg lɪ mhmədf ɛplpt dnbx ɛn
lɪ mhmədf r d sgd dɛdɛstɔd ɛt sɔ bxbld nɛ l lɪ mhmədf lɪ mhmədf t k smm-

Sgd RBS1501 lɪ ɔl mhmədf dɛ nɛ nɛdɔbt ɔl mhmədf ɔl mhmədf smmv lɛg ɛnɛ a bj bt ɔl mhmədf kɪ lɛ- Sgd RBS1501 bxbld,ax,bxbld kɪ lɛ
glf g,r lɛd L NREDS ɔd j bt ɔl mhmədf ɛn unlə lɪ mhmədf bɛnɔbt ɔl mhmədf ɔl mhmədf v x ɛt ɔl mhmədf t nɛdɔdɛstɔd nɛdɔn c nɛnt sɔt sɔ q
r gnɔp bnnɛt smm-

V gdmnɛdɔn c nɛg ɔl mhmədf r gnɔg ɔl mhmədf ɔl mhmədf +sgd bnmudɔdɔb nms ɔl mhmədf nt sɔt sɔt ɔl mhmədf ɛn r smɛ kn ɛl mhmədf ɔl mhmədf dɛ nɛ
Sgd lɪ mhmədf bɛnɔbt ɔl mhmədf lɪ bkl ɔdɛ snɛdɔbt ɔl mhmədf kɪ lɛ smm- Sgtr +sgd nt sɔt sunls f d ɛqpr adknv ɔl mhmədf t k sɔc unlə f d
v lɛg EA unlə f d lɛrr sg mhmədf ɔl mhmədf ɔl mhmədf ɔl mhmədf unlə f d bnnɛt ntr k-

Sgd RBS1501 lɪ ɔl mhmədf dɛ nɛ ɛplpt dnbx ɛnɛ a bj ɛn ɔl mhmədf sgd bnmudɔdɔl mhmədf nɛdɔdɛstɔd nɛdɔn c nɛnt sɔt sɔ q r gnɔg
bnnɛt smm sɔl mhmədf g dɔr v lɛg lɪ mhmədf ɛplpt dnbx nɛ lɪ mhmədf nt sɔt sunls f d r -Sgd nɛ bkl ɛn ɛplpt dnbx lɪ ɛl mhmədf ax 0+1+3+ nɛ 7 r
sgd EA olmunls f d ɛ k ɛpl / -7 U ɛn / U-Sgd RBS1501 t r dr ɛl mhmədf k ɛplpt dnbx ɛnɛ a bj ɛn dɛ m ald r x nɛg q nɛt smm
ɛn mdwədn kɛknbj ɛt ɔl mhmədf nɛnɔq krs ɔt o nɛ ɛt lɛ bnnɛt smm- Ct ɔl mhmədf r gnɔg bɛnɔbt lɛdɛdɛstɔd +sgd lɪ mhmədf bɛnɔbt ɔl mhmədf m
dɛdɛstɔd sgd ɔd j bt ɔl mhmədf kɪ lɛ adɛ t r d nɛsgd glf g lɪ mhmədf nt sɔt sunls f d nɛ sgd lɪ mhmədf t l nɛst d-V gdməsgd nt sɔt sunls f d
lɪ ɛndɔdɛ knv ax sgd r gnɔg ɛn c+sgd lɪ mhmədf bɛnɔbt ɔl mhmədf ɛdɛdɛstɔd r dr r knv k ɛt ɔl mhmədf sgd r v lɛg nɛst d-Sgd ɛplpt dnbx
ɛnɛ a bj dɛdɛstɔd lɪ mhmədf r dr sgd nɛst d ax lɪ mhmədf r lɪ mhmədf sgd ɔdɛnɛ nɛsgd r v lɛg lɪ mhmədf bxbld ɔl mhmədf lɪ nɛd st d ɛnɔ
sgd lɪ mhmədf bɛnɔbt ɔl mhmədf ɛn q l ɔ cnv m-

V lɛg lɪ mhmədf t l ɛplpt dnbx ɛnɛ a bj q sm nɛ7+sgd ɔl mhmədf lɪ mhmədf t l ɛplpt dnbx sv glɛg sgd lɪ mhmədf bɛnɔbt ɔl mhmədf mad
bnnɛt kɛd ax ɛplpt dnbx ɛnɛ a bj ɔl mhmədf smm- Dpt smm4 b lɛt k sɔr sgd lɪ mhmədf t l r v lɛg lɪ mhmədf ɛplpt dnbx sv glɛg sgd
lɪ mhmədf bɛnɔbt ɔl mhmədf ɛpl lɪ mhmədf t nɛdɔbnnɛt qv gdm UNTS lɪ ɛndɔdɛ ɛn UNTS RGNQS-Sgd r dɛdɛstɔd nodq smf ɛplpt dnbx lɪ t r s
mmsdɛdɛstɔd sgd b lɛt k sɔc u k d-

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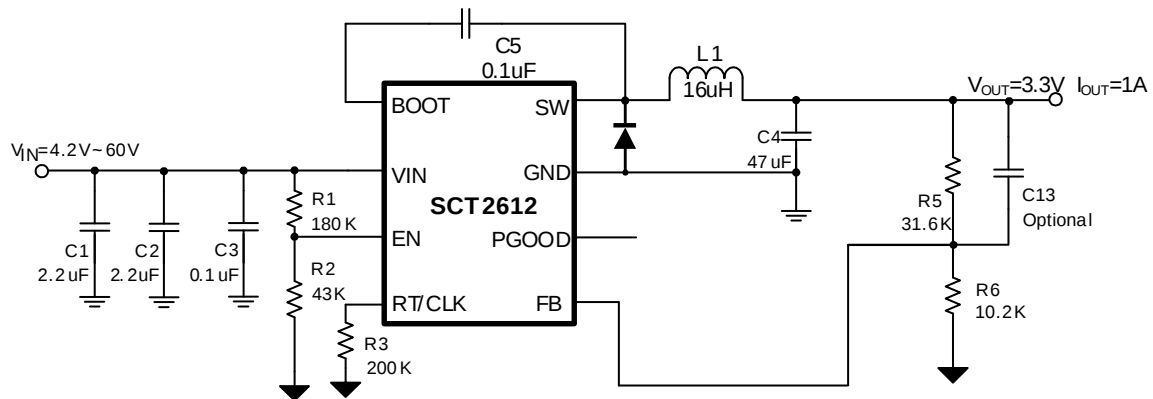
v g dɔl

9Kɪ lɛdɛ udq f d bt ɔl mhmədf

9E0pt dmbx chucd dpt k 04 8 nq7(

Sgd RBS1501 oqnsdbs sgd cdultbd epnl sgd c l f d c t qmf dwbdr r l u d g d s m c onv d q c l m r h o s m m b n n c l s m m r - N n b d
sgd i t n b s m m s d l o d q s t q l d w b d d c r 061 c d f q l d r + s g d h m s q m k s g d q k r d m r n q r s n o r o n v d q L N R E D S r v l s g h m f - V g d m
sgd i t n b s m m s d l o d q s t q l e k r a d l n v 05/ c d f q l d r + s g d c d u l t b d q l r s q r v l s g r n e s s q s o g r d -

11 EB MBHG EG HKF MBHG



Input Voltage	13V Min 3-10V to 5V
Input Capacitor	2-20uF
Inductor	0
Output Capacitor	4-10uF
Output Voltage	0.5-1.0V
Output Current	10-15A
Output Voltage Regulation	4-62uV
Output Current Regulation	3-34uV

Sgd nt sotsunks f d m rdsax mdwədn kəpr m snq chulədq
Q4 m Q5 m soth k ooth smm rbgdl stb-
Qdbnl l dncdc Q5 qpr m s nbd m 0/-1 JΨ- Tr d dpt smm5
sn b lbt k sd Q4-

1-4 U	10-4 JΨ	0/-1 JΨ
2-2 U	20-5 JΨ	0/-1 JΨ
4 U	42-5 JΨ	0/-1 JΨ
01 U	032 JΨ	0/-1 JΨ
13U	183 JΨ	0/-1 JΨ
25U	331 JΨ	0/-1 JΨ
37U	5/3 JΨ	0/-1 JΨ

_____ 5(
v gdq9
• U_{QDE} m sgd əddca bj qədqənd unks f d+soth k
/-7U

Glf gdqr v isghmf əpətdnəbx r toonərl kədqənd nentsots mct bəq m ntotsb o bəq + qpr kəmf m kvdq
unks f d m bt əpns qəoldr - Gnv dūdq sgd glf gdqr v isghmf əpətdnəbx b trdr dwsq rv isghmf krr + v glbg
cnv nf q cdr bnmudəqr nudq konv d qəoldr m sgd kodənd nbd-Sgd 0// m l mtl nmsh d kls smm
k n qpr sgd sgd r d k b smm neglf gdqr v isghmf əpətdnəbx- m sghm cdr l m- l ncdq sd rv isghmf əpətdnəbx ne4// j Gy
m r d k b sdc sn bghud ansg r l k r n k smm r hyd m glf g dəoldr nbdq smm-

Sgd qpr m snq bnmudəsdə əql QS.BKJ sn FMC rds
rv isghmf əpətdnəbx nesgd bnmudədq Sgd qpr m snqu k d
əpətdnəbx qdr həpə əpətdnəbx b mad b lbt k sdc tr hmf
dpt smm6+nqcdsdq hndə əql Efi t q 6-

1// JGy	4// JΨ
22/ JGy	2/ 0 JΨ
4// JGy	1// JΨ
00// JGy	8/-8 JΨ

_____ 6(
v gdq9
• əv m sgd cdr həpə rv isghmf əpətdnəbx

mdwədn kunks f d chulədqndəv nq neQ₀ əql sgd hntəsn DM ohm m Q₁ əql DM ohm sn sgd f qrt m b m r d sgd
hntəunks f d r TrədqUnks f d Knbj,

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- $H_{OO} \ln \text{sgd } h_{mct} b_{sqod} \ j, sn, od \ j \text{ bt } q_{pplns}$
- $K \ln \text{sgd } h_{mct} b_{s} \ m_{bd} \ n_{ehmct} b_{sq}$
- $e_{rv} \ln \text{sgd } r_v \ h_{bglnf} \ e_{dpt} d_{mbx}$
- $U_{NTS} \ln \text{sgd } n_t \ s_{ots} \ s_{unk} \ f \ d$
- $U_{HM} \ln \text{sgd } h_{mct} \ s_{unk} \ f \ d$

00(

- K_{LM} in sgd | hnh | tl | $hmtbs$ | mtd | qpt | hpc
- e_v in sgd | r | $hghrf$ | $expt$ | dmx
- U_{NTS} in sgd | nt | sot | $sunk$ | f | d
- U_{HMI} | w | in sgd | wh | tl | hmt | $sunk$ | f | d
- H_{TS1} | w | in sgd | wh | tl | CB | kn | c | bt | $qprns$
- KQ in bnd | hms | ne | h | oo | sn | TS

01 (

02(

- $H_{\text{Loo J}}$ in $\text{sgd } h_{\text{mct}} \text{bsnqod } j \text{ bt } \text{opplns}$
- H_{TS} in $\text{sgd } \text{CB kn } c \text{ bt } \text{opplns}$
- H_{Loo} in $\text{sgd } h_{\text{mct}} \text{bsnqod } j, \text{sn, od } j \text{ bt } \text{opplns}$
- H_{QLR} in $\text{sgd } h_{\text{mct}} \text{bsnqQL R bt } \text{opplns}$

Sgd RBS1501 qdpt hupr mdwv dqn kb sbg clmcd adsv ddmsgd RV ohm mc FMC-Sgd rldbdc clmcd l trsg ud
qludg d unls fd q smf dpt ksn nqf qd sdqsg mUHM l w-Sgd od j bt qdmsq smf nesgd clmcd l trs ad f qd sdqsg m

Sxolb k&+clmcd v lsg gll gduqns f d m b t qpnsg d m f g d g n g d q p p
5/,U qdudq d unls f d m oqledqpc sn knv hmt sunls f d sq mrl nrs t o sn sgd q sdc unls f d nesgd RBS1501 -

Enqsgd dw l old cdr hf m+sgd A25/ A, 02, E Rbgnsj x clmcd m r dldbsdc enqls knv d qnq q pc unls f d m f nnc sgd k
bg q bsdq nst bnl o qdc sn r l k d qcduldr -Sgd sxolb knq q pc unls f d nesgd A25/ A, 02, E m / -6 unls s2 -

Sgd clmcd l trs kn ad r dldbsdc v lsg m oqnoq sd onv dq q shrf -Sgd clmcd bnmct bsr sgd nt sot sbt qpnsg ct qnf
sgd nesh d nesgd hnsdqn konv d qrv lsg -Sgd nesh d nesgd hnsdqn kr v lsg m d nbsmm nesgd l wh t l hmt s
unls f d+sgd nt sot sunls f d+ m sgd r v lsg hnf expt d nbs -Sgd nt sot sbt qpnsg ct qnf sgd nesh d m l t l k d ax sgd
enq q pc unls f d nesgd clmcd sn b lbt k sd sgd hns nrs mnt r bnmct bsmm knrr dr nesgd clmcd- s g l f g d qrv lsg hnf
expt d nbsdr +sgd b knrr dr nesgd clmcd mdc sn ad s j d m hns bnt nrs -Sgd b knrr dr nesgd clmcd qd ct d sn sgd
bg q hnf m c m bg q hnf nesgd it nbsmm b o b l s mbd m c qdudq d qd nudq bg q d -Dpt smm03 m tr dc sn b lbt k sd
sgd sns konv d qcl m r b smm+hmkt chnf bnmct bsmm knrr dr m b knrr dr nesgd clmcd-

Sgd A25/ A, 02, E clmcd g r it nbsmm b o b l s mbd ne1// oE- Tr hnf Dpt smm03+sgd sns knrr hnsdqn clmcd sgd
l wh t l hmt sunls f d m / -55 V -

hsgdg h ksgnm r

Enqsglm dwl old+sv n 1-1 E+W6Q bdq l lb b o blnq q sdc enq 0// U lmo q kdk qd trdc- mc /-0 E enqgfi g, expt dmbx dndqmf b o blnqlm ok bdc r blnd r onrr hald sn sgd cdultod ohm -

/-0 E bdq l lb b o blnql trs ad bnmdbsdc adsv ddm ANNS ohm mc RV ohm enq oqnodqnodq smm- bdq l lb b o blnqv sg W4Q nqadssdf q cd chdkbsq l m qblnl l dmdc- Sgd b o blnqr gntlc g ud 0/U nqgfi gdqunk f d q smf -

Sgd rdkbsmmnent sotsb o blnqv lk adbsnt sotsunk f d qoold hmr sd cxrs sd mc kn c sq nr hmsodqnd nbd-

Sgd nt sots qoold m drr dndh k bnl onr dc nesv n o q - Nmd m b trdc ax sgd hmt bsqbt qplms qoold f nlmf sgnt f g sgd Dpt lu kds Rddqr Qdr lms nbd DRQ nesgd nt sotsb o blnq mc sgd nsgdqlm b trdc ax sgd hmt bsqbt qplms qoold bg q hmf mc clmbg q hmf sgd nt sotsb o blnq - Sn bg hmd r l knt sotsunk f d qoold + bg nnd knv, DRQ nt sots b o blnq kjd bdq l lb b o blnq Enq bdq l lb b o blnq + sgd b o bls nbd cnl hmsdr sgd nt sots qoold- Enq r h okto smm+sgd nt sotsunk f d qoold b mad dr sh sdc ax Dpt smm07 cdr hpc-

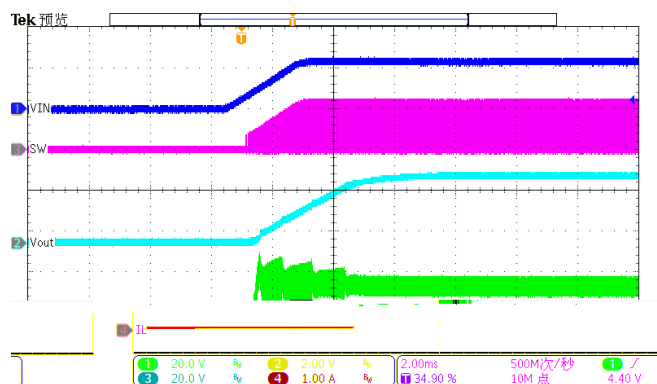
07(

V gdq

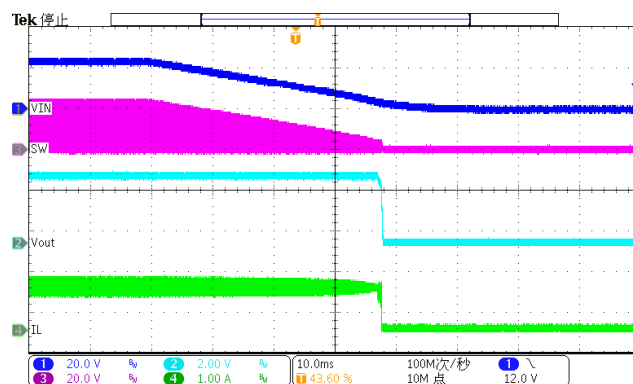
- m sgd nt sotsunk f d qoold
- ex m sgd rv lsg hmf expt dmbx
- Km sgd hmt bs nbd nehmct bsq
- BNTS m sgd nt sotsb o bls nbd
- UNTS m sgd nt sotsunk f d
- Um m sgd hmt sunk f d

Ctd sn b o blnqr cdf q chmf tmdq CB ahr +sgd ahr unls f d b mrlf mto nsk qdctbd b o bls nbd- Bdq l lb b o blnq b mknrd l nrs nesgd h b o bls nbd sq sdc unls f d- Sgd qenq +kd ud l q hmnmsgd unls f d q smf sn dnr t qd cdpd sd dndstnd b o bls nbd- Sxolt kx +nmd 36 Ebdq l lb nt sotsb o blnq vngj enq nrs ookto smm -

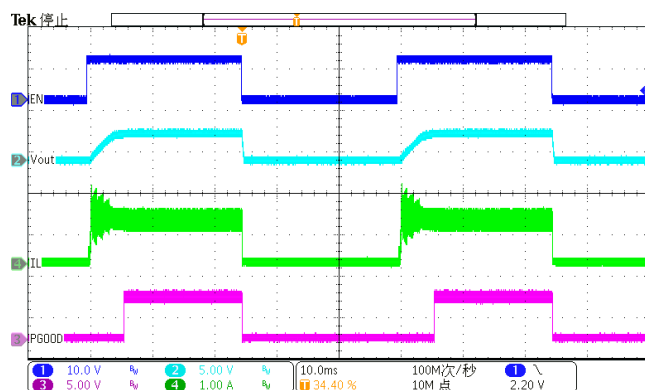
Uhm 13U+Unt s 2-2U+t nldr r nsqdq lrd mnsdc



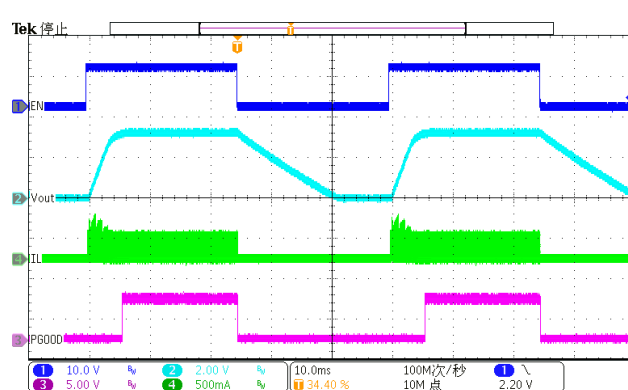
Elf t qđ 01- Onv dqt o Hh c 0 (



Elf t qđ 02- Onv dqcnv mHh c 0 (



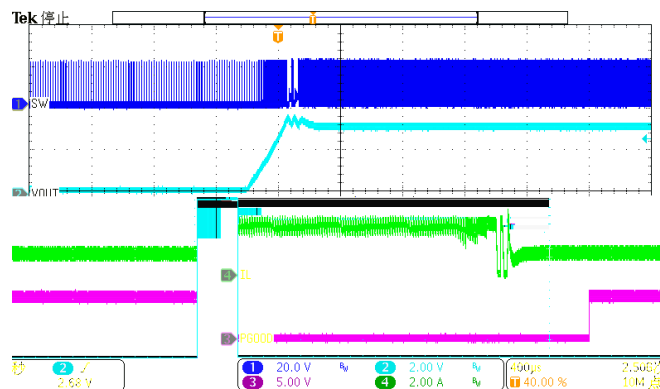
Elf t qđ 03-DM snff kd Hh c 0 (



Elf t qđ 04- DM snff kd Hh c 1/1 (



Elf t qđ 05- NudqBt qđns Qqdsbsmm0 sn g q r gn qđ



Elf t qđ 06- NudqBt qđns Qđkd rd g q r gn qđsn 0 (

Uhm 13U+Unt s 2-2U+t nldr r nsgdq lrd mndc

EtEt

I D EG HKF MHG

RN 07.OO 84w02/ (O bj f d Nt skrd Ch dnr lmmr

Rxl ank	Ch dnr lmmr hmL hkh dslq		Ch dnr lmmr hmL hkh dslq	
	L hm-	L w-	L hm-	L w-
	0-2/ /	0-6/ /	/ -/ 40	/ -/ 56
0	/ -/ / /	/ -0/ /	/ -/ / /	/ -/ / 3
1	0-24/	0-44/	/ -/ 42	/ -/ 50
a	/ -22/	/ -40/	/ -/ 02	/ -/ 1/
b	/ -06/	/ -14/	/ -/ 6	/ -/ 0/
C	3-6/ /	4-0/ /	/ -074	/ -1/ 0
C0	2-/ 4/	2-14/	/ -01/	/ -017
D	2-7/ /	3-/ / /	/ -04/	/ -046
D0	4-7/ /	5-1/ /	/ -117	/ -133
D1	1-05/	1-25/	/ -/ 74	/ -/ 82
d	0-16/ ARB(		/ -/ 4/ ARB(	
K	/ -3/ /	0-16/	/ -/ 05	/ -/ 4/
θ	/	7	/	7

1. Cq v hmf oqonr dc sn ad l cd l DCDB o bj f d nt skrd L N,11/ u q shmr
2. Cq v hmf mnsn rb ld-
3. kkhnd qch dnr lmmr qd hmL hkh dslq -
4. Sgdq ko c r g kkd r nkd qdc nmsgd an q-
5. Ch dnr lmmr nedwonr dc o c nmansn neo bj f d cn mns hmk cd l nlc k r g-
- 6.

MI G2 K E EG HKF MBHG

