## ^ Z/Wd/KEW

7KH $&-7 8 WULDF LV VXLWDEOH IRU JHQHUDO SXUSRVH $& VZLWFKLQJ ,W FDQ EH XVHG DV DQ 21 2)) IXQFWLRQ LQ DSSOLFDWLRQV VXFK DV KHDWLQJ UHJXODWLRQ LQGXFWLRQ PRWRU VWDUWHUV SKDVH FRQWURO RSHUDWLRQ LQ OLJKW GLPPHUV PRWRU FRQWUROOHUV 7KH $&-7 8 HPEHGV D 796 VWUXFWXUH WR DEVRUE WKH LQGXFWLYH WX HQHUJ\ VXFK DV WKRVH GHVFULEHG LQ WKH ,(& VWDQGDUGV 3DFNDJH 72 LV 5R+6 FRPSOLDQW

## D /E & dhZ ^

| 6\PERO | 9DOXH | 8QLW |
|---|---|---|
| ,7 506 | | |
| 9'50 9$50 | | 9 |
| ,*7 | | P$ |

$

## ^K>hd D y/DhD Z d/E'^

| 3DUDPHWHU | 6\PERO | 9DOXH | | 8QL |
|---|---|---|---|---|
| 6WRUDJH MXQFWLRQ WHPSHUDWXUH UDQJH | VWJ | 7 | | |
| 2SHUDWLQJ MXQFWLRQ WHPSHUDWXUH UDQJH | UDQJH | 7 | | |
| 5HSHWLWLYH SHDN RII VWDWH YROWDJH | 9 | 7 | 9 | |
| 5HSHWLWLYH SHDN UHYHUVH YROWDJH | 9 | 7 | 9 | |
| 506 RQ VWDWH FXUUHQW | ,7 506 | | | $ |
| 1RQ UHSHWLWLYH VXUJH SHDN RQ VWDWH FXUUHQW IXOO F\FOH PD[ | ,760 | | $ | |
| 1RQ UHSHWLWLYH VXUJH SHDN RQ VWDWH FXUUHQW | | | | |
| ,W YDOXH IRU PXOWLQJ W | ,W | | $ V | |
| &ULWLFDO UDWH RI ULVH RI RII VWDWH FXUUHQW ; h ,*7 I +] | G, GW | | $ V | |
| 3HDN JDWH FXUUHQW W | ,* | | $ | |
| $YHUDJH JDWH SRZHU GLVVLSDWLRQ | 3* | 7 | | : |
| 3HDN JDWH SRZHU | 3* | | | |

| | | | |
|---|---|---|---|
| 3HDN SXOVH YROWDJH 7M QRQ UHSHWLWLYH RII VWDWH ),* | 9SS | | |

> dZ/ > , Z d Z/^d/X^QOHVV RWKHUZLVH VSHFLILHG

| 6\PERO | 7HVW &RQGLWLRQ | | 4XDGUDQW | | 9DOXH |
|---|---|---|---|---|---|
| ,*7 | 9' 9 5 | | 0$; | | P$ |
| 9*7 | | | 0$; | | 9 |
| 9*' | 9' 9'50 7M 5/ N | | 0,1 | | 9 |
| ,/ | ,* *7 | | 0$; | | P$ |
| ,+ | ,7 P$ | | 0$; | | P$ |
| G9 GW' 99 *DWH 2SHQ 7 | | | 0,1 | | 9 V |
| G, GW F G9 GW F 9 V | | | 70,1 | | $ PV |
| WQ | ,* P$ $, P$ 5, P$ 7M | | 7<3 | | V |
| WII | | | | | |
| 9&/ | &/ P,$S WPV | | 0,1 | | 9 |

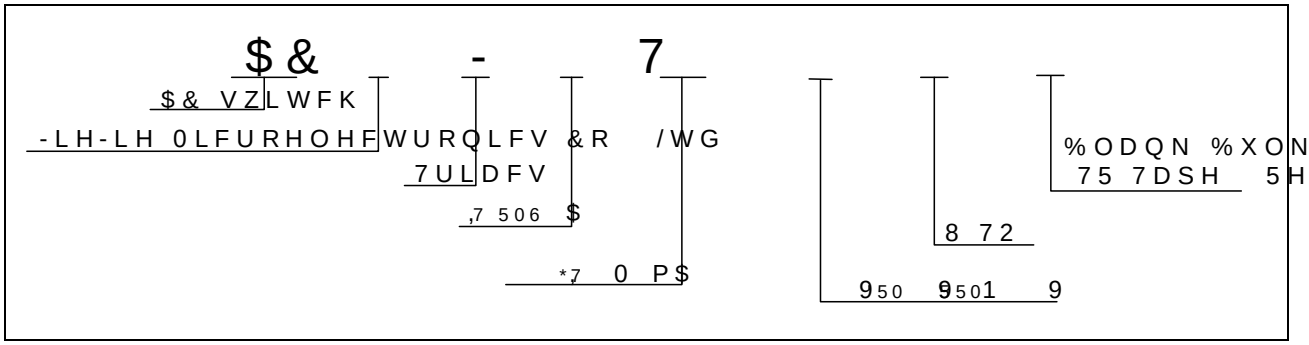
^d d/ , Z d Z/^d/ ^

| 6\PERO | 3DUDPHWHU | | 9DOXH 0$; | | 8QLW |
|---|---|---|---|---|---|
| 970 | 70 $SW V | 7M | | | |
| 972 | 7KUHVKROG YROWDJH | M | 7 | | |
| 5' | '\QDPLF UHVLVWDQFH | M | 7 | P | |
| ,'50 | 9' 9'50 9 9550 | 7M | | | |
| ,550 | | 7M | | | |

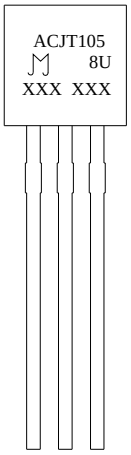
d, ZD > Z ^/^d E ^

| 6\PERO | 3DUDPHWHU | 9DOXH | | 8QLW |
|---|---|---|---|---|
| 5WK M | FMXQFWLRQ WR FDVH $& | | : | |
| 5WK M | DMXQFWLRQ WR DPELHQW $& | | : | |

## KZ Z/E' /E&KZD d/KE




## D Z</E'

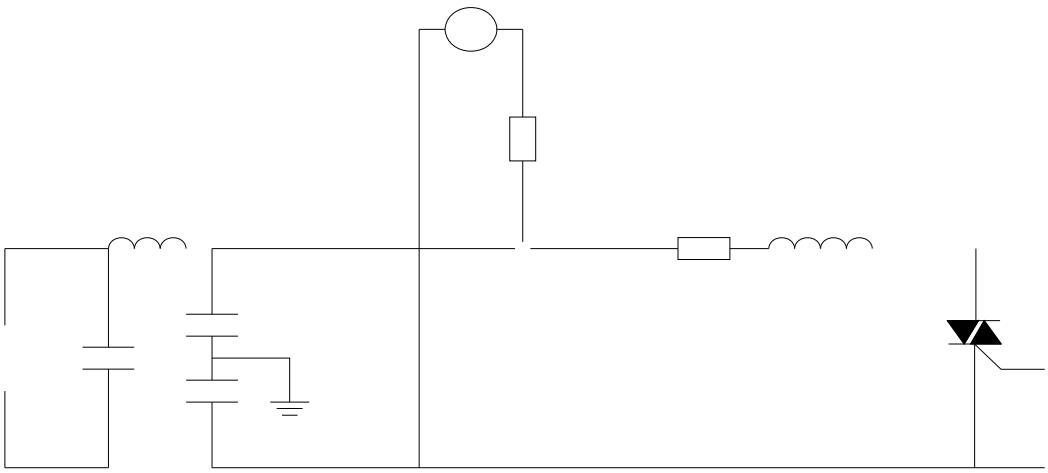



XXX XXX

<HDU
0RQWK

),* 0D[LPXP SRZHU GLVVLSDWLRQ Y)H*UV5X0/6 5R0 VWDWH FXUUHQW YH
RQ VWDWH FXUUHQW WHPSHUDWXUH

),* Ö7HVW FLUFXLW IRU LQGXFWLYH DQG VWDWLF ORDGV



W < ' D , E/ > d



>/s Zz DK

| 3$&.$*( | 287/,1( | %$* 3&6 | ,11(5 %2; 3&6 | &$5721 %2; 3&6 |
|---|---|---|---|---|
| 72 | %XON 3DFN | | | |

,QIRUPDWLRQ IXUQLVKHG LQ WKLV GRFXPHQW WR EH DFFXUDWH
-LDQJVX -LH-LH 0LFURHOHFWURQLFV &RUS DQG LWV VXEVLGLDULHV
RI XVH ZLWKRXW FRQVLGHUDWLRQ IRU VXFK LQIRUPDWLRQ RU
LQ WKLV GRFXPHQW DQG -LDQJVX -LH-LH 0LFURHOHFWURQLFV &R
VLJQHG -LDQJVX -LH-LH 0LFURHOHFWURQLFV &RUS
3URGXFWV DQG LQIRUPDWLRQ GSRUFRYHUHGQHVG KDYH QR LQIULQJ
-LDQJVX -LH-LH DVVXPHVOLDELOLWLHV DULVLQJ RXW RI WK
SDUWLHV ZKLFK PDNH XVH RI VXFK LQIRUPDWLRQ DQG 7KLVQ GRFXPH
VXSHUVHGHV DQG UHSODFHV DOO LQIRUPDWLRQ SUHYLRXV
LV D UHJLVWHUHG DQGJUDXG-LHD-UHN ORLF-ULR H/WHG WURQLFV &
&RS\ULJKW ‹ -LDQJLFXR-HLHH-EW URQULEJK&RV U/HWGHUVYHG