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2SHUDWLQJ -XQFWLRQ 7HP	SHUDWXUH		7 f &
6WRUDJH 7HP	SHUDWXUH	7v	f &
6ROGHULQJ 7HP	SHUDWXUH LQ IURP FDVH IRU V	ZDYH V	ROGHULQJ PP f &

(OHFWULFDO & KDUDFWULWULWODFV VRRWKHIDZL\*%H7 VSHFLILH

3DUDPHWHU	HU	6\PERO	&RQGLWLRQV	0LQ	7\
6WDWLF					
&ROOHFWRU (PLWWHU %UHDNGRZQ 9ROWDJH		9 & \$			9
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=HUR *DWH 9ROWDJH &ROOHFWRU &XUUHQW		9 & \$ f & f &			P \$
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'\QDPLF					
,QSXW &DSDFLWDQFH		9 & \$ 9 *9 9			Q)
5HYHUVH 7UDQVIHU &DSDFLWDQFH &UHV		1 0+]			
*DWH &KDUJH	*	9 & \$ 9 * 4 9			X &
6KRUW &LUFXLW &RQOHFWRU &XUUHQW		9 & \$ 9 FF 907 M f &			\$

(OHFWULFDO & KDUDFWWHULVWLFVRRWKKIDZLRGHVSHFLILH

3DUDPHWHU	6\PERO	&RQGLWLRQV	QLQ
6WDWLF			
'LRGH )RUZDUG	9) 9RO	7M \$ f & 7M f &	9

6ZLWFKLQJ & KDUDFWWHULVWLF , QGXFWLYH /RDG

3DUDPHWHU	6\PERO	&RQGLWLRQV	QLQ
'\QDPLF M DW 7			
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5LVH 7LPH		W	QV
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(OHFWULFDO & KDUDFWHULVWLFV RI WKH ',2' (

3DUDPHWHU	6\PERO	&RQGLWLRQV	OLQ
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7KHUPDO 5HVLVWDQFH

3DUDPHWHU	6\PERO	OD[	9DOXH	8QLW
, * % 7 7KHUPDO 5HVLVWDQFH -XQFWLRQ & DVH . :				
'LRGH 7KHUPDO 5HVLVWDQFH 5XQFWLRQ & DVH				. :
7KHUPDO 5HVLVWDQFH -XQFWLRQ \$ PELHQW				. :

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 13V  
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z Circuit Diagram

Z 3DFNDJH 2XWOLQH ,QIRUPDWLRQ

