

Q//////CCCCCC//K/NC/E@/EE//EEF/@E
//QEE/AE@/:F//:EE/SE//SEE/IE//IEE/UE@/DE@//K/F/SA//SAE/IA//IAE
/UA//UAE//A//AE/DA//DAE/RE//JE//NE//FE//CE//KE//TE//ZE//LE//WE//H
E//YE//PE//QE//OE//BE//////E//ME//////E//MK//N////QFN
1/2//////ML/ERMZ/E1/2KRJEDS/TKFJEDS/PQNN1/2//////

//////QFN//K//OE/JE/QOFS/PMU/UVU/UH:/CMU/NMU/UVU/F/NTAGE/JJ
/QOFS/PME/JC/QOFS/PVE/JZ/QOFS/P/:C:A:FMU/UVU/UVUT1/2E:/MVUTFGUTAGU/
@GU/@GU/A:A/JE/QOK/D/FS/PIA/J@EQOFS/P:I/UII/UGD/F1/2I/URI/UVD/FREQOD
1/2/PNEQOCU/PGD TARET/MDTAA:HGPE/T1/2A/J//EAQE/PL//TS//E//NN//E//@N/
/E//UN//E//N//K/J//E//DN//E//RN//E//EN//RF/CJ
F/CNF/CFE/CCF/CKF/CTF/CZF/CLF/CWF/RHF/RVF/RPF/RQF/ROF/RBF/R////F/
RMF/R////E//R////PBDP"DPXDPEDPSJPUJPDJPRJPJJPNJPFJPCJPKJPTJPZ
JPLJPWJPHJPYJPPJPQJPOJPBJP"JPMJPEJ////Q/N11/2//////QF
N//1/2////K//1/2/GD/F:I/UII/U@A/F:/EOD1/2/PI/QOCU/PM/T@/ZA1/2I/KRIQOY//T1/2S
UN@I/A@IT1/2T/QOKS/PK//LV//J//EAP//PTS//E:UNL//P//////U@//W/E@
N//N//P@1/2//QEN11/2//////QFN//1/2//K//1/2/VEPOVEY
OVE/CVEPBVE/NVEYBVETC VETAVELOWA@:Y:/C/N/F:I/UII/U/R/FK/EOD1/2/PZ/QOC
U/PVUTAGE/JY/QOFS/PMUTAVU/F1/2I/URI/U1/2ITF1/2ITAME/JV/QOFS/PK/D/GUTAMU/
F:I/UII/UGU/FSECOD1/2/PUEQOCU/PVU/SORTAPEI/GU/SOUTAOE/J//EAZE/PTS//
//////1/2:/E//AN//E//Y//E//O//A//////PBD//
//Q@N11/2//////QFN//1/2//K//1/2//:HOXEWOU/F:I/UII/UMU/FI/E
OD1/2/P1/2/QOCU/PVDTAVD/F:I/UII/UVU/F1/2I/URI/UGU/FL/QOD1/2/PH/QOCU/PVDTAV
D/F:I/UII/UVU/F"/EOD1/2/PX/QOCU/P:RHAK/D/VDT/GUTAOU/F1/2I/URI/UVU/FIEQ
OYD/P1/2EQOCU/POUTAMEHGA:WGE:/TEJQO1/2EQOE/OOE/J//EAQE/PGE/J//EAQE/PT
S//A//:N//E//SN//VEEG//////1/2://PBDP"D////QAN11/2//////
//////QFN//1/2//K@1/2NQ//IN//F/QO/EQ/@JQAA:QGNs/P@//J//EAN//PTS/
/M//K/D//////1/2I//////1/2/TYRYRYR@//////1/2/TGNIWBN//////1/2/TL:DL:D//
//////1/2/TMOZAUVC//////1/2/THJHJHJVE//////1/2/THOC@"DVE//////1/2/TZ1/2:@Z1/2VE//
//////PA1/2//////Q:N11/2//////QFN//1/2//K//1/2/N/F:I/UII
/U/J/F:/EPD1/2/PI/QOCU/PVUTAVA/JR/QOFS/PMUTAVU/F1/2I/URI/UMA/JZ/QOFS/P
GUTAVU/F1/2I/URI/U1/2ITF1/2ITAMA/JG/QOFS/POUTA1/2ITF1/2ITAGU/FK:1/2E:/EOK/D//E
QOYD/P@EQOCU/PVUTAOU/F1/2I/URI/UGU/FDEQOYD/P1/2ITF1/2ITAFEQOCU/PGUTAMUT/
OUTAMU/F1/2I/URI/UMU/FPEQOYD/POEQOCU/PPUTAVUT/HUTAHU/F:I/UII/UK/R/MU
/FE@COD1/2/PA@QOCU/P@JTA/:HOYAWOGU/F1/2I/URI/UOU/F:I/UII/UHU/FK@QOD1/2/P
Z@QOCU/PVDTAVU/F1/2I/URI/UPU/F:I/UII/UVU/F"@QOD1/2/PX@QOCU/PMDTAK/J/MU
/F:I/UII/UVU/F:ACOD1/2/PIAQOCU/P:JHAMD/FRA@COD1/2/PNAQOCU/PIJHAMD/HUTA
GA/J//EAHE/PTS//I//////E//IN//E//Y//E//O//////P
"J////QSN11/2//////QFN//1/2//K//1/2/CE/F:I/UII/UOU/F1/2I/UR
I/UMU/FU/QOD1/2/PD/QOCU/POUTAPU/F1/2I/URI/UMU/FT/QOD1/2/PL/QOCU/PPUTAWEH
GE:WGGE/TZE/:WAL/" :TIVUTAVU/:E:PGHE/TE:YGK/D/VUYBVUPOHE/TIE/J//EAL
E/P@E//UN//////1/2I//////N@ETS//M@E@E//OE/
J//EAL/PE//@N//GE//VE/J//EAL/PU@//SN//////PUDPZDPBDP@D////QIN
11/2//////QFN//1/2//K//1/2/N/F:I/UII/UG//F:/EOD1/2/P1/2IT/:IT
ARIT/IITAM/T//FTA/:POV/YO/FIFK/EOD1/2/PZ/QOCU/P@FPA@EPGA:YGB//TE//:L
S/PF/Z//////1/2@/HGVALN1/2/M//JN1/2NK/D/FE/:NE/:V@E@E:LOV:/CCE/:R//:B//
:V//AV//NV//AV/WOPEW/WELCV/OAV//:E:LGYE/TLS/P//@////:E//F/REF/R@
F/RAF/R:F/RSF/RIF/RUF/R1/2F/RDF/R////PPDPQDPODPBDPQDP"DPMDPXDVPDPE
////QUN11/2//////QFN//1/2//K//1/2//:HO/NYO/RPOH/:C:RIFVU
/UMU/U:NSFGU/UOU/UY:/CVU/N/:CGU/NVE/JVU/A//T:MU/KOU/FMUTAVUT//:C
MU/F:AHAEHGE:PGA/:TE:YGE:/T/RTC/RTC/RTCK/D//NTC/ATA/AHBY:/C@R/F:I
/UII/U@N/F1/2E@OD1/2/PREQOCU/P@ATAXE/:EAQOWAU:ME/:YET/GD/SMDTALS/P////
/1/2/TV@E@E//////JN1/2N/NU@E/E//////PMDPXD////Q1/2N11/2////

////////////////CCCCC////////////////K^{1 1/2}////////////////1/2:////E////////////////Q/F^{1 1/2}///
//K/^{1 1/2}E////////////////1/2VE//@E/CE////////////////QEF^{1 1/2}////////////////K/^{1 1/2}////////////////YRYRY
RGE/EE////////////////Q@F^{1 1/2}////////////////K/^{1 1/2}@////////////////US^{1 1/2}PF^{1 1/2}LC//"/E/CC@/@////////////////Q
AF^{1 1/2}////////////////K/^{1 1/2}E////////////////I^{1 1/2}BCKKCE/ET/ECCC////////////////Q:F^{1 1/2}////////////////K/^{1 1/2}E/////////
/PO/PDC^{1 1/2}C/@A/@/CE////////////////QSF^{1 1/2}////////////////K/^{1 1/2}A////////////////YRYRYRTE//IE/T"@/O
/A/CEQIF^{1 1/2}////////////////K/^{1 1/2}@////////////////MXUK^{1 1/2}K^{1 1/2}IC/ET@EENC@EE////////////////QUF^{1 1/2}////////////////K/^{1 1/2}
A////////DPCCSKMV/@:EE@XC@/HEA/E/Q^{1 1/2}F^{1 1/2}////////////////K/^{1 1/2}E////////GQUGRRTV/AS/
@EXE////////QDF^{1 1/2}////

////////////////D////////////////CCCCC////////////////1/2MH//1/2MH/EIKHS@CE////////////////@@/TTS/////////
////////////////D////////////////QIC^{1 1/2}K^{1 1/2}@////////////////1/2I/K/DIL//D//

starting tape R-2

////////CCCCC////////CCCCC////////Q@N/^{1 1/2}K^{1 1/2}@^{1 1/2}////WA/:KWDE^{1 1/2}//P
Q@N^{1 1/2}////////QIN/^{1 1/2}KB^{1 1/2}EWAT/KX^{1 1/2}E@E/PK@DE@E//QIN^{1 1/2}////////

*connections for
amplifier.*

O////////CCCC////////MH//1/2MH/EIKHS@:////E:@/TTS////////

starting for 2-2'?

7//////////QFN¹/₂//////K¹/₂/VEQOQUQG/:UCVU/F:ITAGUT/S:TCIITAJ:/C/:
PO"EYOMU/NMU/UPUIUBEPGA:YGME/TMUQOCAU:ME/COU/NU:TCVDTAVDQOU:PO/CQ/
/NPAA:QGA:PGGE/OGUQORAU:K/D/PU/NU:TCVDTAVDQOU:PO/CQ/RNPAA:QGA:PGGE
/OA:/CPU/NOU/NGU/NMU/NVDTAVDQOY:/C@FUFWEQOD¹/₂/PYEQOCU/PVDTALS/PVECC

"E//I//R/////////:E//////////QDN¹/₂//////////QFN¹/₂//////K/
¹/₂//NPORNYOH:/CENIFMU/UVU/UJNSFOU/UGU/UVUT/GUTCVUTAF:/CVU/NVU/UGU/U
J:/CVU/NVU/AMU/KOU/FMU/SE:/MMUTFPUTAPU/@PU/@PU/AEQOPUQG/:UCMU/FK/
D/:ITAPUT/S:TCIITAVUQOY:/C@RUFUEQOD¹/₂/PDEQOCU/P¹/₂IT/:ITARIT/IITAMD/F
¹/₂I/URI/UGUQO@JUFHEQOD¹/₂/PPEQOCU/PMDTAE:YGE:/TE:PG:/TMD/FLS/P:E////
///QRN¹/₂//////////QFN¹/₂//////K¹/₂@////////¹/₂:/K/R@////////¹/₂/T////////
//////////CCCCCC//////////QFN¹/₂//
///K¹/₂@////////¹/₂:/ECCCK/D@////////¹/₂/TQWF¹/₂//////K¹/₂@////////N@/K/D@////////¹/₂/Q
HF¹/₂//////K¹/₂@YRYRYR@/K/D@YRYRYR//QYF¹/₂//////K¹/₂@////////R@/K/D@////////N/
/QPF¹/₂//////K¹/₂@////////¹/₂@/K/D@////////¹/₂/TQ@F¹/₂//////K¹/₂@JYRYRF//K/D@YRYRY
RMEQOF¹/₂//////K¹/₂@////////N//K/D@////////¹/₂V@QBF¹/₂//////K¹/₂@YRYRYR//K/D@//
///¹/₂/TQ" F¹/₂//////K¹/₂@JYRYRD//K/D@YRYRYRGCQMF¹/₂//////K¹/₂@////////¹/₂/K/D@/
////////¹/₂/TQCF¹/₂//////////QFN¹/₂//////K¹/₂////////¹/₂://E//
//////////Q/F¹/₂//////K¹/₂E//E//I WUERJVC//@/E/CC//////////QEF¹/₂////
/K¹/₂////E//I WUERJVC/EE//////////Q@F¹/₂//////K¹/₂@////////JDE:WCH
E//"/E/CC@/@////////QAF¹/₂//////K¹/₂E//@//DLOEV¹/₂OC/EI/EECC//////////Q:F
¹/₂//////K¹/₂E//@//NZ"DRRHC@A/@/CC//////////QSF¹/₂//////K¹/₂A//A//Y
RYRYRC@//E/T"@/A/CEQIF¹/₂//////K¹/₂@//A//SCDVDCCE/ET@EENC@EE//
///QUF¹/₂//////K¹/₂A//A//YRYRYRNC@:EE@XC@/HCA/E/Q¹/₂F¹/₂//////K¹/₂E/
//A//BVTDZDRE/AS/@EXE//////////QDF¹/₂//////////QFN¹/₂////
//K¹/₂@////////E/KR¹/₂AE//E/E/EECKH¹/₂:@//@/E/EEVC/@E/KV¹/₂SA//A/E/@EXE
E@A//ACEK¹/₂DI:////E/AEMC@@I/EAME/:E//////////QCF¹/₂//////////Q
FN¹/₂//////K¹/₂AE//E/E/EE/KR¹/₂AE//@/E//@ECKH¹/₂SA//A/E/@EECC@CC/AE/K
V¹/₂SA///:E/AEVEEA@//:ECK¹/₂DUS///S/E:EXEA@@@A@/E:XC/SE//////////QKF¹/₂/
//////////QFN¹/₂//////K¹/₂:@//@/E/EE@//@E/KR¹/₂SA//A/E/@EE/E@
EE/AECKH¹/₂:@//:E/@@VC/:E/KV¹/₂US///S/E:EECA@VE@A@/E:E//SCK¹/₂D¹/₂I///
I/E/SEVC:@CCAA:/@:EEESVC/IE//////////QTF¹/₂//////////QFN¹/₂////
K¹/₂SA//A/E/@EA/E@A//AE/KR¹/₂SA///:E/AE@/EAVC/:ECKH¹/₂US///S/E:EE/A@
VC@AVCE:E//SE/KV¹/₂SA//I/E/@XC@:A//ICEK¹/₂DDU//U/E/IEECS@XC:AA/A:A/
@SX@EICC/UE//////////QZF¹/₂//////////QFN¹/₂//////K¹/₂I:////E/AE:
/@I/EA://:E/KR¹/₂US///S/E:EA/A@@/@AVCE:XC/SCKH¹/₂I///I/E/SE@/:@CCA
AME@:ECES@//I/E/KV¹/₂DU//U/E/IEE/S@XC:AXCA:A/@SA/E/ICE/UECK¹/₂DI:////¹/₂/E
/I@M@:./I/@IMC/¹/₂E//////////QLF¹/₂//////////QFN¹/₂//////K¹/₂@////////
E/KR¹/₂AE////////E/EECKH¹/₂:@//E/EEVC@@E/KV¹/₂SA////E/EEXC@@A/AACE////
/QRF¹/₂//////////QFN¹/₂//////K¹/₂AE////E/EEE/KR¹/₂AE////E/@@C
CKH¹/₂SA////E/EECC@@CCAAE/KV¹/₂SA////E/EEVCAA@/:CC////QJF¹/₂////////
//////////QFN¹/₂//////K¹/₂:@//E/EE@//@E/KR¹/₂SA////E/EEE/@@CCAAE
CKH¹/₂:@//EE/@@VC/:E/KY¹/₂E//E/KV¹/₂US////E/EECC@@VCAA@/:E/SSE@////C
EE///QNF¹/₂//////////QFN¹/₂//////K¹/₂SA////E/ESA/@@A/AAE/K
R¹/₂SA////E/EE@/AAVC/:ECKH¹/₂US////E/EEE/@@VCAA@/:E/SSE/KV¹/₂SA////E
/@@XC:./A/I/ICE//////////QFF¹/₂//////////K¹/₂/QEHO/
NYO/RPOY:/CARIFOETRVU/UMU/UANSFOETRGU/UOU/UVU/N/:/CGU/NVE/JVU/AMU/
KOU/FMUTAVUT//:/CMU/FI@HAQEHGE:PGA:/TE:YGE:/T/RTC/RTC/RTCK/D//NTC/
@TA/@HBY:/C@R/F:I/UII/U@N/F¹/₂ECOD¹/₂/PREQOCU/P@TAXE/:EQ@OWAU:ME/:YET
/GD/SMDTALS/P////////¹/₂/TVCC@//E@//////////JN/N/NU@E/E//////////PMDP
XD//////////Q¹/₂N¹/₂//////////K¹/₂//NPORNYO/NIF@ATRVU/UMU/URN@F@AT
RGU/UOU/UVUT/GUTIVUTAF:/CVU/NVU/UGU/UJ:/CVU/NVU/AMU/KOU/FMU/SE:/MM
UTFPUTAPU/@PU/@PU/AEAQOPUQG/:UCK/D/MU/F:ITAPUT/S:TCIITAVUQOY:/C@RU
F¹/₂ECOD¹/₂/PREQOCU/P¹/₂IT/:ITARIT/IITAMD/F¹/₂I/URI/UGUQO@JUFYEQOD¹/₂/PQEQOC
U/PMDTAE:YGE:/TE:PG:/TMD/FLS/P//////////QRN¹/₂//////////MY//¹/₂
K¹/₂ES:TKKS¹/₂E@ST/MY//¹/₂//////Q/N¹/₂KH¹/₂E:@:FK¹/₂JEO//Q/N¹/₂//////QEN¹/₂KA¹/₂E
@@/FKB¹/₂@U:PODS/PQEN¹/₂//////////Q/N¹/₂K/J:////E//////////EQ/N¹/₂//////QUN¹/₂
P@QUN¹/₂//////////Q@N¹/₂K"Q@Y@/KXDE@/Q/Q@N¹/₂Q:N¹/₂K¹/₂ENS/OQ:N¹/₂QSN¹/₂KVJE
H@/PKYJED@/K@JY/@@@N¹/₂Q@/K@Q@:Q@XED@/QTA/Q@BK@DE@Q@TAK@DE@Q@Q@
C@N¹/₂//////////Q@N¹/₂K://////////Q@J:////E//KXJ//

was
function

should
be

Various modifications not included

+1/2//////////KHRIH@//@FTKVATAVAQOB@/PT///KT1/2EH@/P//////////PERMMAR1/2////

////////CCCCCCCCCCCC////////////QFN/1/2K/1/2/R/TEYETE/@/:E@
/:@@/:A@/:Y:/CI@PO/A/F:I/UII/U/FP/ESTISSIVATAVA/:@R/FZ/EO1/2/PW/QO
CU/PORTAVAT/" :TIVATAVA/:E:PG///TWFP/ESTISSIMATAK/D/WKP/ESTISSIVA
TAMA/:@AT//RTAMAT/" :TIMATAMA/:VA/:@AT//R/S/JTAVAT/" :TIVATAVA/:@/:
U@PO:AT/NNISA:PGE//TS@/:@/:IAT/GRTAD@/:DS/Q///K/RRZ//:H/EIH//1/2K/
@NIC/NIC1/2ND//L//V:@1/2V:R1/2//////////P:RPSRME:R1/2//////////
//////////H//////////
//////////ME:@1/2K/J1/2CBX@"R:/BNIWBD/:SMGEW@/IWBNIIP:/ME:R1/2H//////////EEE
EEEEEE//////////CCCCCCCCCCCC//////////
//////////Q/C/1/2KLJ@EE/MA@/ /C1/2 FN/1/2K/1/2/IN/F:I/UII/UC@/F
:/COD1/2/PI/QOCU/PVATAVA/F:I/UII/UC@/FF/EO1/2/PK/QOCU/PINTA/N/FW/EO1/2
/P1/2IT/:ITARIT/IITA:N/F1/2I/URI/U@FTKVATAVAQONNUFK/D/EO1/2/PAQONNUF
VA/UMA/UVATFVATAVAT/MA/JREQOD1/2/PNEQOCU/PVATAT@/F:I/UII/U:N/F1/2I/URI
/UVA/FP/EO1/2/POEQOCU/P:NTAC@/FMEEO1/2/P1/2IT/:ITAK/RLRIT/IITA/N/FA@EO
D1/2/PB@OCU/P1/2ITAN@/J/EAJ@/RTS//EE//XA@//////////1/2://////////1/2/T//////////MMA
R1/2QFN/1/2K/1/2/1/2IT//TAM//:X//:GU/C@F/NMU/CAF/NPUTAPU QVU/C/EUFV//:I/
UII/U@N/F1/2I/URI/U//FW/OD1/2/PY/QOCU/PONTAOU/J/EA"//PTS//CAR:VA@:E
A@:////K/D1/2//////////1/2:T"H@FFVE//////////1/2QVN"FMKND@JDP"1/2MEKPDII//////////1/2/
//////////@OEJUDMEK/R@@EVWKRGEKNRI//////////1/2//////////F@:RQKGEKPROBBDM
1/2GEK@J@MOZAUCMEK1/2J@MFC"DDGEKOJ@MOZAUCMEKVJ@USUGY1/2GEMXAR1/2QFN/1/2K1/2@M
QZAUCMEKH1/2@CWKAECOEK:D@//////////1/2MEKGD@//////////1/2MEKTR@//////////1/2MEKIJ@//////////1/2M
EKOJ1/2EE//EC//H//////////@//////////E//////////PBUMVAR1/2//////////H//////////
//////////QFN/1/2K/1/2/R/TEE/TE/A/:EA/:@A/:AA/:Y:/C:APOM@/F
:I/UII/U/FP/ESTISSIVATAVA/:@R/FZ/EO1/2/PW/QOCU/PORTAVAT/" :TIVATAVA
/:E:PG///TV@/F:I/UII/USAPOK/D/WFP/ESTISSIMATAWKP/ESTISSIVATAMA/:
/R/FREEO1/2/PNEQOCU/P/RTA/J/FTEEO1/2/PLEQOCU/P/JTAMAT/" :TIMATAMA/:VA
/:/R/F"EO1/2/PXEQOCU/P/RTAK/RW/J/FE@EO1/2/PA@QOCU/P/JTAVAT/" :TIVATA
VA/:E:PGE//TIA/:@OT/CRTAG@T/RTAJA/:DS/QK/J1/2Z//:H/EIH//1/2K/@ND//N/
//MA@1/2MAR1/2//ME:R1/2//////////H//////////ME:@1/2KOR1/2BNIWBD:/WB
NIWZVECBX@"R:/BNIWBD:/ME:R1/2H//////////EEEEEEEEEEEE//////////
//////////CCCCC//////////CCCCC//////////CCCCC//////////MMA@1/2KGR@//////////O@MMAR1/2H//
//MMA@1/2KGR@//////////O:MMAR1/2H//////////EEEEEEEEEEEE//////////

O/////////CCCCCCCC/////////CCCCCCCC/////////QFN/1/2K/1/2/
@FTKVATAEAQO/AUF1/2I/URI/UM@/JU/QOFS/PMATA1/2F/N1/2I/URI/UG@/F:I/UII/UVA
QO/AUFL/QOD1/2PH/QOCU/PGATAMA/F:I/UII/UVAQO/AUFM/QOD1/2PV/QOCU/PK/D/
DATA:N/F:I/UII/UDA/FSEEQD1/2/PUEQOCU/P:NTA@F QAFQGZE/TV@/J//EATE/PTS
//ZE//N/F:I/UII/UGA/FPEEQD1/2/P1/2ITF:ITARIT/IITAG@/FXEQD1/2/P1/2IT/K/RH
:ITARIT/IITAMA/F:@EQD1/2/P1@QOCU/P1/2IT/:ITARIT/IITA@N/FF@QOYD/PK@QOCU
/P@NTAW@/PNE//KGR I////O:/E//Y//EE//EC//K/JH////1/2:////1/2I////
/1/2I////NI////NI////NI////1/21/2////1/22/2////1/22/2////1/22/2////
/////////PCRMAR1/2////////

*puts bottom line of VE 1 20
= THH*

/////////CCCCC/////////CCCCCC/////////QWF/1/2KC1/2ET///QWF1/21/2QWK/
1/2KE1/2ET///WK1/21/2/////////H/////////CCCCCCCCCCCCCCCC
CC/////////C/1/2KCREAA/PK:JJ1/2A/JSA QFS/PCA/PCE//XA@/////////
/////////C@//////C1/21/2/////////FN/1/2K/1/2/G//:"//T:V//C@F/NM//CAF/N
V/TAV/ QO//C/E /V/TAIN/F //:1/2I/URI/JV//FZ/ QYD/PW/ OCU/PINTALS/PCA@
://E////CAR:VA@:@/////////H/////////K/D:////1/2:////O@/KPD@////1/2:/KG
D@////O@/KNR@////1/2:/KTR@HTVXL//K@J@////1/2:/K1/2J@////O@/KOJ@////
1/2:/KVJ@U TWNZ//IXAR1/2QFN/1/2KC1/2@////1/2:/KH1/2@GNOVYH//K:D@////1/2:/KGD@//
///1/2:/KTR@////1/2:/KIJ@////1/2:/MVAR1/2/////////H/////////EEEEEE////////

connection tape for complete set.

QEN/1/2 KXRE WAT/ REVERSE
 KXRE WAT/ REVERSE

QEN/1/2 KXRE WAT/ REVERSE
 KXRE CRIP
 KXRE CRIP REVERSE

These functions are only used for the
 duration of the test. The rest of the
 set all work in all work bins = 1111

List of Tracks used

0	1s		
1	2s	H ₂ ⁺	/E - E , BA-DA, /D - LD
2	2p	A/B	L/VA - V/ (LD IA?) AE - IE
3	3s	LRVS	/D - HD, XD IA - IA
4	3p		
5	3L		
6	4s		
7	4p		
8	4L		
9	4L		

1
 36.496575

2
 ✓ A =
 ✓ A =
 ✓ A =
 ✓ A =
 ✓ A =
 ✓ A =
 ✓ A =
 ✓ A =
 ✓ A =
 ✓ A =
 ✓ A =

40.68169

B7 = TV & S

$$\sqrt{117} = 0.0924500$$

$$(13.5)^2 = 3.6742346$$

$$12 = 4.2426407$$

70.717769

1/2 SAN

00001
 00010
 00011
 00100
 00101
 00110
 00111
 01000
 01001
 01010
 01011
 01100
 01101
 01110
 01111
 10000
 10001
 10010
 10011
 10100
 10101
 10110
 10111
 11000
 11001
 11010
 11011
 11100
 11101
 11110
 11111

Q A

1s	1	6.4
2s	1	6.4
2p	1	6.4
3s	1/2	.3698 x 2 ⁻²
3p		0.272166
3d		0.471665 x 2 ⁻¹
6s		0.452503 x 2 ⁻⁵
4p		0.393297 x 2 ⁻⁴
4d		0.580210 0.436397 x 2 ⁻⁴
4f		0.278886

1s	1111
2s	
2p	
3s	VWXY GJ Mf
3p	ZQRPPk
3d	l f P @ K 1/2
6s	SBWJKCF
4p	CBZQLND
4d	R L N X / C O f
4f	R S Z L X Y /