

	2SK216		2SJ79
1	*** NMOS 500mA 200V origineel .MODEL 2SK216headfi NMOS (VTO=-56.0259 KP=20U L=2U W=10.3184M GAMMA=0 PHI=600M + LAMBDA=2.12826M CBD=1.80316N IS=10F CGSO=1.13517N CGDO=1.13517N + TOX=0 NSUB=0 TPG=1 UO=600 RG=500 RDS=1MEG)		*** P-Channel -120V -.5A origineel .MODEL 2SJ79headfi PMOS (VTO=322.944M KP=20U L=2U W=3.50594M GAMMA=0 PHI=600M + LAMBDA=24.1203M RD=1.88227 IS=10F CGSO=1.65276N CGDO=1.65276N TOX=0 NSUB=0 + TPG=1 UO=600 RG=50 RDS=1MEG)
2	*** NMOS 500mA 200V origineel .MODEL 2SK216- NMOS (VTO=-41.5076M KP=20U L=2U W=11.0669M GAMMA=0 PHI=600M + LAMBDA=1.73074M RD=118.643 CBD=157.257P IS=10F CGSO=1.65276N CGDO=1.65276N + TOX=0 NSUB=0 TPG=1 UO=600 RG=10 RDS=1MEG GDSNOI=0)		*** P-Channel -120V -.5A origineel .MODEL 2SJ79- PMOS (VTO=150M KP=20U L=2U W=3.50594M GAMMA=0 PHI=600M + LAMBDA=24.1203M RD=1.88227 IS=10F CGSO=1.65276N CGDO=1.65276N TOX=0 NSUB=0 + TPG=1 UO=600 RG=10 RDS=1MEG GDSNOI=0)
3	*SRC=2SK216;QSK216;MOSFETs N;Gen. Purpose;200V 500mA .MODEL QSK216 NMOS (LEVEL=1 VTO=15 KP=80M GAMMA=18.6 + PHI=.75 LAMBDA=521U RD=.84 RS=.84 IS=250F PB=.8 MJ=.46 + CBD=658P CBS=790P CGSO=26.4N CGDO=22N CGBO=852N) * -- Assumes default L=100U W=100U -- * 200 Volt .5 Amp 6 ohm Enh-Mode N-Channel MOSFET 07-28-1995 * 2SK216, TOSHIBA, 1993 JAPANESE FET MANUAL, P.38		*SRC=2SJ79;QSJ79;MOSFETs P;Gen. Purpose;200V 500mA .MODEL QSJ79 PMOS (LEVEL=1 VTO=-15 KP=122N GAMMA=18.6 + PHI=.75 LAMBDA=1.04M RD=.84 RS=.84 IS=250F PB=.8 MJ=.46 + CBD=862P CBS=1.03N CGSO=57.6N CGDO=48N CGBO=1.09U) * -- Assumes default L=100U W=100U -- * 200 Volt .5 Amp 6 ohm Enh-Mode P-Channel MOSFET 07-28-1995 * 2SJ79, TOSHIBA, 1993 JAPANESE FET MANUAL, P.16
4	.MODEL 2SK216FD NMOS Level=1 AF=1 CBD=658P CBS=790P CGBO=852N + CGDO=22N CGSO=26.4N CJ=0 CJSW=0 FC=0.5 GAMMA=18.6 IS=250F + JS=0 KF=0 KP=80M LAMBDA=521U LD=0 MJ=.46 TOL=30% MJSW=0.5 + NSS=0 NSUB=0 PB=.8 PHI=.75 RD=.84 RS=.84 RSH=0 TNOM=27 + TOX=1E-7 TPG=1 UO=600 VTO=15		.MODEL 2SJ79FD PMOS Level=1 AF=1 CBD=862P CBS=1.03N + CGBO=1.09U CGDO=48N CGSO=57.6N CJ=0 CJSW=0 FC=0.5 + GAMMA=18.6 IS=250F JS=0 KF=0 KP=122N LAMBDA=1.04M LD=0 + MJ=.46 TOL=30% MJSW=0.5 NSS=0 NSUB=0 PB=.8 PHI=.75 RD=.84 + RS=.84 RSH=0 TNOM=27 TOX=1E-7 TPG=1 UO=600 VTO=-15
5	***** From diyaudio 2011_08 .MODEL bob216 NMOS (LEVEL=1 VTO=.1 KP=60M GAMMA=18.6 + PHI=.75 LAMBDA=521U RD=.84 RS=.84 IS=250F PB=.8 MJ=.46 + CBD=658P CBS=790P CGSO=26.4N CGDO=22N CGBO=852N) *****		***** From diyaudio 2011_08 .MODEL bob79 PMOS (LEVEL=1 VTO=-.1 KP=40m GAMMA=18.6 + PHI=.75 LAMBDA=1.04M RD=.84 RS=.84 IS=250F PB=.8 MJ=.46 + CBD=862P CBS=1.03N CGSO=57.6N CGDO=48N CGBO=1.09U)
6	.MODEL 2SK216 NMOS (VTO=-56.0259M KP=20U L=2U W=10.3184M GAMMA=0 PHI=600M + LAMBDA=2.12826M CBD=1.80316N IS=10F CGSO=1.13517N CGDO=1.13517N TOX=0 NSUB=0 + TPG=1 UO=600 RG=50 RDS=1MEG)		.MODEL 2SJ79 PMOS (VTO=322.944M KP=20U L=2U W=3.50594M GAMMA=0 PHI=600M + LAMBDA=24.1203M RD=1.88227 CBD=1.6459N IS=10F CGSO=1.13517N CGDO=1.13517N + TOX=0 NSUB=0 TPG=1 UO=600 RG=50 RDS=1MEG)

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+ VTO=-40.5279M
 + KP=20U
 + L=2U
 + W=11.1026M
 + GAMMA=0
 + PHI=600M
 + LAMBDA=1.79284M
 + RD=118.74
 + CBD=157.257P
 + CGSO=617.586P
 + CGDO=617.586P
 + TOX=0
 + NSUB=0
 + TPG=1
 + UO=600
 + RG=15.7297
 + RDS=1MEG)

