

	M1	M2	M3	M4	M5a	M5b	M5c	M5d	M6	M7	M8
Model	cmosp	cmosp	cmosn	cmosn	cmosn	cmosn	cmosn	cmosn	cmosp	cmosp	cmosp
Id	−94.9u	−94.9u	94.9u	94.9u	410.0u	410.0u	410.0u	410.0u	−1.6m	−190.0u	−100.0u
Vgs	−767.0m	−767.0m	804.0m	804.0m	805.0m	805.0m	805.0m	805.0m	−938.0m	−938.0m	−938.0m
Vds	−1.2	−1.2	804.0m	805.0m	1.3	1.3	1.3	1.3	−1.2	−483.0m	−938.0m
Vbs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vth	−663.0m	−663.0m	577.0m	577.0m	569.0m	569.0m	569.0m	569.0m	−663.0m	−663.0m	−663.0m
Vdsat	−140.0m	−140.0m	208.0m	208.0m	214.0m	214.0m	214.0m	214.0m	−270.0m	−270.0m	−270.0m
Vov	−104.0m	−104.0m	227.0m	227.0m	236.0m	236.0m	236.0m	236.0m	−275.0m	−275.0m	−275.0m
Gm	1.1m	1.1m	730.0u	730.0u	3.0m	3.0m	3.0m	3.0m	10.1m	1.2m	617.0u
Gds	10.5u	10.5u	15.9u	15.8u	57.5u	57.5u	57.5u	57.5u	125.0u	32.3u	8.8u
Gmb	482.0u	482.0u	229.0u	229.0u	955.0u	955.0u	955.0u	955.0u	4.4m	510.0u	270.0u
gm/Id	−11.8	−11.8	7.7	7.7	7.4	7.4	7.4	7.4	−6.2	−6.2	−6.2
Va	−9.0	−9.0	6.0	6.0	7.1	7.1	7.1	7.1	−13.1	−5.9	−11.4
selfgain	106.7	106.7	45.9	46.2	53.0	53.0	53.0	53.0	80.8	36.2	70.1
Cgstot	276.8f	276.8f	24.5f	24.5f	97.6f	97.6f	97.6f	97.6f	1.1p	142.4f	71.3f
Cgdtot	109.6f	109.6f	7.5f	7.5f	30.0f	30.0f	30.0f	30.0f	438.0f	55.0f	27.4f
Cbdtot	167.6f	167.6f	15.6f	15.6f	56.8f	56.8f	56.8f	56.8f	668.0f	99.9f	44.4f
Cbstot	294.0f	294.0f	23.4f	23.4f	93.7f	93.7f	93.7f	93.7f	1.2p	148.0f	74.0f
Cbdj	83.8f	83.8f	7.8f	7.8f	28.5f	28.5f	28.5f	28.5f	334.0f	49.9f	22.2f
Cbsj	119.0f	119.0f	10.1f	10.1f	40.4f	40.4f	40.4f	40.4f	475.0f	59.3f	29.7f
Cgsov	54.8f	54.8f	3.9f	3.9f	15.4f	15.4f	15.4f	15.4f	219.0f	27.4f	13.7f
Cgdov	54.8f	54.8f	3.9f	3.9f	15.4f	15.4f	15.4f	15.4f	219.0f	27.4f	13.7f
Cgbov	10.0a	10.0a	901.0z	901.0z	3.6a	3.6a	3.6a	3.6a	40.1a	5.0a	2.5a
Cgg	302.0f	302.0f	25.7f	25.7f	103.0f	103.0f	103.0f	103.0f	1.2p	154.0f	77.0f
_Cgd	−54.8f	−54.8f	−3.6f	−3.6f	−14.6f	−14.6f	−14.6f	−14.6f	−219.0f	−27.6f	−13.7f
_Cgs	−222.0f	−222.0f	−20.6f	−20.6f	−82.2f	−82.2f	−82.2f	−82.2f	−921.0f	−115.0f	−57.6f
_Cdg	−133.0f	−133.0f	−11.3f	−11.3f	−45.0f	−45.0f	−45.0f	−45.0f	−549.0f	−68.9f	−34.3f
Cdd	139.0f	139.0f	11.6f	11.6f	43.4f	43.4f	43.4f	43.4f	553.0f	77.5f	35.9f
_Cds	112.0f	112.0f	10.0f	10.0f	39.8f	39.8f	39.8f	39.8f	468.0f	58.6f	29.3f
_Cbg	−35.7f	−35.7f	−3.2f	−3.2f	−12.8f	−12.8f	−12.8f	−12.8f	−134.0f	−16.6f	−8.4f
_Cbd	−83.8f	−83.8f	−7.8f	−7.8f	−28.3f	−28.3f	−28.3f	−28.3f	−334.0f	−50.0f	−22.2f
_Cbs	−175.0f	−175.0f	−13.3f	−13.3f	−53.3f	−53.3f	−53.3f	−53.3f	−708.0f	−88.7f	−44.3f
fT	461.3M	461.3M	3.6G	3.6G	3.8G	3.8G	3.8G	3.8G	1.0G	943.3M	994.9M
fD	401.1M	401.1M	2.9G	2.9G	3.1G	3.1G	3.1G	3.1G	889.1M	768.5M	848.7M