

## List1

	STW26NM50	FSW25N50A	STW26N60M2
Cena 10+	4,34		2,74
Vds	500,00	500	600
Vgs	+30		25
Id @ 25 cont.	30,00	25	20
Id @ 100 cont.	18,90	17	13
Idm puls.	120,00	100	80
Ptot @ 25 derating f.	313,00 2,50	230 1,84	169
Vesd	6000,00	6000	
dv/dt	15,00	5	15
Tjmax	150,00		150
Rthj-case	0,40	0,54	0,74
Rthj-amb	62,50	62	50
Tsolder	300,00	300	
Iar	13,00		3,8
Eas @ 25, Id=Iar, Vdd=50 V	740,00		250
Vbrdss @ 250 uA, Vgs =0	500	500	600
Idss	10	10	1
Idss @ Tc = 125	100	250	100
Igss @ Vgs = 20	10	10	10
Vgsth, Vds = Vgs, Id = 250 uA	4	3	3
Rdson, Vgs = 10, Id = 13	0,1	0,18	0,14
Gfs, Vds = 15, Id = 13	20	24	
Ciss , Vds = 25, f = 1 M	3000	4900	1360
Coss	700	410	88
Crss	50	44	2
Coss eq., Vgs = 0, Vds = 0 to 400	300		124
Qg, Vdd = 400, Id = 26, Vgs = 10	76	96	34
Qgs	20	18	5,6
Qgd	36	41	16,3
tdon, Vdd=250,Id=13,Rg=4.7,Vgs=10	28	53	20,2
tr	15	117	8
tdoff	13	307	66
tf	19	138	10
Isd	26	25	20
Isdm puls.	104	100	80
Vsd, Isd=26, Vgs=0	1,5	1,5	1,6
trr,Isd=26, di/dt=100A/us,Vdd=100	400	558	360
Qrr	5,5	6,1	5
Irrm	27,8		27
trr,Isd=26, di/dt=100A/us,Vdd=100,Tj=150	492		556
Qrr	7		8
Irrm	28,8		29
Bvgso, Igs = 1mA open d.	30		

## List1

	STW34NM60N	STW35N60DM2
Cena 10+	3,17	3,76
Vds	600	600
Vgs	25	25
Id @ 25 cont.	31,5	28
Id @ 100 cont.	20	17
Idm puls.	126	112
Ptot @ 25 derating f.	250	210
Vesd		
dv/dt	15	50
Tjmax	150	150
Rthj-case	0,5	0,6
Rthj-amb	50	50
Tsolder		
Iar		6
Eas @ 25, Id=Iar, Vdd=50 V	345	650
Vbrdss @ 250 uA, Vgs =0	600	600
Idss	1	10
Idss @ Tc = 125	100	100
Igss @ Vgs = 20	0,1	5
Vgsth, Vds = Vgs, Id = 250 uA	3	4
Rdson, Vgs = 10, Id = 13	0,092	0,094
Gfs, Vds = 15, Id = 13		
Ciss , Vds = 25, f = 1 M	2722	2400
Coss	173	110
Crss	1,75	2,8
Coss eq., Vgs = 0, Vds = 0 to 400	458	190
Qg, Vdd = 400, Id = 26, Vgs = 10	84	54
Qgs	14	14,6
Qgd	45	24,2
tdon, Vdd=250,Id=13,Rg=4.7,Vgs=10	18	21,2
tr	36	17
tdoff	104	68
tf	73	10,7
I <sub>sd</sub>	31,5	28
I <sub>sdm</sub> puls.	126	112
V <sub>sd</sub> , I <sub>sd</sub> =26, Vgs=0	1,6	1,6
t <sub>rr</sub> ,I <sub>sd</sub> =26, di/dt=100A/us,Vdd=100	412	120
Q <sub>rr</sub>	8	0,572
I <sub>rrm</sub>	39	10,2
t <sub>rr</sub> ,I <sub>sd</sub> =26, di/dt=100A/us,Vdd=100,Tj=150	490	215
Q <sub>rr</sub>	10	1,89
I <sub>rrm</sub>	43	17,7
B <sub>vgso</sub> , I <sub>gs</sub> = 1mA open d.		30