

## SIGMA WinMOS® Products List

SIGMA WinMOS® 500V Series										
Typical Applications: PC Power,Server Power,Telecom Power,Adapter										
									Product Schedule	
I <sub>D</sub> (A)	V <sub>DSS(min)</sub> (V)	V <sub>DSS(max)</sub> (V)	R <sub>DS(on) max</sub> (mΩ)	R <sub>DS(on) Typ</sub> (mΩ)	Qg (nC)	Part Number	Package	Product Status	Engineering Samples	Mass Production
9	500	550	450	400		SGB450N50W3	TO-263-3L	Designing	2014-Q2	2014-Q3
						SGF450N50W3	TO-220F-3L			
						SGT450N50W3	TO-220FB-3L			
14	500	550	250	220		SGB250N50W3	TO-263-3L	Designing	2014-Q2	2014-Q3
						SGF250N50W3	TO-220F-3L			
						SGT250N50W3	TO-220FB-3L			
18	500	550	210	190		SGF210N50W3	TO-220F-3L	Designing	2014-Q2	2014-Q3
						SGT210N50W3	TO-220FB-3L			
						SGW210N50W3	TO-247-3L			
22	500	550	160	135		SGF160N50W3	TO-220F-3L	Designing	2014-Q2	2014-Q3
						SGT160N50W3	TO-220FB-3L			
						SGW160N50W3	TO-247-3L			
30	500	550	110	95		SGT110N50W3	TO-220FB-3L	Designing	2014-Q2	2014-Q3
						SGW110N50W3	TO-247-3L			
SIGMA WinMOS® 600V Series										
Typical Applications: PC Power,Server Power,Telecom Power,Adapter,LED Lighting										
									Product Schedule	
I <sub>D</sub> (A)	V <sub>DSS(min)</sub> (V)	V <sub>DSS(max)</sub> (V)	R <sub>DS(on) max</sub> (mΩ)	R <sub>DS(on) Typ</sub> (mΩ)	Qg (nC)	Part Number	Package	Product Status	Engineering Samples	Mass Production
6	600	650	660	620	17	SGU660N60W3	TO-251-3L	In Productio		
						SGD660N60W3	TO-252-3L			
						SGI660N60W3	TO-262-3L			
						SGB660N60W3	TO-263-3L			
						SGF660N60W3	TO-220F-3L			
7	600	650	600	520	20	SGU600N60W3	TO-251-3L	In Productio		
						SGD600N60W3	TO-252-3L			
						SGI600N60W3	TO-262-3L			
						SGB600N60W3	TO-263-3L			
						SGF600N60W3	TO-220F-3L			
10	600	650	520	450	15	SGF10N60SJ	TO-220F-3L	In Productio		
						SGT10N60SJ	TO-220FB-3L			
11	600	650	380	340	30	SGB380N60SJ	TO-263-3L	In Productio		
						SGF380N60SJ	TO-220F-3L			
						SGT380N60SJ	TO-220FB-3L			
11	600	650	360	320		SGU360N60W3	TO-251-3L	In Productio		
						SGD360N60W3	TO-252-3L			
						SGI360N60W3	TO-262-3L			
						SGB360N60W3	TO-263-3L			
						SGF360N60W3	TO-220F-3L			
15	600	650	280	250		SGT280N60W3	TO-220F-3L	In Productio		
						SGW280N60W3	TO-220FB-3L			
						SGW280N60W3	TO-247-3L			
18	600	650	210	190	35	SGF210N60SJ	TO-220F-3L	In Productio		
						SGT210N60SJ	TO-220FB-3L			
						SGW210N60SJ	TO-247-3L			
20	600	650	190	170	37	SGF190N60SJ	TO-220F-3L	In Productio		
						SGT190N60SJ	TO-220FB-3L			
						SGW190N60SJ	TO-247-3L			
21	600	650	180	160	40	SGF180N60W3	TO-220F-3L	In Productio		
						SGT180N60W3	TO-220FB-3L			
						SGW180N60W3	TO-247-3L			
22	600	650	160	130	45	SGF160N60W3	TO-220F-3L	In Productio		
						SGT160N60W3	TO-220FB-3L			
						SGW160N60W3	TO-247-3L			

24	600	650	145	110		SGF145N60W3 SGT145N60W3 SGW145N60W3	TO-220F-3L TO-220FB-3L TO-247-3L	Designing	2014-Q1	2014-Q2
30	600	650	125	100		SGW125N60W3	TO-247-3L	Designing	2014-Q2	2014-Q3
35	600	650	100	90		SGW100N60W3	TO-247-3L	Designing	2014-Q2	2014-Q3

### SIGma WinMOS® 650V Series

Typical Applications: PC Power,Adapter,LED Lighting,Solar,Medical Power

									Product Schedule	
I <sub>D</sub> (A)	V <sub>DSS(min)</sub> (V)	V <sub>DSS(max)</sub> (V)	R <sub>DS(on) max</sub> (mΩ)	R <sub>DS(on) Typ</sub> (mΩ)	Qg (nC)	Part Number	Package	Product Status	Engineering Samples	Mass Production
3.5	650	700	1400	1100	10	SGU1K4N65W3	TO-251-3L	In Productio		
						SGD1K4N65W3	TO-252-3L			
						SGI1K4N65W3	TO-262-3L			
						SGB1K4N65W3	TO-263-3L			
						SGF1K4N65W3	TO-220F-3L			
5	650	700	1100	950	14	SGU1K1N65W3	TO-251-3L	In Productio		
						SGD1K1N65W3	TO-252-3L			
						SGI1K1N65W3	TO-262-3L			
						SGB1K1N65W3	TO-263-3L			
						SGF1K1N65W3	TO-220F-3L			
6	650	700	660	620	17	SGU660N65W3	TO-251-3L	In Productio		
						SGD660N65W3	TO-252-3L			
						SGI660N65W3	TO-262-3L			
						SGB660N65W3	TO-263-3L			
						SGF660N65W3	TO-220F-3L			
7	650	700	600	520	20	SGU600N65W3	TO-251-3L	In Productio		
						SGD600N65W3	TO-252-3L			
						SGI600N65W3	TO-262-3L			
						SGB600N65W3	TO-263-3L			
						SGF600N65W3	TO-220F-3L			
11	650	700	380	340	30	SGB380N65SJ	TO-263-3L	In Productio		
						SGF380N65SJ	TO-220F-3L			
						SGT380N65SJ	TO-220FB-3L			
11	650	700	360	320	30	SGU360N65W3	TO-251-3L	In Productio		
						SGD360N65W3	TO-252-3L			
						SGI360N65W3	TO-262-3L			
						SGB360N65W3	TO-263-3L			
						SGF360N65W3	TO-220F-3L			
15	650	700	280	250		SGF280N65W3	TO-220F-3L	In Productio		
						SGT280N65W3	TO-220FB-3L			
						SGW280N65W3	TO-247-3L			
20	650	700	190	170	37	SGF190N65SJ	TO-220F-3L	In Productio		
						SGT190N65SJ	TO-220FB-3L			
						SGW190N65SJ	TO-247-3L			
21	650	700	180	160	40	SGF180N65W3	TO-220F-3L	In Productio		
						SGT180N65W3	TO-220FB-3L			
						SGW180N65W3	TO-247-3L			

### SIGma WinMOS® 700V Series

Typical Applications: PC Power,Adapter,LED Lighting,Solar,Medical Power

									Product Schedule	
I <sub>D</sub> (A)	V <sub>DSS(min)</sub> (V)	V <sub>DSS(max)</sub> (V)	R <sub>DS(on) max</sub> (mΩ)	R <sub>DS(on) Typ</sub> (mΩ)	Qg (nC)	Part Number	Package	Product Status	Engineering Samples	Mass Production
5	700	750	1100	950	14	SGU1K1N70W3	TO-251-3L	In Productio		
						SGD1K1N70W3	TO-252-3L			
						SGI1K1N70W3	TO-262-3L			
						SGB1K1N70W3	TO-263-3L			
						SGF1K1N70W3	TO-220F-3L			
6	700	750	660	620	17	SGU660N70W3	TO-251-3L	In Productio		
						SGD660N70W3	TO-252-3L			
						SGI660N70W3	TO-262-3L			
						SGB660N70W3	TO-263-3L			
						SGF660N70W3	TO-220F-3L			

7	700	750	600	520	20	SGU600N70W3 SGD600N70W3 SGI600N70W3 SGB600N70W3 SGF600N70W3	TO-251-3L TO-252-3L TO-262-3L TO-263-3L TO-220F-3L	In Productio		
11	700	750	360	320	30	SGU360N70W3 SGD360N70W3 SGI360N70W3 SGB360N70W3 SGF360N70W3 SGT360N70W3	TO-251-3L TO-252-3L TO-262-3L TO-263-3L TO-220F-3L TO-220FB-3L	In Productio		

**SIGma WinMOS® 800V Series**

**Typical Applications: PC Power,Adapter,LED Lighting,Solar,Medical Power**

									Product Schedule	
I <sub>D</sub> (A)	V <sub>DSS(min)</sub> (V)	V <sub>DSS(max)</sub> (V)	R <sub>DS(on) max</sub> (mΩ)	R <sub>DS(on) Typ</sub> (mΩ)	Qg (nC)	Part Number	Package	Product Status	Engineering Samples	Mass Production
8	800	850	650	600		SGB650N80W3 SGF650N80W3 SGT650N80W3	TO-263-3L TO-220F-3L TO-220FB-3L	Designing	2014-Q3	2014-Q4
11	800	850	420	360		SGB420N80W3 SGF420N80W3 SGT420N80W3 SGW420N80W3	TO-263-3L TO-220F-3L TO-220FB-3L TO-247-3L	Designing	2014-Q3	2014-Q4
17	800	850	280	250		SGF280N80W3 SGT280N80W3 SGW280N80W3	TO-220F-3L TO-220FB-3L TO-247-3L	Designing	2014-Q3	2014-Q4