

PartNumber	Absolutes maximum ratings (Ta=25°C)								Electrical characteristics (Ta=25°C)																		
	V***		VGS*		IG	ID	Pd/Pch	Tj/Tch	IDSS(mA)			gm(mS)			Cis(pF)				Crs(pF)								
	(V)	mode	(V)	mode	(mA)	(mA)	(mW)	(°C)	min	max	VDS (V)	min	typ	max	VDS (V)	ID (mA)	typ	max	VGS (V)	VDS (V)	typ	max	VGD/ VGS* (V)	VDS (V)			
																									typ	max	typ
UP07	100																										
2N5465	60					310			4	16		2	4				5					16					
2SJ10																											
2SJ11	20	GDS			-10	100	150		-0.05	-0.9	-10	0.1		0.6	-10	IDSS	2	4		1				-0.9			
2SJ12	20	"			-10	100	150		-0.09	-0.9	-10	0.1		0.6	-10	"	2	4		1				-0.9			
2SJ13	20	GDS			-100	600	150		-1	-12	-10	1.5		6	-10	"	8	12		1				-12			
2SJ15	18	"	15	O	-10	200	175		-1.5typ		-12	0.2	1	3	-12	"	6			1							
2SJ16	18	"	15	"	-10	200	175		-1.5typ		-12	0.2	1	3	-12	"	6			1							
2SJ17	20	"	0.3	"	0.5	10	85		IDSO=-0.11	IDSO=-0.16	-9	0.2			-9	-9								IDSO=-0.16			
2SJ18	170	"			-0.5A	-5A	63W	120					u=4		-20	-1A	190			15							
2SJ19	140	"	30	O	-20	-100	800	150		-1.8	-48	-5		u=30		-10	-10							-48			
2SJ20	100	"	40	"	-100	-10A	100W	150		-3A	-8A	-5	u=2	u=4		-10	-1A	710		ID=-100mA				-8A			
2SJ21	160					15W					-300													-300			
2SJ22	80	"	0.5	"	0.5	1	50	85		-0.3	-0.7	-20	0.2			-20	-20							-0.7			
2SJ26																											
2SJ27																											
2SJ28	240	GDO	45	O		-10A	95W																				
2SJ29	110					10A	100W																				
2SJ32	150					28	600																				
2SJ33	200					28	600																				
2SJ39	50	"	50	"	-10	-20	150unit	125		-1	-12	-10	1.5		-10	IDSS	20			0				-12			
2SJ40	50	"				-10	300	125		-1	-12	-10	1.5		4		"	18		0							
2SJ43	50	"	50	O		20	250	125		-0.5	-12			8		-10	-3							-12	3.6	3* -10	
2SJ44	40	"	40	"	-10	-30	400	125		-1	-18	-10	7	9		-10	-1	50		0				-18	10	0* -10	
2SJ45	40	"	40	"	-10	-30	400	125		-1	-18	-10	7	9		-10	-1	50		0				-18	10	0* -10	
2SJ47	-100	DSX	-14	S		-7A	100W	150				0.6S	1S	1.3S	-10	-3A	900			-5				40		5* -10	
2SJ48	-120	"	-14	"		-7A	100W	150				0.7S	1S	1.4S	-10	-3A	900			5				40		5* -10	
2SJ49	-140	"	-14	"		-7A	100W	150				0.7S	1S	1.4S	-10	-3A	900			5				40		5* -10	
2SJ50	-160	"	-14	"		-7A	100W	150				0.6S	1S	1.3S	-10	-3A	900			5				40		5* -10	
2SJ51	40	GDO	40	"	-10	-200	800	125		-6	-50	-10	33	40		-10	-5							-50			
2SJ55	-180	DSX	-20	"		-8A	125W	150				0.7S	1S	1.4S				1200		5				60		5* -10	
2SJ56	-200	"	-20	"		-8A	125W	150				0.7S	1S	1.4S				1200		5				60		5* -10	
2SJ68	-40	"	40	"	-10	-30	300	125		-1.6	-12	-10	8	12		-10	-3	32		0				-12	7.5	0* -10	
2SJ69	-40	"	40	"	-10	-30	300	125		-2.5	-20	-10	18	21		-10	-3	82		0				-20	19	0* -10	
2SJ70	-40	"	40	"	-10	-200	800	125		-6	-50	-10	35	45		-10	-5	150		ID=-5mA				-50			
2SJ72	25	GDS			-10		600	125		-5	-30	-10	30	40		-10	IDSS								-30		
2SJ73	25	"			-10		600unit	125		-5	-30	-10	25	40		-10	"	185		0				-30	55	10	
2SJ74	25	"			-10		400	125		-1	-20	-10	8	22		-10	"	105		0				-20	32	10	
2SJ75	25	"			-10		400unit	125		-1	-20	-10	15	22		-10	"	105		0				-20	32	10	
2SJ76	-140	DSX	-15	S		-500	30W	150						35		-20	-10	120		ID=-10mA				4.8		-10mA	
2SJ77	-160	"	-15	"		-500	30W	150						35		-20	-10	120		ID=-10mA				4.8		-10mA	

2SJ78	-180	"	-15	"		-500	30W	150						35		-20	-10	120		ID=-10mA		4.8		-10mA	
2SJ79	-200	"	-15	"		-500	30W	150						35		-20	-10	120		ID=-10mA		4.8		-10mA	
2SJ81	-120	"	-15	"		-7A	100W	150					0.7S	1S	1.4S	-10	-3A	900		5		40		5*	
2SJ82	-140	"	-15	"		-7A	100W	150					0.7S	1S	1.4S	-10	-3A	900		5		40		5*	
2SJ83	-160	"	-15	"		-7A	100W	150					0.7S	1S	1.4S	-10	-3A	900		5		40		5*	
2SJ84	50	GDS				-20	150	125		-0.5	-12	-10										-12			
2SJ90	30	GDS			-10		200unit	125		-2.6	-20	-10	8	22		-10	IDSS	95		0		-20	29		10
2SJ91	-140	DSX	-8	S		-8A	120W	150					1S	1.5S		-10	-2A	1500		0		90		0*	-10
2SJ92	-140	"	-8	"		-7A	100W	150					1S	1.5S		-10	-2A	1500		0		90		0*	-10
2SJ96	-60	DSX	-20	S		-8A	100W	150	IDSX=-1(VGS=10V)		-60	1S	1.6S	2.5	-10	-3A	850		5						
2SJ99	-140	DSS	-20	S		-8A	100W	150		-1	-120	1S	1.8S		-10	-4A	1050		0		-1	80		0*	-10
2SJ100	-160	"	-20	"		-8A	100W	150		-1	-140	1S	1.8S		-10	-4A	1050		0		-1	80		0*	-10