DC/DC (Step-down) Buck Converter

P/N	Advantage	Electrical Characteristics												Features						
		V_{IN} (V)		I_{OUT}	V_{FB}	I_Q (mA)		I_{SD} (μA)		Freq. (KHz)	Duty+ (%)	Efficiency		Soft Start	Sync.	Line COMP	Internal COMP	SW Mode	EN pin	V_{IN} OVLO
		min.	MAX.	(A)	(V)	Typ.	MAX.	Typ.	MAX.			η (%)	Condition							
MA5001	V_{IN} OVLO	2.5	5.5	1.5	0.6	0.25	0.35	0.1	1	1,500	100	93	5→3.3V @1A	◎	◎		◎	PSM PWM	◎	6V
MA5003	V_{IN} OVLO	2.5	5.5	2	0.6	0.25	0.35	0.1	1	1,500	100	93	5→3.3V @1A	◎	◎		◎	PSM PWM	◎	6V
MA5005	V_{IN} OVLO	2.5	5.5	1.2	0.6	0.25	0.35	0.1	1	1,500	100	93	5→3.3V @1A	◎	◎		◎	PSM PWM	◎	6V
MA6001	V_{IN} OVLO, Dual Channel	2.5	5.5	1.5 x2	0.6	0.25	0.35	0.1	1	1,500	100	93	5→3.3V @1A	◎	◎		◎	PSM PWM	◎	6V
MA6002	V_{IN} OVLO, Dual Channel	2.5	5.5	1.2 x2	0.6	0.25	0.35	0.1	1	1,500	100	93	5→3.3V @1A	◎	◎		◎	PSM PWM	◎	6V
MA5201	V_{IN} OVLO	4.75	20	2	0.6	0.35	-	10	-	1,500	90	93	5→3.3V @1A	◎	◎		◎	PSM PWM	◎	-
MA5601	V_{IN} OVLO	8	38	2.5	1	0.7	1.5	0.7	1.3	160	86	92	12→5V @1A	◎	◎			PWM	◎	40V
MA5602	V_{IN} OVLO, CC/CV	8	38	2.5	1	0.7	1.5	0.7	1.3	160	86	91	12→5V @1A	◎	◎			PWM		40V
MA5603	V_{IN} OVLO	8	38	2.5	0.2	0.7	1.5	0.7	1.3	240	86	92	12→5V @1A	◎	◎			PWM	◎	40V
MA5604	V_{IN} OVLO, Output 5A	8	38	5	1	0.7	1.5	0.7	1.3	160	86	93	12→5V @3A	◎	◎			PWM	◎	40V
MA5605	V_{IN} OVLO, Output 5A	8	38	5	1	0.7	1.5			160	95	93	12→5V @3A	◎	◎	◎		PWM		40V

MA5606	V_{IN} OVLO, CC/CV	8	38	2.5	1	0.7	1.5			160	95	92	12→5V @1A	◎	◎	◎		PWM		40V
MA5611	V_{IN} OVLO	8	38	2.5	1	0.7	1.5	0.7	1.3	160	95	93	12→5V @1A	◎	◎			PWM	◎	40V
MA5609	V_{IN} OVLO, Output 4A	8	38	4	1	0.7	1.5			160	95	93	12→5V @3A	◎	◎	◎		PWM		40V
MA5607	V_{IN} OVLO, Output 4A	8	38	4	1	0.7	1.5			160	95	91	12→5V @3A	◎	◎		◎	PWM		40V
MA5620	V_{IN} OVLO, Controller	8	38	7	1	0.7	1.5	0.7	1.3	160	90	94	12→5V @5A	◎	◎	◎	◎	PWM	◎	40V

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CC CV	Hiccup Mode	Package Type	Availability	Competitors' P/N
CC		SOT23-5 TSOT23-5	Now	TLV62565, MP2105, RT8096C, G5728, APW7104, SY8009A, FP6161, FP6367, EML3023, EUP3010, AME5253, AX3503. AX3513. AX3701, LA8013, IT77103, AUR9713, iD8212, YB1680, LT3406
CC		SOT23-5 TSOT23-5	Now	TLV62565, MP2105, RT8096C, G5728, APW7104, SY8009A, FP6161, FP6367, EML3023, EUP3010, AME5253, AX3702, LA8013, IT77103, AUR9713, iD8212, YB1680, LT3406
CC		SOT23-5 TSOT23-5	Now	TLV62565, MP2105, RT8096C, G5728, APW7104, SY8009A, FP6161, FP6367, EML3023, EUP3010, AME5253, AX3503. AX3513. AX3701, LA8013, IT77103, AUR9713, iD8212, YB1680, LT3406
CC		TDFN-12 3x3	Now	RT8020, G5699, FP6167, FP6382, SY8020, AX3515, AX3604. AX3771. EUP3020
CC		TDFN-10 3×3	Now	MP2109, FP6168, AX3515A, EUP3020, EUP3419, IT77117, LT3407
CC		SOT23-5	Now	SY8121B. AX3811A. AX3821. FR9885.
CC		SOP8-EP	Now	MP1482, ACT4060A, G5792/3/4/5, FR9886, RT8290, FP6168, EUP3482, LA8509A, APW7302B, EML3220, AME5269, YB1692/3, IT76620,P1482,AX3482
CC CV		SOP8-EP	Now	AX3051. AX3050. CN4512. AME5244.
CC		SOP8-EP	Now	
		SOP8-EP	Now	SG92A3
CCx2	◎	SOP8-EP	JAN/ES	SG92A3

CC	◎	SOP8-EP	JAN/ES	AX3050. AX3051. CN4512
	◎	SOP8-EP	JAN/ES	MP1482, ACT4060A, G5792/3/4/5, FR9886, RT8290, FP6168, APW7302B, EML3220, AME5269, YB1692/3,
CC	◎	SOP8-EP	FEB/ES	CN4513. CN4514
	◎	TO252-5L	JAN/ES	
CCx2	◎	DFN3X3	JAN/ES	AX3070. AX3071.

DC/DC (Step-up) Boost Converter

P/N	Electrical Characteristics													Features					
	V_{IN} (V)		$I_{CL(IN)}$	V_{FB}	V_{OUT} (V)	I_Q (mA)		I_{SD} (μA)		Freq.	Duty-	Efficiency		Soft Start	Sync.	Internal COMP	SW Mode	EN pin	OVP
	min.	MAX.	(A)	(V)	MAX.	Typ.	MAX.	Typ.	MAX.	(KHz)	(%)	η (%)	Condition						
MA2001A【WLED】	2.5	5.5	1.4	0.2	28	0.2	0.4	1	4	1,000	92	90	5→12V @0.2A	◎	◎	◎	PSM PWM	◎	29V
MA2001B【WLED】	2.5	5.5	1.4	0.25	28	0.2	0.4	1	4	1,000	92	90	5→12V @0.2A	◎	◎	◎	PSM PWM	◎	29V
MA2001【WLED】	2.5	5.5	1.4	0.3	28	0.2	0.4	1	4	1,000	92	90	5→12V @0.2A	◎	◎	◎	PSM PWM	◎	29V
MA2003	2.5	5.5	1.2	1.238	28	0.15	0.25	1	4	1,200	90	90	5→12V @0.2A	◎	◎	◎	PSM PWM	◎	
MA2004	2.8	5.5	3	0.6	5.5	0.3		1	3	750	65	93	3.3→5V @1A	◎		◎	PSM PWM	◎	
MA2004A	2.8	5.5	3	0.6	5.5	0.3		1	3	750	65	93	3.3→5V @1A	◎		◎	PSM PWM	◎	
MA2007	2.8	5.5	3	0.6	5.5	0.3		1	3	750	65	93	3.3→5V @1A	◎		◎	PWM	◎	
MA2009	2.6	16	4	0.6	28	0.1	0.2	0.1	1	1,200	90	93	5→12V @0.5A	◎		◎	PSM PWM	◎	

UVLO	Package Type	Advantage	Availability	Competitors' P/N
2.25V	SOT23-6 TSOT23-6	Sync., OVP, PWM dimming 200-200KHz	Now	AT1316A, AT1313, AT6732, SY7201A, EUP2586, EUP2530, AAT15071, AX2016A, FP6745, LA8305CD195
2.25V	SOT23-6 TSOT23-6	Sync., OVP, PWM dimming 200-200KHz	Now	RT9284B, RT9285B, EMD2095, AX2016B, FP6737, LA8305CD250
2.25V	SOT23-6 TSOT23-6	Sync., OVP, PWM dimming 200-200KHz	Now	RT9293B, EUP2539, AX2012, AT5162, G5138
2.25V	SOT23-5	$V_{OUT(MAX)}$=28V	Now	RT9284A, AME5140, EUP2570, AX5511
2.6V	SOT23-6	Adjustable current limit	Now	FP6291, LA7001
2.6V	SOT23-6	Adjustable current limit	Now	FP6291, LA7001
2.6V	SOT23-6	Adjustable current sense, CV/CC mode	Now	
2.5V	SOT23-6	Adjustable current sense, CV/CC mode	Now	AX5523

Others

P/N	Advantage	Electrical Characteristics										
		V_{IN} (V)		$I_{CL(IN)}$ (A)	Input OVP(V)		I_Q (mA)		SW Ron	SW off time	UVLO (V)	
		min.	MAX.		Typ.	MAX.	Typ.	MAX.	mΩ	us	Rise	Fall
MA3100	UVP,OCP	3.25	20	2.5	7	7.2	0.25	0.3	130	0.2	3.25	3

Features			Availability
CLM delay	OTP	Package Type	
◎	◎	SOT23	Now

Hall Effect & BLDC Driver

P/N	Advantage	Electrical Characteristics											F			
		V_{IN} (V)		I_{OUT}	B_{OP}	B_{RP}	B_{HYS}	$R_{DS(ON)}$	I_{DD} (mA)		I_{OFF} (μA)		FG	OTP	Auto Restart	V_{OUT} Clamp
		min.	MAX.	(mA)	(Gauss)	(Gauss)	(Gauss)	(Ω)	Typ.	MAX.	Typ.	MAX.				
MA177	Hall Effect Latch, Open Drain	3.3	26	25	35	-35	70	15	3	4.5	<0.1	10				
MA7010	Hall Effect Switch, Open Drain	2.5	26	25	90	50	40	15	2	3	<0.1	10				
MA7020	Hall Effect Latch, Open Drain	2.5	26	25	28	-28	56	15	2	3	<0.1	10				
MA7020B	Hall Effect Latch, Open Drain	2.5	26	25	28	-28	56	15	2	3	<0.1	10				
MA7021	Hall Effect Latch, Open Drain	2.5	26	25	15	-15	30	15	2	3	<0.1	10				
MA7022	Hall Effect Latch, Open Drain / Pull high resistor	2.5	26	25	28	-28	30	15	2	3	<0.1	10				
MA7022B	Hall Effect Latch, Pull high resistor	2.5	26	25	28	-28	30	15	2	3	<0.1	10				
MA7150	Single-Coil BLDC Driver	1.8	5.5	300	30	-30	60	1.4	3.5	5	<0.1	10		◎		
MA211F	Dual-Coil BLDC Driver	4	20	400	28	-28	56	1.4	3.5	5	<0.1	10	◎	◎		32V
MA277	Dual-Coil BLDC Driver	3.3	18	400	30	-30	60	1.4	3.5	5	<0.1	10		◎		32V
MA7201	Dual-Coil BLDC Driver	3.5	20	600	30	-30	60	0.8	3.5	5	<0.1	10		◎		32V
MA7202	Dual-Coil BLDC Driver	3.5	28	300	30	-30	60	2.3	3.5	5	<0.1	10		◎		58V
MA7210	Dual-Coil BLDC Driver	3.5	18	600	30	-30	60	0.8	3.5	5	<0.1	10		◎	◎	32V
MA7220	Dual-Coil BLDC Driver	3.5	28	300	30	-30	60	2.3	3.5	5	<0.1	10		◎	◎	58V
MA7610	Dual-Coil BLDC Driver	4	20	600	30	-30	60	0.8	3.5	5	<0.1	10	◎	◎	◎	32V

MA7620	Dual-Coil BLDC Driver	4	28	300	30	-30	60	2.3	3.5	5	<0.1	10	◎	◎	◎	58V

eatures		Availability	Competitors' P/N
Anti-reverse plugin diode	Package Type		
◎	SOT23-3 SIP-3L	Now	AH177,U18,SDC177
◎	SOT23-3 SIP-3L	Now	ATS137
◎	SOT23-3 SIP-3L	Now	AH177,U18,SDC177
◎	SOT23-3 SIP-3L	Now	
◎	SOT23-3 SIP-3L	Now	AH177,U18,SDC177
◎	SOT23-3 SIP-3L	Now	AH177,U18,SDC177
◎	SOT23-3 SIP-3L	Now	AH177,U18,SDC177
◎	SOT23-5	Feb	US168
	TO-94 (SIP-4L)	Now	FS211F
◎	TO-94 (SIP-4L)	Now	AH277A,SDC277,FS277
◎	TO-94 (SIP-4L)	Now	SDC686
◎	TO-94 (SIP-4L)	Now	AH266
◎	TO-94 (SIP-4L)	Now	MH381
◎	TO-94 (SIP-4L)	Now	MH382
	TO-94 (SIP-4L)	Now	

	TO-94 (SIP-4L)	Now	

MOSFETs Selection Guide

Part Number	Package	Polarity	Configuration	ESD (Y/N)	$V_{(BR)DSS}$ (V)	V_{GS} (V)	$V_{GS(TH)}$ (V)			$R_{DS(ON)}$ (typ. mΩ) @ V_{GS}=				I_D (A) @ T_C=			I_D (A) @ T_A=		Ciss (pF)	Coss (pF)	Crss (pF)	Qg (nC)		Qgs (nC)	Qgd (nC)
							Min.	Typ.	Max.	10V	4.5V	2.5V	1.8V	25°C	70°C	100°C	25°C	70°C				4.5V	10V		
SG20N01D	TO-252	N	Single	No	20	±20	0.5	0.8	1.2	3.8	4.9	-	-	63	50	-	-	-	877	283	148	8.4	-	3.1	4.7
SGP3011I	TO-251	P	Single	No	-30	±20	-1	-1.5	-2.5	11	20	-	-	-47	-38	-	-	-	2129	298	227	21.5	-	8.5	7
SGP3011D	TO-252	P	Single	No	-30	±20	-1	-1.5	-2.5	11	20	-	-	-47	-38	-	-	-	2129	298	227	21.5	-	8.5	7
SGN3009I	TO-251	N	Single	No	30	±20	1.2	1.5	2.5	7.3	10.8	-	-	56.3	45	-	-	-	1278	158	127	12.3	-	4.1	5
SG30N02D	TO-252	N	Single	No	30	±20	1.2	-	2.5	1.7	2.6	-	-	162	130	-	-	-	5910	725	537	-	53.8	17.3	20.2
SG30N03I	TO-251	N	Single	No	30	±20	1.2	-	2.5	3.1	4.5	-	-	90	72	-	-	-	2504	369	211	-	35	8	15
SG30N03D	TO-252	N	Single	No	30	±20	1.2	-	2.5	3.1	4.5	-	-	90	72	-	-	-	2504	369	211	-	35	8	15
SG30N03P	TO-220	N	Single	No	30	±20	1.2	-	2.5	3.1	4.5	-	-	124	99	-	-	-	2504	369	211	-	35	8	15
SG30N04I	TO-251	N	Single	No	30	±20	1.3	-	2.5	4	6	-	-	60	51	-	-	-	1180	240	130	13	-	5	5.5
SG30N04D	TO-252	N	Single	No	30	±20	1.3	-	2.5	4	5.7	-	-	60	51	-	-	-	1180	240	130	13	-	5	5.5
SG30N05I	TO-251	N	Single	No	30	±20	1.2	-	2.5	8.5	12	-	-	40	33.6	-	-	-	580	95	60	8	-	3	4.5
SG30N05D	TO-252	N	Single	No	30	±20	1.2	-	2.5	8.5	12	-	-	40	33.6	-	-	-	580	95	60	8	-	3	4.5
SG30N06I	TO-251	N	Single	No	30	±20	1.15	-	2.2	3.5	4.7	-	-	60	48	-	-	-	1750	360	150	12	-	6	5
SG30N06D	TO-252	N	Single	No	30	±20	1.15	-	2.2	3.5	4.7	-	-	60	48	-	-	-	1750	360	150	12	-	6	5
SG30N07D	TO-252	N	Single	No	30	±20	1.2	-	2.5	1.5	2.3	-	-	130	130	-	-	-	4222	889	398	-	82	24	5
SG30N07P	TO-220	N	Single	No	30	±20	1.2	-	2.5	1.5	2.4	-	-	310	248	-	-	-	4222	889	398	-	82.8	24.2	5.1
SG30N08P	TO-220	N	Single	No	30	±20	1.35	1.8	2.35	1.4	1.7	-	-	294	-	-	-	-	7058	1333	578	49	-	11.7	15.6
SG40N01D	TO-252	N	Single	No	40	±20	2	3	4	2	-	-	-	100	92.4	-	-	-	4222	889	398	-	82	24	5
SG40N01P	TO-220	N	Single	No	40	±20	2	3	4	1.9	-	-	-	149	119	-	-	-	4222	889	398	-	82.8	24.2	5.1
SG40N02P	TO-220	N	Single	No	40	±20	2	-	4	1.3	-	-	-	275	220	-	-	-	4401	951	451	-	71.5	14.7	26.4
SG55N02P	TO-220	N	Single	No	55	±20	2	3	4	4	-	-	-	124	99	-	-	-	3923	435	150	-	92	34	20
SG60P01P	TO-220	P	Single	No	-60	±20	-2	-3	-4	16.5	-	-	-	-60	-48	-	-	-	3250	450	186	-	80	20	17
SG60N01P	TO-220	N	Single	No	60	±25	2	3	4	6	-	-	-	93	74	-	-	-	2968	486	215	-	62.2	15.2	21.5
SG60P02D	TO-252	P	Single	No	-60	±20	-2	-3	-4	58	-	-	-	-30	-24	-	-	-	1618	163	46	-	27.7	7.3	7.5
SG60P02P	TO-220	P	Single	No	-60	±20	-2	-3	-4	58	-	-	-	-32	-25	-	-	-	1618	163	46	-	27.7	7.3	7.5
SG60N02D	TO-252	N	Single	No	60	±20	2	3	4	5.5	-	-	-	80	64.8	-	-	-	4871	243	124	-	118	28	45
SG60N02P	TO-220	N	Single	No	60	±20	2	3	4	4.6	-	-	-	100	78	-	-	-	4871	243	124	-	118	28	45
SG60N03D	TO-252	N	Single	No	60	±25	2	3	4	3.8	-	-	-	96	76	-	-	-	3686	357	124	-	50	15	2.5
SG60N03P	TO-220	N	Single	No	60	±25	2	3	4	3.6	-	-	-	112	90	-	-	-	3686	357	124	-	50	15	2.5
SG60N03G	TO-263	N	Single	No	60	±20	2	3	4	3.6	-	-	-	136	109	-	-	-	3686	357	124	-	50	15	2.5
SG60N04P	TO-220	N	Single	No	60	±20	2	3	4	2	-	-	-	200	160	-	-	-	8699	818	304	-	190	42	45
SG60N04G	TO-263	N	Single	No	60	±20	2	3	4	2	-	-	-	200	160	-	-	-	8699	818	304	-	190	42	45
SG60N04X	TO-247-3	N	Single	No	60	±20	2	3	4	1.9	-	-	-	200	195	-	-	-	8699	818	304	-	190	42	45
SG60N07P	TO-220	N	Single	No	60	±20	2	3	4	3.3	-	-	-	125	100	-	-	-	3923	435	150	-	92	34	20
SG60N10S	SOP-8	N	Single	No	60	±20	1.2	-	2.5	10	13	-	-	11.5	9.2	-	11.5	9.2	3028	188	118	30	-	9.8	8.8
SG60N10P	TO-220	N	Single	No	60	±20	1.2	-	2.5	10	13	-	-	-	-	-	-	-	3240	210	140	28.8	-	10.5	9.8
SG65N02D	TO-252	N	Single	No	65	±20	2	3	4	5.5	-	-	-	89	71	-	-	-	4753	254	135	-	125	35	48
SG65N02P	TO-220	N	Single	No	65	±20	2	3	4	5.5	-	-	-	95	73.7	-	-	-	4753	254	135	-	125	35	48
SG65N03D	TO-252	N	Single	No	65	±20	2	3	4	9.9	-	-	-	57	46	-	-	-	1325	110	64	-	34	6	9
SG65N03P	TO-220	N	Single	No	65	±20	2	3	4	9.9	-	-	-	64	51	-	-	-	1325	110	64	-	34	6	9
SG75N03P	TO-220	N	Single	No	75	±20	2	3	4	5.3	-	-	-	80	60	-	-	-	4842	312	111	-	91.5	34	19.9
SG75N05P	TO-220	N	Single	No	75	±20	2	3	4	3.2	-	-	-	180	150	-	-	-	8837	652	231	-	160	35	40
SG75N05G	TO-263	N	Single	No	75	±20	2	3	4	3.2	-	-	-	180	150	-	-	-	8837	652	231	-	160	35	40
SG75N07D	TO-252	N	Single	No	75	±20	2	3	4	6.8	-	-	-	59	47.6	-	-	-	4936	251	107	-	84	24	25
SG75N07P	TO-220	N	Single	No	75	±25	2	3	4	6.8	-	-	-	80	64	-	-	-	4936	251	107	-	84	24	25

SG75N07G	TO-263	N	Single	No	75	±25	2	3	4	6.8	-	-	-	83	66.4	-	-	-	4936	251	107	-	84	24	25
SG80N01X	TO-247-3	N	Single	No	80	±20	2	3	4	3.4	-	-	-	200	161	-	-	-	8837	652	231	-	160	35	40
SG100P01D	TO-252	P	Single	No	-100	±20	-2	-3	-4	93	-	-	-	-15	-12	-	-	-	1618	163	46	-	27.7	7.3	7.5
SG100P01P	TO-220	P	Single	No	-100	±20	-2	-3	-4	93	-	-	-	-26	-21	-	-	-	1618	163	46	-	27.7	7.3	7.5
SG100P02D	TO-252	P	Single	Yes	-100	±20	-1	-	-3	70	75	-	-	-17	-13	-	-	-	1785	122	69	-	41	6.8	7.8
SG100N03S	SOP-8	N	Single	No	100	±20	1.2	1.8	2.5	18	22	-	-	-	-	-	9.8	7.9	1325	110	64	-	34	6	9
SG100N03D	TO-252	N	Single	No	100	±20	1.2	1.8	2.5	20	22	-	-	42	34	-	-	-	1325	110	64	-	34	6	9
SG100N03P	TO-220	N	Single	No	100	±20	1.2	1.8	2.5	20	22	-	-	52	42	-	-	-	1325	110	64	-	34	6	9
SG100N03HD	TO-252	N	Single	No	100	±20	2	3	4	20	22	-	-	42	34	-	-	-	1325	110	64	-	34	6	9
SG100N04D	TO-252	N	Single	No	100	±20	2	3	4	10	-	-	-	68	59	-	-	-	3902	251	93	-	145	25	43
SG100N04P	TO-220	N	Single	No	100	±20	2	3	4	10	-	-	-	75	60	-	-	-	3902	251	93	-	145	25	43
SG100N04Q	PDFN-5*6	N	Single	No	100	±20	2	3	4	10	-	-	-	58	58	-	-	-	3902	251	93	-	145	25	43
SG100N05P	TO-220	N	Single	No	100	±20	2	3	4	4	-	-	-	160	135	-	-	-	8931	595	239	-	160	35	40
SG100N05G	TO-263	N	Single	No	100	±20	2	3	4	4	-	-	-	160	135	-	-	-	8931	595	239	-	160	35	40
SGD100N05X	TO-247-3	N	Single	No	100	±20	2	3	4	2.8	-	-	-	200	195	-	-	-	17862	1190	478	-	320	70	80
SG100N06P	TO-220	N	Single	No	100	±25	2	3	4	9	-	-	-	81	65	-	-	-	4136	263	75	-	154	43	45
SG150N03D	TO-252	N	Single	No	150	±20	2	3	4	42	-	-	-	14.5	11.5	-	-	-	1180	110	36	-	19	7	3
SG150N04N	SOT-23	N	Single	Yes	150	±20	1	2	3	6500	7100	-	-	-	-	-	0.3	0.2	30	6	2.5	-	-	-	-
SG150N05D	TO-252	N	Single	No	150	±20	2	-	4	27	-	-	-	41.4	33.1	-	-	-	1933	147	49	-	55	18	17
SG150N05Q	PDFN-5*6	N	Single	No	150	±20	2	-	4	27	-	-	-	29	23	-	-	-	1933	147	49	-	55	18	17
SG150N05P	TO-220	N	Single	No	150	±20	2	-	4	27	-	-	-	46.3	37	-	-	-	1933	147	49	-	55	18	17
SG150N06P	TO-220	N	Single	No	150	±20	2	-	4	9.8	-	-	-	119	95	-	-	-	8505	566	227	-	152	33	38
SG150N06G	TO-263	N	Single	No	150	±20	2	-	4	9.8	-	-	-	133	106	-	-	-	8505	566	227	-	152	33	38
SGD150N06X	TO-247-3	N	Single	No	150	±20	2	-	4	5.3	-	-	-	200	166	-	-	-	16238	1081	434	-	290	63	72
SG200N05D	TO-252	N	Single	No	200	±20	2	-	4	58	-	-	-	27	21.7	-	-	-	1933	147	49	-	55	18	17
SG200N05P	TO-220	N	Single	No	200	±20	2	-	4	58	-	-	-	28.8	23.1	-	-	-	1933	147	49	-	55	18	17
SG200N06D	TO-252	N	Single	No	200	±16	0.5	-	1.2	55	58 (5V)	61 (3V)	-	27	21.4	-	-	-	2567	143	69	-	101	35	31
SG200N07P	TO-220	N	Single	No	200	±20	2	3	4	19	-	-	-	76	-	-	-	-	8100	539	216	-	149	32	37
SG200N07G	TO-263	N	Single	No	200	±20	2	3	4	19	-	-	-	76	-	-	-	-	8100	539	216	-	149	32	37
SGD200N07X	TO-247-3	N	Single	No	200	±20	2	-	4	10	-	-	-	147	118	-	-	-	15464	1029	413	-	276	60	68
SGD3225QD	PDFN-5*6	N	Complementary	No	30	±20	1	-	2.5	14	20	-	-	31	-	19	-	-	539	66	54	6	-	2.2	2
		P		No	-30	±20	-1	-	-2.5	33	63	-	-	-18	-	-10	-	-	567	97	82	6.2	-	2.1	1.8
SGD3225S	SOP-8	N	Complementary	No	30	±20	1	-	2.5	14	20	-	-	-	-	-	7.6	4.8	539	66	54	6	-	2.2	2
		P		No	-30	±20	-1	-	-2.5	33	63	-	-	-	-	-	-5	-4	567	97	82	6.2	-	2.1	1.8
SGD60C01S	SOP-8	N	Complementary	No	60	±20	1	-	2.5	31	38	-	-	-	-	-	5	4	996	63	44	-	18	2.4	3.9
		P		No	-60	±20	-1	-	-2.5	44	63	-	-	-	-	-	-6	-5	1403	94	67	9.5	-	2.9	2.8
SGD100C03S	SOP-8	N	Complementary	No	100	±20	1	-	2.5	123	128	-	-	-	-	-	2.1	1.7	1044	44	31	-	24.7	4	4.1
		P		No	-100	±20	-1	-	-2.5	223	253	-	-	-	-	-	1.5	1.2	-	-	-	-	-	-	-

http://www.micro-bridge.com
微桥科技 QQ:4221620
E-mail:sales@micro-bridge.com
Tel:0755-83991588