PRODUCT CATALOG 2026Q2

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Founded in October 2008, Shanghai Bright Power Semiconductor Co., LTD. (Stock code :688368) is one of the leading analog and mixed-signal IC design companies in China. Headquartered in Shanghai, the company has subsidiaries in Hangzhou, Chengdu and Hong Kong, and customer support centers in Shenzhen, Xiamen, Zhongshan, Dongguan and Suzhou to provide customers with a full range of services.

BPS focuses on the R & D and sales of power management and motor control chips, insists on independent innovation, and its products cover LED lighting driver chips, AC/DC power management chips, DC/DC power management chips, motor control driver chips, etc., which are widely used in LED lighting, home appliances and mobile phones, personal computers, servers, base stations, Netcom, industrial control and other fields.

BPS adheres to the mission of “creating core to assist intelligent manufacturing and achieving partners with heart,” strives for the development of the industry, aspires to the prosperity of the country, promotes the progress of the industry in the leading field of BPS, and strives to catch up with the key backward fields in China to create the core dream of the times!



PROFESSIONAL PMIC AND MCU SUPPLIER

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AC/DC POWER MANAGEMENT IC

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Non-isolated Power Supply

Application: Home Appliances

P/N	Topology	Vin (V)	Vout (V)	Lout(mA)	MOSFET BV(V)	Freewheeling Diode	VCC	Standby Power (mW)
BPA8504D	BUCK/BUCK-BOOST	85~265	Adjustable	200	700	External	Y	100
BPA8505D	BUCK/BUCK-BOOST	85~265	Adjustable	300	700	External	Y	100
BPA8505P	BUCK/BUCK-BOOST	85~265	Adjustable	300	700	External	Y	100
BPA8506D	BUCK/BUCK-BOOST	85~265	Adjustable	400	700	External	Y	100
BP85221AL	BUCK/BUCK-BOOST	85~265	5	50	550	Internal	N	100
BP85223AL	BUCK/BUCK-BOOST	85~265	5	150	550	Internal	N	50
BP85323AL	BUCK/BUCK-BOOST	85~265	5	150	550	Internal	N	50
BP8523D	BUCK/BUCK-BOOST	85~265	5	100	650	Internal	N	50
BP8522D	BUCK/BUCK-BOOST	85~265	5	150	550	Internal	N	50
BP85224A	BUCK/BUCK-BOOST	85~265	5	200	650	Internal	N	50
BP85224D	BUCK/BUCK-BOOST	85~265	5	200	650	Internal	N	50
BP85226D	BUCK/BUCK-BOOST	85~265	5	300	650	Internal	N	50
BP85928D	BUCK/BUCK-BOOST	85~265	5	450	650	Internal	N	150
BP85256D	BUCK/BUCK-BOOST	85~265	12	300	650	Internal	N	50
BP85956D	BUCK/BUCK-BOOST	85~265	12	300	650	External	N	50
BP85956P	BUCK/BUCK-BOOST	85~265	12	300	650	External	N	50
BP85957DL	BUCK/BUCK-BOOST	85~265	12	350	500	External	Y	80
BP85958DL	BUCK/BUCK-BOOST	85~265	12	400	500	External	Y	80
BPA85968D	BUCK/BUCK-BOOST	85~265	15	400	650	External	Y	80
BP85976P	BUCK/BUCK-BOOST	85~265	18	300	650	External	Y	50
BP85977D	BUCK/BUCK-BOOST	85~265	18	400	650	External	Y	100
BP85924DA	BUCK/BUCK-BOOST	85~265	5	200	650	External	N	50
BP85221SL	BUCK/BUCK-BOOST	85~265	5	30	550	Internal	N	70
BP85958P	BUCK/BUCK-BOOST	85~265	12	400	650	External	Y	100
BP85958D	BUCK/BUCK-BOOST	85~265	12	400	650	External	Y	80

SSR Feedback By Opto-Isolator

P/N	Vcc Scope (V)	Pout (W)	Switching Frequency (kHz)	MOSFET Rdson (Ω)	MOSFET Bvdss (V)	Standby Power (mW)	Others	Application
BPA8604D	5.9 ~ 6.3	6	132	20	700	50	-	Home Appliances
BPA8604P	5.9 ~ 6.3	6	132	20	700	50	AC voltage zero crossing detection	Home Appliances
BPA8604PE	5.9 ~ 6.3	6	132	20	700	50	AC voltage zero crossing detection	Home Appliances
BPA8616D	5.8 ~ 6.3	12	132	11	700	50	Input undervoltage protection	Home Appliances
BPA8616PD	5.8 ~ 6.3	12	132	11	750	50	Input undervoltage protection	Home Appliances
BPA8618D	5.8 ~ 6.3	16	132	4.5	700	50	Input undervoltage protection	Home Appliances
BPA8618PD	5.8 ~ 6.3	18	132	4.5	750	50	Input undervoltage protection	Home Appliances
BPA8618G	5.8 ~ 6.3	18	132	4.5	750	50	Input undervoltage protection	Home Appliances
BPA8619P	5.8 ~ 6.3	22	132	3	700	50	Input undervoltage protection	Home Appliances
BPA8620PD	5.8 ~ 6.3	25	132	2.4	750	50	Input undervoltage protection	Home Appliances
BPA86525PC	10 ~ 30	21	100	3.9	800	100	Input undervoltage protection	Home Appliances
BPA86516P	10 ~ 30	24	100	3	800	100	-	Home Appliances
BPA86525G	10 ~ 30	21	100	3.9	800	100	Input undervoltage protection	Home Appliances
BPA86526PC	10 ~ 30	24	100	3	800	100	Input undervoltage protection	Home Appliances
BPA86526P	10 ~ 30	26	100	2.1	800	100	Input undervoltage protection	Home Appliances
BPA86528D	10 ~ 30	52	100	0.85	800	100	Input undervoltage protection	Home Appliances
BP8708D	8.2 ~ 34	25	65	0.67	650	75	DCM/CCM	PD
BP8705D	8.2 ~ 34	18	65	1.8	650	75	DCM/CCM	PD
BP87112	8.2 ~ 36	20	65	Equivalent 1.8	650	75	DCM/CCM	PD
BP87122	8.2 ~ 36	20	65	Equivalent 1.8	750	75	DCM/CCM	PD
BP87122A	6.5 ~ 36	20	65	Equivalent 1.8	750	75	DCM/CCM	PD
BP87213	7.4 ~ 36	25	65	0.67	650	75	DCM/CCM	PD
BP87216	7.4 ~ 36	35	65	0.67	650	75	DCM/CCM	PD

SSR - No Optocoupler

P/N	Vcc Scope (V)	Pout (W)	Switching Frequency (kHz)	MOSFET Rdson (Ω)	MOSFET Bvdss (V)	Standby Power (mW)	Others	Application
BPA86015G	10 ~ 30	21	100	4	800	100	Input undervoltage protection	Home Appliances

High Speed Hair Dryer

P/N	Topology	Vin (V)	Vout (V)	Lout (mA)	MOSFET BV(V)	Freewheeling Diode	VCC	Standby Power (mW)
BP8521DF	BUCK/BUCK-BOOST	85~265	5	50	550	Interal	N	50
BP85226DF	BUCK/BUCK-BOOST	85~265	5	300	650	Interal	N	50
BP8522DF	BUCK/BUCK-BOOST	85~265	13.5	70	550	Interal	N	50

SSR Feedback By Magnetic Coupling-Primary Side

Application：PD

P/N	Vcc Scope (V)	Pout (W)	Switching Frequency (kHz)	MOSFET Rdson (Ω)	MOSFET Bvdss(V)	Standby Power (mW)	Operation Mode
BP87625	Self-powered	35	90	0.47	650	50	DCM/CCM
BP87526	8.5 ~ 95	35	100	0.67	650	30	QR
BP87526H	8.5 ~ 95	35	100	1.2	800	30	QR
BP87600D	5.6 ~ 90	65	180	-	-	<5	QR

SSR Feedback By Magnetic Coupling-Secondary Side

Application：PD

P/N	Package	Operation Mode	Maximum Working Frequency (K)	OVP (V)	CV/CV/CP	Capacitor Discharge	VBUS MOS Drive	Sample Mode
BP433BD	SOT23-6	DCM/CCM	70	23	CV	Y	N	FB
BP62620	SSOP10	QR	140	14	CC/CV/CP	Y	Y	FB
BP62620E	SSOP10	QR	140	14	CC/CV/CP	Y	Y	FB
BP62600D	QFN3*3-16L	QR	180	23	CV	Y	Y	FB

SSR Feedback By Magnetic Coupling-Magnetic Coupling

Application：PD

P/N	Package	Creepage (mm)	Voltage Withstandatility (KVrms)	Safety Certificate
BP818	LSOP-4	8	5	Y

SR Snchronous Rectifier

P/N	Topology	Operation Mode	Vcc Scope	Max Voltage of detecting Pin (V)	Max Working Frequency (K)	Internal MOS Rdson(mΩ)	Internal MOS Bvdss(V)	Pout (W)	Application
BP6211B	High-side/Low-side	DCM/CCM/QR	4 ~ 9	120	<350	14	60	⩽ 20	PD
BP6211BS	High-side/Low-side	DCM/CCM/QR	3.5 ~ 9	150	<350	14	60	⩽ 20	PD
BP6211C	High-side/Low-side	DCM/CCM/QR	4 ~ 9	120	<350	8.3	60	⩽ 25	PD
BP6211CS	High-side/Low-side	DCM/CCM/QR	3.5V ~ 9V	150	<350K	8.3	60	⩽ 25	PD
BP6211MS	High-side/Low-side	DCM/CCM/QR	3.5 ~ 9	150	<350	10	100	⩽ 35	PD
BP62110	High-side/Low-side	DCM/CCM/QR	4 ~ 9	120	<350	-	-	-	PD
BP62110S	High-side/Low-side	DCM/QR	3.5 ~ 9	150	<350	-	-	-	PD
S7302SL	Low-side	DCM/QR	3.3 ~ 5.5	40	<100	22	40	⩽ 10	Charger & Adapter
S7302S	Low-side	DCM/QR	3.3 ~ 5.5	40	<100	20	40	⩽ 12	Charger & Adapter
S7303S	Low-side	DCM/QR	3.3 ~ 5.5	40	<100	15	40	⩽ 12	Charger & Adapter
S7304S	Low-side	DCM/QR	3.3 ~ 5.5	40	<100	8	40	⩽ 15	Charger & Adapter
BP6221F	Low-side	DCM/QR	3.6 ~ 6.8	85	<100	16	85	⩽ 18	Charger & Adapter

PSR

P/N	Operation Mode	Vcc Scope (V)	Standby Power (mW)	Max Working Frequency(K)	Energy Efficiency Requirement	Build-in BJT/MOS Collector Current Ic/Rds_on (A)	Build-in BJT/MOSFET Bvdss/BVCBO (V)	Pout (W)	Application
BP84161	DCM	Self-powered	<75	<75	DoE VI	0.6	850	⩽ 3	Charger & Adapter
BP84162	DCM	Self-powered	<75	<75	DoE VI	1	850	⩽ 5	Charger & Adapter
S7141S	DCM	Self-powered	<75	<75	DoE VI	0.3	850	⩽ 3	Charger & Adapter
S7142SH	DCM	Self-powered	<75	<75	DoE VI	1	850	⩽ 5	Charger & Adapter
S7132S	DCM	5 ~ 22	<75	<75	DoE VI	0.8	850	⩽ 5	Charger & Adapter
S7133B	DCM	5 ~ 22	<75	<75	DoE VI	2	750	⩽ 10	Charger & Adapter
S7133S	DCM	5 ~ 22	<75	<75	DoE VI	2	750	⩽ 10	Charger & Adapter
S7134B	DCM	5 ~ 22	<75	<75	DoE VI	4	750	⩽ 12	Charger & Adapter
S7134C	DCM	5 ~ 22	<75	<75	DoE VI	4	800	⩽ 12	Charger & Adapter
BP84136	DCM	4 ~ 18	<75	<75	DoE VI	4	750	⩽ 16.5	Charger & Adapter
BP84145	DCM	Self-powered	<75	<75	DoE VI	3	800	⩽ 10	Charger & Adapter
BP84147	DCM	Self-powered	<75	<75	DoE VI	4	800	⩽ 18	Charger & Adapter
BP86113D	DCM	Self-powered	<75	<75	/	3	800	⩽ 12	Home Appliance
BP86213D	DCM/BCM	5 ~ 22	<75	<75	DoE VI	3.8 Ω	650	⩽ 12	Home Appliance
BP86226P	DCM/CMM	8 ~ 30	<100	<80	/	2 Ω	650	⩽ 24	Home Appliance
BP86226E	DCM/CMM	8 ~ 30	<100	<80	/	1.6 Ω	650	⩽ 24	Home Appliance
BP83223	BCM/DCM	8 ~ 30	<100	<120K	DoE VI	0.14 Ω	700	⩽ 120	Home Appliance



HPC POWER MANAGEMENT IC

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Controller

P/N	Output Rail	Phases	VCC (min) (V)	VCC (max) (V)	Ishutdown (mA)	FSW(min) (kHz)	FSW(max) (kHz)	CS Mode support	Interface	PWM Logic (V)	Package
BPD93004E	1	4	4.5	5.5	0.36	300	2000	DCR，DrMOS IMON	PMBUS, PWMVID	5	TQFN-40(5x5)
BPD93010E	1	10	4.5	5.5	0.36	300	2000	DCR，DrMOS IMON	PMBUS, PWMVID	5	TQFN-40（5x5）
BPD92028	2	R1+R2 ⩽ 8 R1 ⩽ 8 R2 ⩽ 8	3.15	3.45	0.3	250	2000	DrMOS IMON	PMBUS, HSVI	3.3	TQFN-40（5x5）
BPD92028A	2	R1+R2 ⩽ 8 R1 ⩽ 8 R2 ⩽ 8	3.15	3.45	0.3	250	2000	DrMOS IMON	PMBUS	3.3	TQFN-40（5x5）
BPD92032	2	R1+R2 ⩽ 12 R1 ⩽ 12 R2 ⩽ 12	3.15	3.45	0.3	250	2000	DrMOS IMON	PMBUS, HSVI	3.3	QFN-48（6x6）
BPD92032A	2	R1+R2 ⩽ 12 R1 ⩽ 12 R2 ⩽ 12	3.15	3.45	0.3	250	2000	DrMOS IMON	PMBUS	3.3	QFN-48（6x6）
BPD95036A	2	R1+R2 ⩽ 16 R1 ⩽ 16 R2 ⩽ 16	3.15	3.45	0.85	250	2000	DrMOS IMON	PMBUS, AVSBus	3.3	QFN-56（7x7）
BPD95025	2	R1 ⩽ 4 R2 ⩽ 1	3.15	3.45	0.9	250	2000	DrMOS IMON	PMBUS, AVSBus	3.3	TLGA-40（5x5）
BPD93136	2	R1+R2 ⩽ 16 R1 ⩽ 16 R2 ⩽ 16	3.15	3.45	1	250	2000	DCR, LS Ron, DrMOS, IMON	PWMVID, PMBUS, AVSBus	3.3	QFN-56（7x7）
BPD93204	1	4	3.15	3.45	0.006	300	1000	DCR, LS Ron, DrMOS, IMON	PWMVID, PMBUS	3.3	TQFN-32Ld (4 x 4)
BPD95028	2	R1+R2 ⩽ 8 R1 ⩽ 8 R2 ⩽ 8	3.15	3.45	0.85	250	2000	DrMOS IMON	PMBUS, AVSBus	3.3	TQFN-40（5x5）
BPD95032	2	R1+R2 ⩽ 12 R1 ⩽ 12 R2 ⩽ 12	3.15	3.45	0.85	250	2000	DrMOS IMON	PMBUS, AVSBus	3.3	QFN-48（6x6）
BPD96028	2	R1+R2 ⩽ 8 R1 ⩽ 8 R2 ⩽ 8	3.15	3.45	0.4	250	2000	DrMOS IMON	PMBUS, SVI3	3.3	TQFN-40（5x5）
BPD96032	2	R1+R2 ⩽ 12 R1 ⩽ 12 R2 ⩽ 12	3.15	3.45	0.4	250	2000	DrMOS IMON	PMBUS, SVI3	3.3	QFN-48（6x6）
BPD96058	3	R1+R2+R3 ⩽ 8 R1 ⩽ 8 R2 ⩽ 3 R3 ⩽ 2	3.15	3.45	0.45	250	2000	DrMOS IMON	PMBUS, SVI3	3.3	TQFN-52（6x6）

DrMOS

P/N	VCC/VDRV Operating Range(V)	Vin Operating Range(V)	Iout (max)(A)	Ishut-down(uA)	PWM logic(V)	Imon	Tmon	Package
BPD3010	4.5~5.5	/	/	0.1	3.3/5	/	/	WDFN 2x2-8
BPD3011	4.5~5.5	/	/	0.1	3.3/5	/	/	WDFN 2x2-8
BPD80350E	4.5~5.5	4.5~16	50	7	3.3/5	/	Y	TLGA 5x5
BPD80370E	4.5~5.5	4.5~16	70	10	3.3/5	Y	Y	TLGA 5x5
BPD80590	4.5~5.5	4.5~16	90	30	3.3/5	Y	Y	TLGA 4x6
BPD80690E	4.5~5.5	4.5~16	90	30	3.3/5	Y	Y	TLGA 5x6
BPD80750E	4.5~5.5	4.5~24	50	5	3.3/5	Y	N	TLGA 5x5
BPD80360E	4.5~5.5	4.5~16	60	5	3.3/5	Y	Y	TLGA5x5
BPC87860	3.0~3.6	3~24	60	21	3.3/5	Y	Y	TLGA 4x6
BPC86750	4.5~5.5	4.5~24	55	8	3.3/5	N	N	TLGA 5x5
BPC86750E	4.5~5.5	4.5~24	50	5	3.3/5	N	N	TLGA 5x5
BPC86355	4.5~5.5	4.5~16	55	5	3.3/5	N	N	TLGA 5x5
BPC86350	4.5~5.5	4.5~16	50	8	3.3/5	N	N	TLGA 5x5

Converter

P/N	Vin min (V)	Vin max (V)	Vout (V)	Iout (max)(A)	Ishut-down(uA)	Bias Voltage	Switching Frequency(kHz)	Power Good	External Soft Start	COT	Package
BPD60312	3	16	0.6~5.5	12	5	Internal(4.65V) External	600/800/1000	Y	Y	Y	QFN-21 (3x4)
BPC61312A	3	16	0.6~5.5	12	5	Internal 3.3V/ External	600/800/1000	Y	Y	Y	TQFN-21 (3x4)
BPD60306	3	16	0.6~5.5	6	5	Internal 4.65V External	600/1100/2000	Y	Y	Y	TQFN-14 (2x3)
BPD61306A	3	16	0.6~5.5	6	5	Internal 3.3V External	600/1100/2000	Y	Y	Y	TQFN-14 (2x3)
BPD60320	3	16	0.6~5.5	20	5	Internal 4.65V External	600/800/1000	Y	Y	Y	TQFN-21 (3x4)
BPD61320A	3	16	0.6~5.5	20	5	Internal 3.3V External	600/800/1000	Y	Y	Y	TQFN-21 (3x4)
BPD50338	4.5	18	0.807-5.5	3	1	Internal 4.5V/ External	500/1200	Y	N	Y	TSOT23-8Ld (1.6 x 2.9)
BPC60808E	4.5	24	0.3-2.8	10	1	External	600	Y	N	Y	TQFN-13（2 x 3）
BPC60310	3	16	0.6~5.5	12	5	External	300/400/500/600/700/800	Y	Y	Y	TLGA-23Ld (4 × 4)

eFuse/Hotswap

P/N	VDD operating range(V)	VIN operating range (V)	Iout (max) (A)	Ishut-down(uA)	Rdson (m Ω)	Protection	PMBUS	Package
BPD20350A	4.5~5.5	4.5~16	50	1.7	0.85	VIN OVLO、OCP、FOCP、OTP	/	TLGA-32Ld(5x5)
BPD20550	4.5~5.5	4.5~16	50	1.7	0.85	VIN OVLO、OCP、FOCP、OTP	I2C/PMBus	TLGA-32Ld(5x5)



LED LIGHTING DRIVER IC

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AC/DC Non-isolated Low PF

P/N	Package	MOSFET RDS-ON (Ω)	MOSFET Vds (V)	OTP (°C)	OVP	Iout max (mA) (Vin=176V-265V) Pout max（W）	Pout max（W） (Vin=176V-265V)
BP2863X	ASOP-7	22-12	500	140	-	120-190	12-17
BP2863XJ	ASOP-7	22-12	500	140	Y	120-190	12-17
BP2863XK	ASOP-7	22-12	500	120	-	120-190	12-17
BP2861X	SOP-7T	22-4.8	500	140	-	120-380	12-30
BP2861XJ	SOP-7T	22-4.8	500	140	Y	120-380	120-380
BP2821XK	ESSOP6	16-8.5	500	120	-	180-380	17-30
BP2866GJN	SOP-7D	3.0	500	140	Y	550	40
BP2866XJ	SOP-7D	12-2.0	500	140	Y	220-550	17-40
BP2868FN	HSOP-7	4.8-3	500	140	Y	450-500	30-43
BP2826FKN	ESSOP6	3	500	120	-	500	43
BP2867XJ	DIP-7D	5.8-2.0	500	140	Y	380-550	22-50
BP2862XS	BPSOP10	2-3.8	500	140	Y	380-550	22-50
BP2872XS	BPSOP10	2-3.8	500	140	Four Fixed Thresholds OVP (135V/225V/320V/no)	200-350	20-60
BP2870AS	SOP-8	-	-	140	Four Fixed Thresholds OVP (135V/225V/320V/no)	200-500	20-100
BP2872XD	BPSOP10	2-3.8	500	140	Y	200-350	20-60
BP2870D	SOP-8	-	-	Y		200-750	20-100

AC/DC Non-isolated Low PF（integrated MOSFETFET ）

P/N	Package	MOSFET RDS-ON (Ω)	MOSFET Vds (V)	OTP	Flicker free	OVP	Pout(W) @Vin:85V-265V	Pout(W) @Vin:176V-265V
BP3166XS	SOP7	25-14	650	Y	Y	Internal	3-5	5-7
BP3166XH	SOP7	9-3	650-600	Y	Y	Internal	7-12	9-15
BP3167XH	DIP7	4.7-2	650-600	Y	Y	Internal	12-24	15-24
BP3336DBL	SOP8	2.4	650	Y	Y	External	-	30
BP3186CB	SOP8	5.7	650	Y	Y	External	-	20
BP3186DB	SOP8	3	650	Y	Y	External	-	25
BP3187DB	DIP7	2	650	Y	Y	External	-	40
BP3187ED	DIP7	2.5	700	Y	Y	External	-	45
BP3332EB	BPSOP10	2	700	Y	Y	External	-	40
BP3182EB	BPSOP10	1.8	650	Y	Y	External	-	40
BP3182ED	BPSOP10	2	700	Y	Y	External	-	40
BP3187EB	DIP7	1.8	650	Y	Y	External	-	50
BP3337DB	DIP7	2	650	Y	Y	External	-	40
BP3337EB	DIP7	1.8	650	Y	Y	External	-	50
BP3189B	SOP8	External	External	Y	Y	External	-	100

AC/DC Non-isolated High PF

P/N	Package	No VCC No COMP	MOSFET RDS-ON(Ω)	MOSFET Vds (V)	OVP	Internal CS	rectified bridge integrated	Iout@Vout=72V (mA) (Vin=176V-265V)
BP2364DN	ASOP-8	Y	6.8	600	External	-	-	<220
BP2366DN	SOP7	Y	4.5	600	External	-	-	<220
BP2366EN	SOP7	Y	2.7	600	External	-	-	<240
BP2367EN	DIP7	Y	2.7	600	External	-	-	<260
BP2329AJ	SOT23-6	/	/	/	External	-	-	-
BP2362BH	SOP7	Y	9	500	External	-	-	<150
BP2362EHN	SOP7	Y	5	500	External	-	-	<180
BP2362GH	SOP7	Y	1.9	500	External	-	-	<270
BP2362JHL	SOP-7D	Y	1.9	600	External	-	-	10W
BP2373B	ASOP-7	Y	8	500	-	Y	Y	<150
BP2373CR	ASOP-7	Y	5.8	500	-	Y	Y	<180

AC/DC Non-isolated Low PF（Integrated BJT ）

P/N	Package	Winding	InternalNPN Vce max	OTP	Flicker free w/ multiple lamps parallel	OVP	Pout(W) @Vin:85V-265V
S6613SA	SOP7	2	780V	Y	Y	Internal	8~12
S6613D	DIP7	2	780V	Y	Y	Internal	12~18
S6614D	DIP7	2	780V	Y	Y	Internal	18~24

AC/DC Isolated High PF

P/N	Package	MOSFET RDS-ON (Ω)	MOSFET Vds (V)	Flyback/ Buck-boost	Protection	Pout(W) @Vin:85V-265V	Pout(W) @Vin:176V-265V
BP3336B	SOP8	4.8	650	Y	OTP/OVP	<10	<16
BP3336D	SOP8	2.2	650	Y	OTP/OVP	<13	<18
BP3339	SOP8	/	/	Y	OTP/OVP	<50	<100

Linear Driver

P/N	Package	Line Com-pensation	Overheat Regulation（℃）	Withstand Voltage(V)	Application	Single Power (W)	Lout(max) (mA)
BP5356HA	ESOP8	Y	programmable RTH	700/650/650	Three Segments	12	-
BP5356HB	ESOP8	Y	TREG：140	700/650/650	Three Segments	9	-
BP5336HC	ESOP8	Y	TREG：140	700/650/650	Three Segments	9	-
BP5336HD	ESOP8	Y	TREG：140	700/650/650	Three Segments	9	-
BP5336H	ESOP8	Y	TREG：140	700/700/700	Three Segments	10	80
BP5358H	ESOP8	Y	programmable RTH	700/700/700	Three Segments	10	80
BP5218AS	ESSOP6	Y	TREG：150	650/650	Two Segments	10	200/80
BP5212AS	HSOP7	Y	TREG：150	650/650	Two Segments	15	200/80
BP5218E	ESOP8	Y	TREG：150	700/500	Single Segment external constant power compensation	9	80/80
BP5219EC	ESSOP6	Y	TREG：150	500/500	Single Segment external constant power com-pensation	9	-
BP5218EC	ESSOP6	Y	TREG：150	500/500	Single Segment external constant power compensation	9	-
BP5218FCL	HSOP7	Y	TREG：150	500/500	Single Segment external constant power compensation	15	-
BP5218ECL	ESSOP6	N	TREG：150	500	Single Segment with integrated rectifier bridge	9	-
BP5228DS	ESOP8	Y	TREG：140	500	Two Segments	9	-
BP5228FE	ESOP8	Y	TREG：150	500	Single Segment external constant power compensation	10	-
BP5151DK	ESOP8	Y	TREG：150	650	Single Segment external constant power compensation	10	80
BP5131JA	SOT89-3	N	TREG：150	500	Single Segment constant current	7	60
BP5116AJ	ESOP8	N	TREG：150	500	Single Segment constant current	7	60
BP5116DL	ESOP-8	N	TREG：130	500	Single Segment constant current	10	80
BP5131HC	ESOP8	N	TREG：150	500	Single Segment constant current	10	80
BP5118GH	ESOP8	Y	135/150	500	High PF High Efficiency Single Segment	15	280
BP5133HC	HSOP-7	N	TREG：150	500	Single Segment constant current	10	80
BP5138XJ	ESSOP6	N	TREG：150	500	Single Segment constant current	7-10	60-80
BP5151DH	ESOP8	Y	TREG：130	650	Single Segment external constant power compensation	10	80

Current Rippler Remover

P/N	Package	OVP	MOS (V)	Flick-Free	Iout (mA)
BP5659B	SOT33-3	22V	40	Dimming Ripple Free Controler	90
BP5628C	SOP8	10V	40	Dimming Ripple Free Controler	200
BP5659A	SOT23-6	External	External	For PWM/Analog Dimming	＜1500

Buck/Flyback CC/CV

P/N	Package	PF	Max Current(mA)	Max Power (W)	MOS	Topology	Application
BP2506B	SOP8	>0.5	<300	-	500V/9Ω	Buck	CC/CV
BP2506D	SOP8	>0.5	<400	-	500V/4.7Ω	Buck	CC/CV
BP2506F	SOP8	>0.5	<500	-	500V/3Ω	Buck	CC/CV
BP2509	SOP8	>0.5	-	-	External	Buck	CC/CV
BP2513DP	SOP8	>0.5	<350	-	500V/9Ω	Buck	CC/CV
BP2516FP	SOP8	>0.5	<600	-	650V/4.7Ω	Buck	CC/CV
BP2519	SOT23-5	>0.5	<2000	-	External	Buck	CC/CV
BP3519	SOT23-5	>0.5	-	<50	External	PSR Flyback	CC/CV
BP3526GB	EHSOP12	>0.5	-	<65	650V/1.2 Ω	PSR Flyback	CC/CV
BP3529B	SOP8	>0.5	-	<100	External	PSR Flyback	CC/CV
BP3527E	DIP7	>0.5	-	<40	650V/2.0Ω	PSR Flyback	CC/CV
BP3537E	DIP7	>0.5	-	<45	700V/2.0Ω	SSR Flyback	CC/CV
BP3536D	EHSOP12	>0.5	-	<45	700V/2Ω	SSR Flyback	CC/CV
BP3536G	EHSOP12	>0.5	-	<65	700V/0.8Ω	SSR Flyback	CC/CV
BP3539	SOP8	>0.5	-	<150	External	SSR Flyback	CC/CV
BP3532GC	EHSOP10	>0.5	-	<150	800V	SSR Flyback	CC/CV
BP3532HC	EHSOP10	>0.5	-	<180	800V	SSR Flyback	CC/CV
BP3599	SOP16	>0.5	-	<500	External	SSR LLC	CC/CV
BP3617E	DIP7	>0.9	-	<50	700V/0.8 Ω	PSR Flyback/Buck	CV
BP3619	SOP8	>0.9	-	<150	External	PSR Flyback/Buck	CC

BOOST CC/CV

P/N	Package	PF	Pout(W) @176-265Vac	MOS	Application
BP2636BL	SOP8	BOOST	＜20	500V/7Ω	CV
BP2636CL	SOP8	BOOST	＜30	500V/4.8Ω	CV
BP2636CGL	SOP8	BOOST	＜30	500V/4.8Ω	CV
BP2636CN	SOP8	BOOST	＜30	500V/4.8Ω	CV
BP2636C	SOP8	BOOST	＜40	500V/3Ω	CV
BP2636CG	SOP8	BOOST	＜40	500V/3Ω	CV
BP2636D	SOP8	BOOST	＜55	500V/2.1Ω	CV
BP2636DG	SOP8	BOOST	＜55	500V/2.1Ω	CV
BP2635EG	ASOP8	BOOST	＜65	600V/2.1 Ω	CV
BP2639A	SOP8	BOOST	＜100	External	CV
BP2630G	SOP8	BOOST	＜100	External	CV
BP2628	SOP8	BOOST	＜250	External	CV
BP2628A	SOP8	BOOST	＜350	External	CV
BP2628D	SOP8	BOOST	＜400	External	CV
BP2638	SOP8	BOOST	＜400	External	CV
BP2638C	SOP8	BOOST	＜500	External	CV
BP2616B	SOP8	BOOST	＜20	500V/6Ω	CC
BP2616CL	SOP8	BOOST	＜40	500V/5Ω	CC
BP2616CH	SOP8	BOOST	＜40	500V/3 Ω	CC
BP2616EL	SOP8	BOOST	＜50	600V/2 Ω	CC
BP2618L	SOP8	BOOST	＜100	External	CC

Standby Power Supply

P/N	Package	PF	TP	Iout (mA)	MOS (V/Ω)	Application
BP6526B	ESOT-26	0.5	Efficient and Intelligent Converter	<150 (constant)	/	5VCV Ultralow standby power - Low-voltage input
BP2571BC	SOP8	0.5	BUCK	<200 (constant)	500/200	3.3V/5V CV Ultralow standby power
BP2571DC	SOP8	0.5	BUCK	<300 (constant)	500/12	3.3V/5V CV Ultralow standby power
BP8521C	SOP8	0.5	BUCK	<60(constant)	550/30	3.3V CV no Vcc ultralow Standby Power
BP8522D	SOP7	0.5	BUCK/buck-boost	<150(constant)	550/30	5V CV no Vcc ultralow Standby Power
BP8501CH	SOP8	0.5	BUCK	<60(constant)	650/25	3.3V/5V CV ultralow Standby Power
BP2525AHL	SOT33-5	0.5	BUCK	<150(constant)	650/35	3.3V/5V CV ultralow Standby Power
BP2525B	SOT33-5	0.5	BUCK	<200(constant)	500/17	3.3V/5V CV ultralow Standby Power
BP2525CH	SOT33-5	0.5	BUCK	<280(constant)	650/16	3.3V/5V CV ultralow Standby Power
BP2525D	SOT33-5	0.5	BUCK	<300(constant)	500/9	3.3V/5V CV ultralow Standby Power
BP2525F	SOT33-5	0.5	BUCK	<500(constant)	500/5.6	3.3V/5V CV ultralow Standby Power
BP2522B	SOT33-5	0.5	BUCK	<150(constant)	500/17	12V/24V CV ultralow Standby Power
BP2522D	SOT33-5	0.5	BUCK	<240(constant)	500/9	12V/24V CVultralow Standby Power
BP2522F	SOT33-5	0.5	BUCK	<320(constant)	500/5.6	12V/24V CVultralow Standby Power
BP2523B	SOT33-5	0.5	BUCK	<150(constant)	500/17	15V/18V CV ultralow Standby Power
BP2523CH	SOT33-5	0.5	BUCK	<190(constant)	650/16	15V/18V CVultralow Standby Power
BP8519C	SOT23-5	0.5	BUCK	<50	700/40	Low Standby Power
BP8516F	SOP8	0.5	BUCK	<300	650/8.5	Low Standby Power CV
BP2506B	SOP8	0.5	BUCK	/	500/10	CC CV Low Standby Power CV
BP2506	DSOP8	0.5	BUCK	/	500/4.8	CC CV Low Standby Power CV
BP2506F	SOP8	0.5	BUCK	/	500/3	CC CV Low Standby Power CV

Non-isolated PWM Dimming

P/N	Package	PF	TP	Power (W)	MOS	OVP	Dimming
BP2881B	SOP8	0.5	Buck	<19	500V/8.5Ω	Y	PWM
BP2881D	SOP8	0.5	Buck	<24	500V/4.8Ω	Y	PWM
BP2886B	SOP8	0.5	Buck	<19	500V/8.5Ω	Y	PWM
BP2886D	SOP8	0.5	BUCK	<24	500V/4.8Ω	Y	PWM
BP2886F	SOP8	0.5	BUCK	<35	500V/3Ω	Y	PWM
BP2887F	DIP7	0.5	BUCK	<40	500V/3Ω	Y	PWM
BP2887G	DIP7	0.5	BUCK	<50	500V/2Ω	Y	PWM
BP2878K	SOP8	0.5	Buck	<100	External	Y	PWM
BP2956XS	SOP8	0.5	Buck	<35	500V/4.8Ω/3Ω	Y	PWM
BP2958XE	HSOP7	0.5	Buck	<40	500V/4.8Ω/3Ω	Y	PWM
BP2958X	DIP7	0.5	Buck	<60	500V/4.8Ω/3Ω/2Ω	Y	PWM
BP2316CK	SOP8	0.7	Buck	<10	500V/5.2Ω	Y	PWM/Analog
BP2306CK	SOP8	0.9	Buck	<10	550V/5.2Ω	Y	PWM/Analog
BP2306HK	SOP8	0.9	Buck	<18	600V/2Ω	Y	PWM/Analog
BP2308	SOP8	0.9	BUCK	<100	External	Y	PWM/Analog

Linear PWM Dimming

P/N	Pack-age	Line Compen-sation	Power	Iout max (mA)	Chan-nel	MOS BV (V)	Dimming	DIM Mode	Application (-LD: linear driver)
BP5712E	ESOP8	Y	10	80	1	500	PWM	Analog	ErP dimmable LED LD
BP5711EJ	ESOP8	Y	10	120	1	500	PWM/Analog	Chopping	Dimmable LED LD
BP5711FJ	ESOP8	Y	10	180	1	500	PWM	Analog	Dimmable LED LD
BP5772D	ESOP8	Y	10	80	2	500/500	PWM	Analog	ErP dual channel dimmable LED LD
BP5778EK	ESOP8	Y	10	100	2	500/500	PWM	Analog	Dual channel dimmable LED LD
BP5778EJ	ESOP8	N	10	120	2	500/500	PWM/Analog	Chopping	Dual channel dimmable LED LD
BP1638CJ	ESOP8	N	10	200	3	40V / 6Ω	PWM	Chopping	3-channel dimmable LED LD
BP1658CJ	ESOP8	N	10	CW:<75 RGB:<150	5	CW:500 RGB:40	I2C	Analog	I2C 5-channel dimmable LED LD
BP5758D	ESOP8	N	10	90	5	500	I2C	Analog	I2C 5-channel dimmable LED LD
BP5768D	ESOP10	Y	10	90	5	500	I2C	Analog	new ErP, I2C 5-channel dimmable LED LD

DC-DC PWM Dimming

P/N	Package	MOSFET RDS-ON	TP	Vin max (V)	Vout max (V)	Analog Dimming	PWM Dimming
BP1618	ESOP16	0.13Ω	BOOST+LINEAR	3-24	＜30	-	Y
BP1386	SOP8	External	BUCK	<80	＜60	Y	Y
BP1389	TSSOP16	External	BUCK	<80	＜60	Y	Y
BP1808A	ESOP-8	0.3Ω	BUCK-BOOST /BOOST/BUCK	3-60	＜60	Y	Y
BP1808	ESOP-8	0.3Ω	BUCK-BOOST /BOOST/BUCK	3-60	＜60	Y	Y
BP1371	SOT89-5	0.3Ω	BUCK	5-40	＜40	Y	Y
BP1360	SOT23-5	0.3Ω	BUCK	5-40	＜40	Y	Y
BP1362	SOP7	0.5Ω	BUCK	10-80	-	N	N

Switch ON/OFF Dimming

P/N	Package	MOSFET	Iout max/Power	Reset Time	Dimming logic	Application
S4525S	SOP8	0.6A 400V SCR	260mA/50W	Internal11S	non-isolated CCT controller	non-isolated CCT controller
S4523B	SOT23-5	/	No limit	Internal12S	A->B->A+B	non-isolated CCT controller
S4523RB	SOT23-5	/	No limit	Internal6S	A+B->A->B	non-isolated CCT controller
BP5828CJ	ESOP-8	/	3~9W	Internal7S	A->B->(A+B)/2	CCT controller with LED linear driver
BP5828CH	ESOP-8	/	379W	Internal7S	A->B->(A+B)/2	CCT controller with LED linear driver
S4120MB	SOT23-6	External MOS/SCR	No limit	1S ON/OFF twice	A->B->(A+B)/2	non-isolated CCT controller with memory
S4225MB	SOP8	1A 400V SCR	300mA	1S ON/OFF twice	A->B->(A+B)/2	non-isolated CCT controller with memory
S4226MB	SOP8	1A 400V SCR	300mA	10S ON/OFF 7times	A->(A+B)/2->B	non-isolated CCT controller with memory
S4512MB	SOP8	0.8A 400V SCR	260mA	10S ON/OFF 7times	A->B->(A+B)/2	non-isolated CCT controller with memory (for LED linear driver)
S4165M	SOT23-6	/	/	1S ON/OFF twice	100%->50%->12%	3-stage CCT controller with memory
S4723MB	SOP8	External MOS/SCR	/	1S ON/OFF twice	A->B->C	3-stage CCT controller with memory
S4223MD	SOT23-6	/	/	1S ON/OFF twice	A->B->A+B	controller with memory

PWM CCT

P/N	Package	MOS (V/Ω)	MOSFET (mA)	Application	Status
BP5926A	SOP8	100 / 0.6	<700	PWM CCT	0-100%
BP5936D	SOP8	250/6	<200	PWM OR ANALOG/CCT	0-100%
BP5929	SOP8	External	-	PWM CCT	0-100%

0-10V/DALI Dimming

P/N	Package	PF	TP	Power(W) @85-265Vac	MOS	Application
BP3378AD	SOP8	>0.9	FLYBACK/ BUCK-BOOST	<80	External	0-10V dimming
BP3176BF	SOP8	0.5	FLYBACK/ BUCK-BOOST	<25	650V/3Ω	DALI dimming
BP3177DG	DIP-7	0.5	FLYBACK/ BUCK-BOOST	<45	700V/2Ω	DALI dimming
BP3177FGC	DIP-7	0.5	FLYBACK/ BUCK-BOOST	<65	800V/1Ω	DALI dimming
BP3179E	SOP8	0.5	FLYBACK/ BUCK-BOOST	<100	External	Analog/ PWM
BP3179D	SOP8	0.5	FLYBACK/ BUCK-BOOST	<150	External	0-10V dimming
BP2879DB	SOP8	0.5	BUCK	<400	External	0-10V dimming
BP2879E	SOP8	0.5	BUCK	<400	External	DALI dimming
BP5011	SOP8	-	-	-	-	0-10V/RSET/ PWM
BP5001	SOP8	-	-	-	-	1-10V/RSET
BP5001D	SOP8	-	-	-	-	0-10V/RSET
BP5016B	SOP8	-	-	-	650V/4.7Ω	DALI dimming

Linear TRIAC Dimming

P/N	Package	Line Compensation	Overheat Regulation	MOS BV (V)	Application (-LD: Linear Driver)
BP5176GB+GC	ESSOP6	Y	N	500	Erp TRIAC dimmable LED LD
BP5177GB+GC	ESSOP6	Y	N	500	Erp TRIAC dimmable LED LD
BP5198A+B	ESOP8+HSOP8	Y	Y	500	high efficiency TRIAC dimmable LED LD
BP5188GC	ESOP8	Y	external	350	high efficiency TRIAC dimmable LED LD
BP5178GC	ESOP8	Y	external	350	high efficiency TRIAC dimmable LED LD
BP5188GCL	ESOP8	Y	external	350	high efficiency TRIAC dimmable LED LD
BP5178GCL	ESOP8	Y	external	350	high efficiency TRIAC dimmable LED LD
BP5188GL	ESOP8	Y	external	350	high efficiency TRIAC dimmable LED LD with integrated diode
BP5188GSN	ESOP8	Y	external	350	high efficiency TRIAC dimmable LED LD
BP5178GS	ESOP8	Y	external	350	high efficiency TRIAC dimmable LED LD
BP5178BC	ESOP8	Y	external	350	high efficiency TRIAC dimmable LED LDwith integrated De-Ripple
BP5178BCH	ESOP8	Y	external	350	high efficiency TRIAC dimmable LED LDwith integrated De-Ripple
BP5178BCL	ESOP8	Y	external	350	high efficiency TRIAC dimmable LED LDwith integrated De-Ripple
BP5132HC	ESOP8	N	TREG：150°C	500	dual channel LED LD

SMPS TRIAC Dimming

P/N	Package	PF	MOSFET RDS-ON(Ω)	MOSFET Vds(V)	TP	OTP	Pout(W) Vin=120Vac	Pout(W) Vin=220Vac
BP3276AML	SOP8	0.9	22	500	Boost	Y	-	<8
BP3276AHL	SOP8	0.9	4.8	500	Boost	Y	-	<15
BP3276CL	SOP8	0.9	3	500	Boost	Y	<15	<22
BP3278L	SOP8	0.9	/	/	Boost	Y	<50	<80
BP3296B	SOP8	0.9	10	500	High efficiency Boost	Y	-	<8
BP3286HL	SOP8	0.9	4.7	650	Buckboost/Flyback	Y	<10	<12
BP3287HL	SOP8	0.9	4.7	650	Buckboost/Flyback	Y	<10	<12
BP3296H	SOP8	0.9	8	650	High efficiency Buckboost	Y	-	<8
BP3286CL	SOP8	0.9	3	500	Buckboost/Flyback	Y	<12	<15
BP3286JL	SOP8	0.9	2.2	650	Buckboost/Flyback	Y	<18	<24
BP3288L	SOP8	0.9	/	/	Buckboost/Flyback	Y	<30	<35

Two-Wire (No Neutral)

P/N	Package	MOSFET BV	TP	Zero Crossing Detection	Minimum Workable Load	Maximum Load (kW)	Standby Power(mW)	Application
BP2535C	SOT33-5A	700V	FLYBACK	-	-	-	<1.5	Utralow Standby Power AC-DC Flyback Switcher
BP8005	SOT33-5B	-	-	-	12V3mA	2	-	Asic for None-neutral Smart Switch
BP8009	SOP8	-	-	Y	12V3mA	2	-	Asic for None-neutral Smart Switch



MOTOR CONTROL AND DRIVE IC

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Industrial Grade MCU - 03Series

Device	Freq (MH)	FLASH (KB)	RAM (KB)	Package	GPIO	MCUPower Supply (V)	16BIT Timer (Ch.)	32BIT Timer (Ch.)	MCPWM (way/ pairs)	ADC	ADC Channel (Ch.)	DAC	OPA	CMP	SPI	IIC	UART	HALL (way)	QEP	Temp. Sensor	PLL	Gate Driver	Driver Current (A)	Operating Temp(°C)	CMP (Ch.)	LIN	Driver Supply(V)	Floating Gate Voltage (V)	LDO (V)	ART Accelerator
LKS32HD303M6S8C	48	32	4	SSOP24L	22	2.5~5.5	1	1	6/3	12BITx1	9	8BITx1	3	2	1	1	1	3	-	Yes	Yes	-	-	-40~105	8	-	-	-	-	Yes
LKS32MC031KLC6T8B	48	32	4	LQFP48L	18	2.5~5.5	1	1	6 /3	12BITx1	9	8BITx1	3	2	1	1	1	3	-	Yes	Yes	6N	+0.2/-0.35	-40~105	8	-	13~20	600	5	Yes
LKS32MC031PC6Q8C	48	32	4	DFN5.0*6.0 48L	14	2.5~5.5	1	1	6 /3	12BITx1	1	8BITx1	2	2	6	1	1	3	-	Yes	Yes	3P3N	+0.05/-0.3	-40~105	6	-	3P3N	-	5V	Yes
KS32MC032LK6T8C	48	32	4	LQFP32	25	2.5~5.5	1	1	6/3	12BITx1	9	8BITx1	2	2	6	1	1	3	-	Yes	Yes	-	-	-40~105	8	-	-	-	-	Yes
LKS32MC033PL5H6P8C	48	32	4	TSSOP20L	14	2.5~5.5	1	1	6/3	12BITx1	16	8BITx1	2	2	1	1	1	3	-	Yes	Yes	-	-	-40~105	8	-	-0.3~24	-	5V	Yes
LKS32MC033PH6Q8C	48	32	4	TSSOP20L	14	2.5~5.5	1	1	6/3	12BITx1	5	8BITx1	2	2	1	1	1	3	-	Yes	Yes	3P3N	-	-40~105	4	-	-0.3~24	-	5V	Yes
LKS32MC033H6P8B	48	32	4	TSSOP20L	17	2.5~5.5	1	1	6 /3	12BITx1	1	8BITx1	2	2	1	1	1	3	-	Yes	Yes	-	-	-40~105	5	-	-	-	-	Yes
LKS32MC033H6Q8B	48	32	4	QFN20L	17	2.5~5.5	1	1	6 /3	12BITx1	7	8BITx1	1	2	1	1	1	3	-	Yes	Yes	-	-	-40~105	5	-	-	-	-	Yes
LKS32MC034DF6Q8B	48	32	4	QFN40L	19	2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	3	-	Yes	Yes	6N	+1.0/-1.0	-40~105	8	-	7~20	200	5	Yes
LKS32MC034DOF6Q8B	48	32	4	QFN40L	19	2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	3	-	Yes	Yes	6N	+1.0/-1.0	-40~105	8	-	7~20	200	5	Yes
LKS32MC034FLF6Q8B	48	32	4	QFN40L	19	2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	3	-	Yes	Yes	6N	+1.0/-1.0	-40~105	8	-	7~20	200	5	Yes
LKS32MC034FLK6Q8C	48	32	4	QFN40L	19	2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	3	-	Yes	Yes	6N	+1/-1.2	-40~105	8	-	4.5~20	200	5	Yes
LKS32MC034FLNK6Q8C	48	32	4	QFN32L	19	2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	3	-	Yes	Yes	6N	+1/-1.2	-40~105	8	-	4.5~20	200	5	Yes
LKS32MC034F2LF6Q8C	48	32	4	QFN40L	19	2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	3	-	Yes	Yes	6N	+1/-1	-40~105	8	-	-0.3~48	90	5	Yes
LKS32MC034F2LNK6Q8C	48	32	4	QFN32L	19	2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	3	-	Yes	Yes	6N	+1/-1.2	-40~105	8	-	-0.3~48	90	5	Yes
LKS32MC034F2LM6Q8C	48	32	4	QFN24L	19	2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	3	-	Yes	Yes	6N	+1/-1	-40~105	8	-	-0.3~48	90	5	Yes
LKS32MC034SF6Q8B	48	32	4	QFN40L	19	2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	3	-	Yes	Yes	6N	+1.2/-1.5	-40~105	8	-	4.5~20	200	5	Yes
LKS32MC034S2F6Q8B	48	32	4	QFN41L	19	2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	3	-	Yes	Yes	6N	+1/-1	-40~105	8	-	4.5~20	200	5	Yes
LKS32MC035DL6S8B	48	32	4	SOP16L	7	2.5~5.5	1	1	6 /3	12BITx1	5	8BITx1	1	2	1	1	1	1	-	Yes	Yes	3P3N	+0.05/-0.3	-40~105	4	-	7.5~28	-	5	Yes
LKS32MC035EL6S8B	48	32	4	SOP16L	7	2.5~5.5	1	1	6 /3	12BITx1	4	8BITx1	1	2	1	1	1	1	-	Yes	Yes	3P3N	+0.05/-0.3	-40~105	3	-	7.5~28	-	5	Yes
LKS32MC037M6S8B	48	32	4	SSOP24L	21	2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	3	-	Yes	Yes	-	-	-40~105	8	-	-	-	-	Yes
LKS32MC037LM6S8B	48	32	4	SSOP24L	21	2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	3	-	Yes	Yes	-	-	-40~105	8	-	-	-	5	Yes
LKS32MC037EM6S8B	48	32	4	SSOP24L	20	2.5~5.5	1	1	6 /3	12BITx1	9	8BITx1	2	2	1	1	1	3	-	Yes	Yes	3P3N	+0.05/-0.3	-40~105	7	-	7.5~28	-	5	Yes
LKS32MC037FM6S8B	48	32	4	SSOP24L	20	2.5~5.5	1	1	6 /3	12BITx1	9	8BITx1	2	2	1	1	1	3	-	Yes	Yes	3P3N	+0.05/-0.3	-40~105	7	-	7.5~28	-	5	Yes
LKS32MC037QM6Q8B	48	32	4	QFN24L	20	2.5~5.5	1	1	6 /3	12BITx1	9	8BITx1	2	2	1	1	1	3	-	Yes	Yes	3P3N	+0.05/-0.3	-40~105	7	-	7.5~28	-	5	Yes
LKS32MC038KU6Q8B	48	32	4	QFN43L	18	2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	3	-	Yes	Yes	6N	+0.2/-0.35	-40~105	8	-	13~20	600	55	Yes
LKS32MC038LY6Q8B	48	32	4	QFN28L		2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	3	-	Yes	Yes	-	-	-40~105	8	-	-	-	5	Yes
LKS32MC038LY6P8B	48	32	4	TSSOP28L	25	2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	3	-	Yes	Yes	-	-	-40~105	8	-	-	-	5	Yes
LKS32MC038Y6P8B	48	32	4	TSSOP28L	25	2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	3	-	Yes	Yes	-	-	-40~105	8	-	-	-	-	Yes
LKS32MC039DK6Q8B	48	32	4	QFN32L	20	2.5~5.5	1	1	6 /3	12BITx1	9	8BITx1	2	2	1	1	1	3	-	Yes	Yes	3P3N	+0.05/-0.3	-40~105	8	-	7.5~28	-	5	Yes
LKS32MC039PL5K6Q8B	48	32	4	QFN32L	20	2.5~5.5	1	1	6 /3	12BITx1	9	8BITx1	2	2	1	1	1	3	-	Yes	Yes	-	-	-40~105	8	-	-	-	5	Yes
LKS32MC039PL3K6Q8B	48	32	4	QFN32L	20	2.5~5.5	1	1	6 /3	12BITx1	9	8BITx1	2	2	1	1	1	3	-	Yes	Yes	-	-	-40~105	8	-	-	-	3.3	Yes
LKS32MC039PL3K6Q8C	48	32	4	QFN32L	20	2.5~5.5	1	1	6 /3	12BITx1	9	8BITx1	2	2	1	1	1	3	-	Yes	Yes	-	-	-40~105	8	-	-	-	3.3	Yes

Industrial Grade MCU - 05Series

Device	Freq (MH)	FLASH (KB)	RAM (KB)	Package	GPIO	MCUPower Supply (V)	16BIT Timer (Ch).	32BIT Timer (Ch.)	MCPWM (way/ pairs)	ADC	ADC Channel (Ch.)	DAC	OPA	CMP	SPI	IIC	UART	HALL (way)	Temp. Sensor	PLL	Gate Driver	Driver Current (A)	Operating Temp (°C)	CMP (Ch.)	Driver Supply (V)	Floating Gate Voltage (V)	LDO (V)	ART Accelerator
LKS32MC051C6T8	96	32	2.56	TQFP48	46	2.5~5.5	2	2	8 /4	12BITx1	12	12BITx1	2	2	1	1	2	3	Yes	Yes	-	-	-40~105	8	-	-	-	Yes
LKS32MC051DC6T8	96	32	2.56	TQFP48	30	2.5~5.5	2	2	8 /4	12BITx1	11	12BITx1	2	2	1	1	2	3	Yes	Yes	6N	+1.2/-1.5	-40~105	8	4.5~20	200	-	Yes
LKS32MC052K6Q8	96	32	2.56	QFN32L	31	2.5~5.5	2	2	6 /3	12BITx1	8	12BITx1	2	2	1	1	2	3	Yes	Yes	-	-	-40~105	6	-	-	-	Yes
LKS32MC054DF6Q8	96	32	2.56	QFN40L	25	2.5~5.5	2	2	6 /3	12BITx1	9	12BITx1	2	2	1	1	2	3	Yes	Yes	6N	+1.2/-1.5	-40~105	8	4.5~20	200	-	Yes
LKS32MC054DOF6Q8	96	32	2.56	QFN40L	24	2.5~5.5	2	2	6 /3	12BITx1	9	12BITx1	2	2	1	1	2	3	Yes	Yes	6N	+1.2/-1.5	-40~105	8	4.5~20	200	5	Yes
LKS32MC055DL6S8	96	32	2.56	SOP16L	6	2.5~5.5	2	2	6 /3	12BITx1	3	12BITx1	1	2	1	1	2	1	Yes	Yes	3P3N	+0.05/-0.3	-40~105	4	7.5~28	-	5	Yes
LKS32MC055EL6S8	96	32	2.56	SOP16L	8	2.5~5.5	2	2	6 /3	12BITx1	4	12BITx1	1	2	1	1	2	3	Yes	Yes	3P3N	+0.05/-0.3	-40~105	6	7.5~28	-	5	Yes
LKS32MC057M6S8	96	32	2.56	SSOP24L	22	2.5~5.5	2	2	6 /3	12BITx1	6	12BITx1	2	2	1	1	2	3	Yes	Yes	-	-	-40~105	6	-	-	-	Yes
LKS32MC057EM6S8	96	32	2.56	SSOP24L	15	2.5~5.5	2	2	6 /3	12BITx1	6	12BITx1	2	2	1	1	2	3	Yes	Yes	3P3N	+0.05/-0.3	-40~105	6	7.5~28	-	5	Yes

Industrial Grade MCU - 08Series

Device	Freq (MH)	FLASH (KB)	RAM (KB)	Package	GPIO	DSP	MCUPower Supply (V)	16BIT Timer (Ch).	32BIT Timer (Ch.)	MCPWM (way/ pairs)	ADC	ADC Channel (Ch.)	DAC	OPA	CMP	SPI	IIC	UART	CAN	HALL (way)	QEP	Temp. Sensor	PLL	Gate Driver	Driver Current (A)	Operating Temp (°C)	CMP (Ch.)	LIN	Driver Supply(V)	Floating Gate Voltage(V)	LDO (V)	ART Accelerator
LKS32MC080R8T8	96	64	8	LQFP64	60	Yes	3.0~5.5	2	2	8 /4	12BITx1	13	12BITx1	4	2	1	1	2	Yes	3	Yes	Yes	Yes	-	-	-40~105	9	-	-	-	-	Yes
LKS32MC081C8T8	96	64	8	TQFP48	44	Yes	3.0~5.5	2	2	8 /4	12BITx1	12	12BITx1	4	2	1	1	2	-	3	-	Yes	Yes	-	-	-40~105	9	-	-	-	-	Yes
LKS32MC082K6Q8	96	64	8	QFN32	29	Yes	3.0~5.5	2	2	8 /4	12BITx1	8	12BITx1	3	2	1	1	2	-	3	-	Yes	Yes	-	-	-40~105	6	-	-	-	-	Yes
LKS32MC083C8T8	96	64	8	TQFP48	44	Yes	3.0~5.5	2	2	8 /4	12BITx1	12	12BITx1	4	2	1	1	2	Yes	3	Yes	Yes	Yes	-	-	-40~105	9	-	-	-	-	Yes
LKS32MC084DF6Q8	96	32	8	QFN40	24	Yes	3.0~5.5	2	2	8 /4	12BITx1	11	12BITx1	4	2	1	1	2	-	3	-	Yes	Yes	6N	+1.2/-1.5	-40~105	7	-	4.5~20	200	-	Yes
LKS32MC086N8Q8	96	64	8	QFN52	36	Yes	3.0~5.5	2	2	8 /4	12BITx1	11	12BITx1	4	2	1	1	2	Yes	3	-	Yes	Yes	6N	+1.2/-1.5	-40~105	9	-	4.5~20	200	-	Yes
LKS32MC087M6S8	96	32	8	SSOP24	21	Yes	3.0~5.5	2	2	6 /3	12BITx1	5	12BITx1	2	2	-	-	1	-	3	-	Yes	Yes	-	-	-40~105	6	-	-	-	-	Yes
LKS32MC087AM6S8	96	32	8	SSOP24	21	-	3.0~5.5	2	2	6 /3	12BITx1	5	12BITx1	2	2	-	-	1	-	3	-	Yes	Yes	-	-	-40~105	6	-	-	-	-	Yes
LKS32MC087CM6S8	96	64	8	SSOP24	20	-	3.0~5.5	2	2	6 /3	12BITx1	5	12BITx1	2	2	-	-	1	Yes	3	-	Yes	Yes	-	-	-40~105	6	-	-	-	-	Yes
LKS32MC087DM6S8	96	32	8	SSOP24	21	-	3.0~5.5	2	2	6 /3	12BITx1	5	12BITx1	2	2	-	-	1	-	3	-	Yes	Yes	3P3N	+0.05/-0.3	-40~105	6	-	7~28	-	5	Yes
LKS32MC087EM6S8	96	32	8	SSOP24	20	-	3.0~5.5	2	2	6 /3	12BITx1	5	12BITx1	2	2	-	-	1	-	3	-	Yes	Yes	3P3N	+0.05/-0.3	-40~105	7	-	7~28	-	5	Yes
LKS32MC088C6T8	96	32	8	TQFP48	44	Yes	3.0~5.5	2	2	8 /4	12BITx1	12	12BITx1	4	2	1	1	2	-	3	-	Yes	Yes	-	-	-40~105	9	-	-	-	-	Yes
LKS32MC088KU8Q8	96	64	8	QFN43L	27	Yes	3.0~5.5	2	2	8 /4	12BITx1	8	12BITx1	3	2	1	1	2	Yes	3	Yes	Yes	Yes	6N	+0.45/-1.0	-40~105	7	-	4.5~20	600	5	Yes
LKS32MC088K2U8Q8	96	64	8	QFN43L	27	Yes	3.0~5.5	2	2	8 /4	12BITx1	8	12BITx1	3	2	1	1	2	Yes	3	-	Yes	Yes	6N	+0.2/-0.35	-40~105	7	-	13~20	650	5	Yes

Industrial Grade MCU - 07Series

Device	Freq (MH)	FLASH (KB)	RAM (KB)	Package	GPIO	DSP	MCUPower Supply (V)	16BIT Timer (Ch).	32BIT Timer (Ch.)	MCPWM (way/ pairs)	ADC	ADC Channel (Ch.)	DAC	OPA	CMP	SPI	IIC	UART	CAN	HALL (way)	QEP	Temp. Sensor	PLL	Gate Driver	Driver Current(A)	Operating Temp (℃)	CMP (Ch.)	Driver Supply(V)	Floating Gate Voltage(V)	LDO (V)	ART Accelerator
LKS32MC070FLRBT8	96	128	12	LQFP64	43	Yes	2.5~5.5	2	2	12 /6	12BITx2	14	12BITx2	4	3	1	1	2	Yes	3	Yes	Yes	Yes	6N	+1/-1	-40~105	10	4.5~20	250	5	Yes
LKS32MC070RBT8	96	128	12	LQFP64	62	Yes	2.5~5.5	2	2	12 /6	12BITx2	14	12BITx2	4	3	1	1	2	Yes	3	Yes	Yes	Yes	-	-	-40~105	11	-	-	-	Yes
LKS32MC071C8T8	96	64	12	TQFP48	46	Yes	2.5~5.5	2	2	12 /6	12BITx2	13	12BITx2	4	3	1	1	2	-	3	Yes	Yes	Yes	-	-	-40~105	11	-	-	-	Yes
LKS32MC071CBT8	96	128	12	TQFP48	46	Yes	2.5~5.5	2	2	12 /6	12BITx2	13	12BITx2	4	3	1	1	2	Yes	3	Yes	Yes	Yes	-	-	-40~105	11	-	-	-	Yes
LKS32MC071DOC8T8	96	64	12	TQFP48	28	Yes	2.5~5.5	2	2	12 /6	12BITx2	13	12BITx2	3	3	1	1	2	Yes	3	Yes	Yes	Yes	6N	+1/-1	-40~105	10	4.5~20	250	5	Yes
LKS32MC0722KBT8	96	128	12	LQFP32	28	Yes	2.5~5.5	2	2	12 /6	12BITx1	11	12BITx1	3	3	1	1	2	Yes	3	Yes	Yes	Yes	6N	+1/-1	-40~105	8	4.5~20	250	5	Yes
LKS32MC072KBQ8	96	64	12	QFN32	31	Yes	2.5~5.5	2	2	12 /6	12BITx2	8	12BITx2	3	3	1	1	2	-	3	Yes	Yes	Yes	-	-	-40~105	7	-	-	-	Yes
LKS32MC072KBT8	96	128	12	LQFP32	28	Yes	2.5~5.5	2	2	12 /6	12BITx1	11	12BITx1	0	2	1	1	2	Yes	3	Yes	Yes	Yes			-40~105	8	-	-	-	Yes
LKS32MC073HBQ8	96	128	12	QFN20L	18	Yes	2.5~5.5	2	2	12 /6	12BITx2	4	12BITx2	1	2	0	1	2	-	3	Yes	Yes	Yes	-	-	-40~105	4	-	-	-	Yes
LKS32MC074DF8Q8	96	64	12	QFN40	25	Yes	2.5~5.5	2	2	12 /6	12BITx2	13	12BITx2	3	3	1	1	2	-	3	Yes	Yes	Yes	6N	+1.2/-1.5	-40~105	9	7~20	200	-	Yes
LKS32MC074DOF8Q8	96	64	12	QFN40	25	Yes	2.5~5.5	2	2	12 /6	12BITx2	12	12BITx2	3	3	1	1	2	-	3	Yes	Yes	Yes	6N	+1/-1	-40~105	9	4.5~20	250	5	Yes
LKS32MC076FNBQ8	96	128	12	QFN52	37	Yes	2.5~5.5	2	2	12 /6	12BITx2	12	12BITx2	4	3	1	1	2	Yes	3	Yes	Yes	Yes	6N	+1.2/-1.5	-40~105	11	7~20	200	-	Yes
LKS32MC077EM8S8	96	64	12	SSOP24	14	Yes	2.5~5.5	2	2	12 /6	12BITx2	6	12BITx2	2	3	1	1	2	-	3	Yes	Yes	Yes	3P3N	+0.05/-0.3	-40~105	7	7~28	-	5	Yes
LKS32MC077M8S8	96	64	12	SSOP24	22	Yes	2.5~5.5	2	2	12 /6	12BITx2	6	12BITx2	2	3	1	1	2	-	3	Yes	Yes	Yes	-	-	-40~105	6	-	-	-	Yes
LKS32MC078KUBQ8	96	128	12	QFN52	29	Yes	2.5~5.5	2	2	12 /6	12BITx2	10	12BITx2	3	3	1	1	2	-	3	Yes	Yes	Yes	6N	+0.45/-1	-40~105	9	4.5~20	600	-	Yes

Industrial Grade MCU - 09Series

Device	Freq (MH)	FLASH (KB)	RAM (KB)	Package	GPIO	DSP	MCUPower Supply (V)	16BIT Timer (Ch).	32BIT Timer (Ch.)	MCPWM (way/ pairs)	ADC	ADC Channel (Ch.)	DAC	OPA	CMP	SPI	IIC	UART	CAN	HALL (way)	QEP	Temp. Sensor	PLL	Gate Driver	Driver Current(A)	Operating Temp (℃)	CMP (Ch.)	Driver Supply(V)	Floating Gate Voltage(V)	LDO (V)	ART Accelerator
LKS32MC091CBT8	96	128	8	TQFP48	-	Yes	2.5~5.5	4	2	12/6	12BITx2	12	12BITx1、8BITx1	4	2	1	1	3	-	3 路	Yes	Yes	Yes	-	-	-40~105	9	-	-	-	Yes

Industrial Grade MCU - 45Series

Device	Freq (MH)	FLASH (KB)	RAM (KB)	Package	GPIO	DSP	MCUPower Supply (V)	16BIT Timer (Ch).	32BIT Timer (Ch.)	MCPWM (way/ pairs)	ADC	ADC Channel (Ch.)	DAC	OPA	CMP	SPI	IIC	UART	CAN	HALL (way)	QEP	Temp. Sensor	PLL	Gate Driver	Driver Current (A)	Operating Temp (℃)	CMP (Ch.)	Driver Supply (V)	Floating Gate Voltage (V)	Supply (V)	ART Accelerator
LKS32MC451VCT8	192	256	40	LQFP100	84	Yes	3.0~3.6	3	2	16 /8	14BITx3	27	12BITx2	6	6	2	2	3	FD	6	4	Yes	Yes	-	-	-40~105	24	-	-	-	Yes
LKS32MC451LVCT8	192	256	40	LQFP100	84	Yes	4.5~5.5	3	2	16 /8	14BITx3	27	12BITx2	6	6	2	2	3	FD	6	4	Yes	Yes	-	-	-40~105	24	-	-	5	Yes
LKS32MC452FPCT8	192	256	40	LQFP80	45	Yes	3.0~3.6	3	2	16 /8	14BITx3	21	12BITx2	5	6	2	2	3	FD	6	2	Yes	Yes	6N	+1.2/-1.5	-40~105	16	4.5~20	200	-	Yes
LKS32MC452SPCT8	192	256	40	LQFP80	45	Yes	3.0~3.6	3	2	16 路 /8 对	14BITx3	21	12BITx2	5	6	2	2	3	FD	6 路	2	Yes	Yes	6N	+1.2/-1.5	-40~105	16	4.5~20	200	-	Yes
LKS32MC453RCT8	192	256	40	LQFP64	61	Yes	3.0~3.6	3	2	16 /8	14BITx3	18	12BITx2	6	6	2	2	3	FD	6	4	Yes	Yes	-	-	-40~105	20	-	-	-	Yes
LKS32MC454CCT8	192	256	40	TQFP48	44	Yes	3.0~3.6	3	2	16 /8	14BITx3	20	12BITx2	4	6	2	2	3	FD	6	4	Yes	Yes	-	-	-40~105	15	-	-	-	Yes
LKS32MC454NCQ8	192	256	40	QFN52	49	Yes	3.0~3.6	3	2	16 /8	14BITx3	15	12BITx2	4	6	2	2	3	FD	6	4	Yes	Yes	-	-	-40~105	15	-	-	-	Yes
LKS32MC455RCT8	192	256	40	LQFP64	55	Yes	3.0~3.6	3	2	16 /8	14BITx3	21	12BITx2	4	6	2	2	3	FD	6	4	Yes	Yes	-	-	-40~105	18	-	-	-	Yes
LKS32MC455LRCT8	192	256	40	LQFP64	55	Yes	4.5~5.5	3	2	16 /8	14BITx3	21	12BITx2	4	6	2	2	3	FD	6	4	Yes	Yes	-	-	-40~105	18	-	-	5	Yes
LKS32AT455FXLRCQ9	192	256	40	QFN64	46	Yes	3.0~3.6	3	2	16 /8	14BITx3	19	12BITx2	6	6	2	2	3	FD	6	4	Yes	Yes	-	-	-40~105	19	-	-	5	Yes
LKS32MC457RCT8	192	256	40	LQFP64	53	Yes	4.5~5.5	3	2	16 /8	14BITx3	19	12BITx2	1	6	2	2	3	FD	6	4	Yes	Yes	-	-	-40~105	16	-	-	-	Yes
LKS32MC457LRCT8	192	256	40	LQFP64	54	Yes	4.5~5.5	3	2	16 /8	14BITx3	21	12BITx2	2	6	2	2	3	FD	6	4	Yes	Yes	-	-	-40~105	18	-	-	-	Yes

The Auto GradeMCU

Device	Freq (MH)	FLASH (KB)	RAM (KB)	Package	GPIO	DSP	MCUPower Supply (V)	16BIT Timer (Ch).	32BIT Timer (Ch.)	MCPWM (way/ pairs)	ADC	ADC Channel (Ch.)	DAC	OPA	CMP	SPI	IIC	UART	CAN	HALL (way)	QEP	Temp. Sensor	PLL	Gate Driver	Driver Current(A)	Operating Temp (℃)	CMP (Ch.)	LIN	Driver Supply (V)	Floating Gate Voltage (V)	LDO (V)	ART Accelerator
LKS32AT037PXL5M6Q9	48	32	4	QFN24L	17	-	2.5~5.5	1	1	6 /3	12BITx1	10	8BITx1	2	2	1	1	1	-	3	-	Yes	Yes	-	-	-	-	-	-	-	5	-
LKS32AT039PXL5G6Q9B	48	32	4	QFN42L	16	-	2.5~5.5	1	1	6 /3	12BITx1	9	8BITx1	2	2	1	1	1	-	3	-	Yes	Yes	-	-	-40~125	8	Yes	-	-	5	Yes
LKS32AT039PXL5G6Q9BM	48	32	4	QFN42L	16	-	2.5~5.5	1	1	6 /3	12BITx1	9	8BITx1	2	2	1	1	1	-	3	-	Yes	Yes	-	-	-40~125	8	Yes	-	-	5	Yes
LKS32AT039PXL5G6Q9C	48	32	4	QFN32L	20	Yes	2.5~5.5	1	1	6 /3	12BITx1	9	8BITx1	2	2	1	1	1		3	-	Yes	Yes	-	-	-40~105	8	-	-	-	5	Yes
LKS32AT032F2XLK6Q8C	48	32	4	QFN32L	25	-	2.5~5.5	1	1	6/3	12BITx1	8	8BITx1	2	2	1	1	1		3	-	Yes	Yes	-	-	-40~105	3	-	-0.3~24	-	5	Yes
LKS32AT075CBQ9	96	128	12	LQFN48	46	Yes	2.5~5.5	2	2	12 /6	12BITx2	13	12BITx2	4	3	1	1	2	Yes	3	Yes	Yes	Yes	-	-	-40~125	11	-	-	-	-	Yes
LKS32AT077PXL5MBQ9	96	128	4	LQFP48	7	Yes	2.5~5.5	2	2	12 /6	12BITx2	2	12BITx1	2	2	1	1	1	-	3	Yes	Yes	Yes	-	-	-40~125	8	-	-	-	-	Yes
LKS32AT082F2K8Q9	96	64	8	QFN32	29	Yes	3.0~5.5	2	2	8 /4	12BITx1	9	12BITx1	3	2	1	1	2	-	3	-	Yes	Yes	-	-	-40~105	6	-	-	-	-	Yes
LKS32AT085C8Q9	96	64	8	QFN48	44	Yes	3.0~5.5	2	2	8 /4	12BITx1	12	12BITx1	4	2	1	1	2	Yes	3	Yes	Yes	Yes	-	-	-40~125	9	-	-	-	-	Yes
LKS32AT086N8Q9	96	64	8	QFN52	36	Yes	3.0~5.5	2	2	8 /4	12BITx1	11	12BITx1	4	2	1	1	2	Yes	3	-	Yes	Yes	6N	+1.2/-1.5	-40~125	9	-	4.5~20	200	-	Yes
LKS32AT089XLN8Q9	96	64	8	QFN52L	32	Yes	3.0~5.5	2	2	8 /4	12BITx1	12	12BITx1	4	2	1	1	2	Yes	3	-	Yes	Yes	6N	+1.2/-1.5	-40~125	9	Yes	4.5~20	200	5	Yes
LKS32AT453RCT8	192	256	40	LQFP64	61	Yes	3.0~3.6	3	2	16/8	14BITx3	18	12BITx1	6	6	2	2	3	FD	6	4	Yes	Yes	-	-	-10~125	-	-	-	-	-	Yes
LKS32AT455FXLRCQ9	192	256	40	QFN64	46	Yes	3.0~3.6	3	2	16 /8	14BITx3	19	12BITx2	6	6	2	2	3	FD	6	4	Yes	Yes	-	-	-40~105	19	-	-	-	5	Yes

Gatedriver

P/N	Package	IO+ (A)	IO- (A)	Floating Voltage (V)	Control Logic	UVLO (V)	Turnon Delay (ns)	Turn-off Delay (ns)	Dead Time (ns)	Operating Temp(°C)	Power Supply (V)	Input Level (V)
LKS513	ESOP16	0.05	0.3	40	3P3N	6	80	30	100	-40~105	6~40	3.3/5/15
LKS520	SOP8	0.45	1	600(max)	HIN & LIN*	7.6	270	180	100	-40~105	10~20	3.3/5/15
LKS563*	TSSOP20/QFN24	1.2	1.5	300(max)	HIN & LIN	4.9	600	270	200	-40~150	10~25	3.3/5/15
LKS523	SOP8	0.8	1.2	600(max)	HIN & LIN	7.6	250	160	100	-40~150	10~20	3.3/5/15
LKS570	SOP8	1.2	1.5	200(max)	HIN&LIN*	7	100	100	250	-40~150	10~20	3.3/5/15
LKS571	SOP8	1.2	1.5	200(max)	HIN&LIN	7	100	100	250	-40~150	10~20	3.3/5/15
BP6901A	SOP8	0.21	0.32	600V(max)	HIN & LIN	8.0	250	150	100	-40~105	10~20	3.3/5/15
BP6903A	SOP8	0.21	0.32	600V(max)	HIN & LIN*	8.0	250	150	100	-40~105	10~20	3.3/5/15
BP6904A	SOP8	0.21	0.3	600V(max)	IN & SDb	8.0	250	150	100	-40~105	10~20	3.3/5/15
BP6911	SOP8	0.45	1	600V(max)	HIN & LIN	7.6	270	160	100	-40~105	10~20	3.3/5/15
BP6914	SOP8	0.45	1	600V(max)	IN & EN	7.6	270	160	100	-40~105	10~20	3.3/5/15

IPM

P/N	Package	Integrated Bootstrap Diode	Temp. Sampling Function	Breakdown voltage of MOSFET	RDSon-TYP	OTP Function	DESAT Function	BUS Voltage Detection	FO/SD Function
LKS1D5007DT	ESOP13	Yes	Yes	500	1.1	NO	NO	NO	NO
LKS1D5005DT	ESOP13	Yes	Yes	500	1.4	NO	NO	NO	NO
LKS1D5005D	ESOP13	Yes	NO	500	1.4	NO	NO	NO	NO
LKS1D5005C	ESOP13	Yes	NO	500	1.5	NO	NO	NO	NO
LKS1D5004D	ESOP13	Yes	NO	500	2.4	NO	NO	NO	NO
LKS1D5003D	ESOP13	Yes	NO	500	3.3	NO	NO	NO	NO
LKS1D3007D	ESOP13	Yes	NO	300	0.75	NO	NO	NO	NO
LKS1M25003L	EHSOP12	Self-powered	Yes	500	3.8	Yes	Yes	Yes	Yes
LKS1M25003U	EHSOP12	Self-powered	Yes	500	3	Yes	Yes	Yes	Yes
LKS1M25004U	EHSOP12	Self-powered	Yes	500	2.4	Yes	Yes	Yes	Yes
LKS1M25005	EHSOP12	Self-powered	Yes	500	1.95	Yes	Yes	Yes	Yes
LKS1M25007	EHSOP12	Self-powered	Yes	500	1.2	Yes	Yes	Yes	Yes
LKS1M23006	EHSOP12	Self-powered	Yes	300	1.2	Yes	Yes	Yes	Yes
LKS1M23007	EHSOP12	Self-powered	Yes	300	0.75	Yes	Yes	Yes	Yes

Power Device

Device	Package	MOSFET(V)	RDSonTYP(m Ω)
LKS0405CG	SOP8	40/-40	22/58
LKSI65015A	TO263	650	Vce(sat)=1.79V

Power

P/N	Package	Type	Vin (V)	Vout (V)	Iout (mA)	Quiescent Current (uA)	Output Current Limiting (mA)	Operating Temp (°C)	Refer-ence Accuracy
LKS610	SOP8	DC/DC	DC20~200	15	300	15	650	-40~140	2%
LKS611	SOP7	DC/DC	DC15~150	12	300	15	650	-40~140	2%
LKS620	SOP8	AC/DC	DC20~AC265	15	350	30	750	-40~150	± 5%
LKS660	SOT33-5A	AC/DC	AC85~265	12	350	20	650	-40~140	2%
LKS621	SOP8	DC/DC	DC20~200	15	240	30	800	-40~140	± 5%
LKS66324	TSOT23-6	DC/DC	DC4.5~30	输出可调	2000	140	COT	-40~125	± 2%
LKS66334	TSOT23-6	DC/DC	DC4.5~30	输出可调	3000	140	COT	-40~125	± 2%
LKS724	SOT23-6	DC/DC	DC5.5~100	输出可调	300	50	1800	-40~150	± 2%

BPS

晶丰明源

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