

Product Line	P/N	Type	Op. Voltage(V)	Frequency	Reference Voltage(V)	Current	Channel	Sync/ Non-Sync	Package	MPQ	Note
DC-DC PWM	Maximum Operating Input Voltage ≤ 6V										
	6163	Buck	2.5~5.5	1.5MHz	0.6	3.3A	1-ch	Sync	DFN-10L	2500	UVLO, internal SS, OCP, OTP, SCP
	5005 New	Buck	2.5~5.5	1.5MHz	0.6	1.2A	1-ch	Sync	SOT23-5	3000	UVLO, internal SS, OCP, OTP,
	5003 New	Buck	2.5~5.5	1.5MHz	0.6	2A	1-ch	Sync	SOT23-5	3000	UVLO, internal SS, OCP, OTP,
	3701	Buck	2.5~5.5	1.5MHz	0.6	1.2A	1-ch	Sync	SOT-23-5L	3000	100% Duty Cycle in Dropout Operation, PSM
	3702 New	Buck	2.5~5.5	1.5MHz	0.6	2A	1-ch	Sync	SOT-23-5L	3000	100% Duty Cycle, PWM / PFM
	3703	Buck	2.5~6	1.5MHz	0.6	3A	1-ch	Sync	TDFN-10L	3000	COT, 100% duty, Low Iq 15uA
	3703B	Buck	2.5~6	1.5MHz	0.6	2.5A	1-ch	Sync	SOT-23-6L	3000	COT, 100% duty, Low Iq 15uA
	3704	Buck	2.5~6	1.5MHz	0.6	4A	1-ch	Sync	DFN-10L	5000	COT, 100% duty, Output Discharge, SCP
	3705 New	Buck	2.5~5.5	1.5MHz	0.6	5A	1-ch	Sync	DFN-10L	5000	100% Duty, PG, OTP, EN=1.21V
	3708 New	Buck	2.7~6.5	1.2MHz	0.6	8A	1-ch	Sync	WQFN4X4_20L	5000	100% Duty Cycle, PWM / PFM, PG, EN=1.2V, Soft Start
	3428	Buck	2.5~5.5	1.5MHz	0.6	1A	1-ch	Sync	TSOT-23-5L	3000	100% Duty Cycle in Dropout Operation
	61100	Buck	2.3~5.5	2.2Mhz	0.6	1A	1-ch	Sync	SOT563	3000	COT, UVLO, OVP, Low IQ
	61300	Buck	2.4~5.5	2.2Mhz	0.6	3A	1-ch	Sync	SOT563	3000	COT, UVLO, OVP, Low IQ
	6396	Buck	2.5~6	1.5MHz	0.6	1.2A	1-ch	Sync	SOT-23-5/SOT-23-6	3000	OVP,OVP,short circuit protection
	6397	Buck	2.5~6	1MHz	0.6	2A	1-ch	Sync	SOT-23-5/SOT-23-6	3000	OVP,OVP,OTP Short Circuit Protection
	6373A	Buck	2.7~6	1MHz	0.6	3A	1-ch	Sync	SOT-23-6	3000	SCP, OCP, Soft Start , UVLO, PG
	3445 New	Buck	2.7~5.5	1MHz	0.6	2A	1-ch	Sync	SOT-23-6	3000	100% duty, PG
	3772 New	Dual Buck	2.5~6	1.5MHz	0.6	2.5A	2-ch	Sync	TSOT23_8L	3000	UVLO, internal SS, OCP, OTP,
	3515 New	Dual Buck	2.7~5.5	1.4MHz	0.6	1A	2-ch	Sync	TDFN-10 (3mm*3mm)	3000	UVLO, internal SS, OCP, OTP,
	2319	Dual Buck	2.7~5.5	3Mhz/2.5Mhz	0.6	1A/2A	2-ch	Sync	DFN3030-12	3000	Low IQ, Vfb 0.5%
	72200	Buck-Boost	2.3~5.5	2.5Mhz	-	3A	1-ch	Sync	WLCSP-20	3000	I2C Programmable (20mV step)
	6392	Buck	2.7~6	1MHz	0.6	3.5A	1-ch	Sync	TDFN-10 (3mm*3mm)	3000	Low R DS(ON) for Internal Switch
	5728	Buck	2.5~6	1MHz	0.6	1A	1-ch	Sync	TSOT-23-5	3000	100% duty
	2257	Buck	2.7~5.5	1.5MHz	0.6	3Ax4	4+1-ch LDO	Sync	QFN4x4-24L	3000	UVLO, internal SS, OCP, OTP, SCP, UVP, 1-ch LDO
	6291	Boost	2.5~5.5	1MHz	0.6	2.5A	1-ch	Non-Sync	SOT-23-6	2500	Built-in MOS, Adjustable Output to 12V, OVP
	6293	Boost	2.6~5.5	1MHz	0.6	3.5A	1-ch	Non-Sync	DFN-8L(EP)	2500	Adj OCP, Adjustable Output form VIN to 12V
	6296	Boost	2.7~12	400KHz	0.6	10A	1-ch	Non-Sync	SOP-8L(EP)	2500	Adj OCP 2A~10A, Adjustable Output form VIN to 13V
	5139	Boost	1.8~12	500KHz	0.5	-	1-ch	Non-Sync	SOP8 / TSSOP8 / MSOP8	3000	external MOS, UVLO, SS, SCP
	5209	Boost	2.4~5.5	550KHz	0.6	-	1-ch	Non-Sync	SOT-23-5L	3000	external MOS, UVLO, internal SS
	6722	Boost	0.7~5.5	1MHz	0.5	0.5A	1-ch	Sync	SOT-23-6	3000	Synchronous Rectification: 94% Efficiency .
	5511	Boost	2.6~5.5	1.2MHz	1.24	1.9A	1-ch	Non-Sync	TSOT23-5	3000	Vout up to 27V, OCP, OTP
	5070 New	Boost	0.9~4.75	800Khz	0.50	0.45A	1-ch	Sync	SOT-23-6	3000	High Efficiency, Low Iq 12uA
DC-DC PWM Voltage < 32V	Maximum Operating Input Voltage ≤ 32V										
	62200	Buck	4.2~18	750Khz	0.8	2A	1-ch	Sync	TSOT26/SOT563	3000	COT,FSS to reduce EMI, Low Iq
	62250	Buck	4.2~18	1.3MHz	0.8	2.5A	1-ch	Sync	TSOT26/SOT563	3000	COT,FSS to reduce EMI, Low Iq
	62300	Buck	4.2~18	750Khz	0.8	3A	1-ch	Sync	TSOT26/SOT563	3000	COT,FSS to reduce EMI, Low Iq
	62600	Buck	4.5~18	400K/800K/1,2M	0.6	6A	1-ch	Sync	VQFN2030-12	3000	PG, FSEL, Mode, Soft-start
	62800	Buck	4.5~17	400K/800K/1,2M	0.6	8A	1-ch	Sync	VQFN2030-12	3000	PWM / PFM / USM Mode, PG, Soft-Start, UVLO, OCP, TSD
	9209	Buck	4.5~16	600K/800K/1M	0.6	12A	1-ch	Sync	TQFN-21	3000	
	3901	Buck	4.5~18	500KHz	0.6	2.5A	1-ch	Sync	DFN-6 2x2	3000	OTP,OCP,UVLO High Efficiency up to 95%
	3901H	Buck	4.5~18	1.0MHz	0.6	2A	1-ch	Sync	DFN-6 2x2	3000	OTP,OCP,UVLO High Efficiency up to 95%
	3903	Buck	4.7~18	500KHz	0.8	3A	1-ch	Sync	SOT-23-6L	3000	UVLO, internal SS, OCP, OTP, SCP, PSM
	8205A	Buck	4.5~18	1MHz	0.8	3A	1-ch	Sync	SOT-23-6	3000	OCP, UVLO, OTP, OVP, Internal Compensation
	5217 New	Buck	4.5~16	500KHz	0.6	3A	1-ch	Sync	TSOT-23-6	3000	ECOT Mode
	9206F	Buck	4.5~18	1.2MHz	0.768	3A	1-ch	Sync	TSOT-23-6	3000	FCOT Mode Enables Fast Transient Response
	9811	Buck	4.5~21	850KHz	0.6	2A	1-ch	Sync	SOT-23-6	3000	FCOT,Soft-Start, OTP
	6188	Buck	4.75~23	340KHz	0.923	2A	1-ch	Sync	SOP8-EP	2500	Built-in MOS, Internal SS, OCP, OTP, UVLO
	3484	Buck	4.75~23	350KHz	0.925	3A	1-ch	Sync	SOP-8L (EP)	2500	UVLO, SS, OCP, OTP, SCP
	9863F	Buck	4.5~28	500KHz	0.765	3A	1-ch	Sync	TSOT-23-6L	3000	Soft Start , UVLO, OCP, SCP, OTP
	9608	Buck	4.75~28	380KHz	0.925	3A	1-ch	Sync	SOP-8L(EP)	2500	SS, OCP, UVLO, OTP, Internal Compensation
	9856B	Buck	4.5~18	650KHz	0.765	6A	1-ch	Sync	SOP-8(EP)	2500	FCOT Mode Enables Fast Transient Response
	9203	Buck	4.5~28	1.0MHz	0.8	1.2A	1-ch	Sync	SOT-23-6	3000	Soft Start,Input Under Voltage Lockout,OCP,SCP,OTP
	5335	Buck	4.5~28	550KHz	0.8	10A	1-ch	Sync	QFN4X4-23	3000	UVLO, SS, OVP, UVP, OCP, OTP, Adjustable fsw,

Product Line	P/N	Type	Op. Voltage(V)	Frequency	Reference Voltage(V)	Current	Channel	Sync/ Non-Sync	Package	MPQ	Note
DC-DC PWM Voltage < 32V	Maximum Operating Input Voltage ≤ 32V										
	5312	Buck	4.5~28	550KHz	0.75	8A	1-ch	Sync	QFN4X4-28	3000	UVLO, internal SS, OVP, UVP, OCP, OTP, Adjustable fsw, Vcc=4.5~5.5V
	5415	Buck	4.5~28	550KHz	0.8	-	1-ch	Non-Sync	TQFN3X3-16	3000	UVLO, internal SS, UVP, OCP, OTP, Adjustable fsw, V5V=5V, external mos
	6298	Boost	2.6~12	500KHz	0.6	4.5A	1-ch	Non-Sync	SOP-8L(EP)	2500	Soft Start, Current Limit, OTP, OVP
	5523	Boost	2.6~12	1.2MHz	0.6	2A	1-ch	Non-Sync	SOT23-6L	3000	Vout max 28V, automatic FOSC up to 97% Efficiency
	5207	Boost	5~24	100kHz to 1MHz	1.2	-	1-ch	Non-Sync	SOP-8L(EP)	2500	external MOS, UVLO, internal SS, OCP, OTP, adjustable fosc
	5217	Boost	2.8~26	200kHz to 1MHz	1.2	8A	1-ch	Non-Sync	TSSOP-14L(EP)	2500	UVLO, SS, OCP, OTP, adjustable fosc
	6730	Boost	3~24	1MHz	0.6	2.5A	1-ch	Non-Sync	SOT-23-5	3000	Soft Start, OCP, PSM Mode
	3601	Buck-Boost	4~28	500KHz	1.0	5A	1-ch	Sync	TQFN5*5-28L	3000	integrated 4-switch
DC-DC PWM Voltage > 32V	Maximum Operating Input Voltage ≥ 32V										
	63200	Buck	3.8~32	500KHz	0.8	2A	1-ch	Sync	TSOT26	3000	COT, FSS to reduce EMI, Low Iq
	63203	Buck	3.8~32	1.1MHz	0.8	2A	1-ch	Sync	TSOT26	3000	COT, FSS to reduce EMI, Low Iq
	63300	Buck	3.8~32	500KHz	0.8	3A	1-ch	Sync	TSOT26	3000	COT, FSS to reduce EMI, Low Iq
	6153	Buck	4.5~36	200kHz to 1.5MHz	0.808	3A	1-ch	Sync	SOP-8(EP)	3000	Freq Adj, Wide Vi range Internal SS, OCP, OTP
	6151	Buck	4.5~36	200kHz to 1.5MHz	0.808	5A	1-ch	Non-Sync	SOP-8(EP)	3000	Freq Adj, Wide Vi range Internal SS, OCP, OTP
	6575	Buck-Boost	4.5~40	260KHz	0.808	-	1-ch	Sync	QFN4x4-24L	3000	Wide Input Range, Adjustable fsw, full bridge
	6572	Buck	4.5~40	200kHz to 300kHz	0.808	-	1-ch	Sync	TSSOP14-EP	2500	Wide Input Range, Adjustable fsw, SS, UVLO, OCP, OTP, OVP
	64060 New	Buck	4.5~40	2.2MHz	0.8	600mA	1-ch	Sync	TSOT26	3000	PWM / PFM Mode, UVLO, OVP, OCP, TSD
	6402	Buck	4.8~40	350KHz	0.935	3A	1-ch	Sync	SOP8-EP	2500	Wide Input Range, SS, UVLO, OCP, OTP, OVP
	Q9402	Buck	4~36	180KHz	0.8	5A	1-ch	Sync	SOP8-EP	2500	AEC-Q100 Automotive Qualified
	3985	Buck	4~36	500KHz	0.8	4A	1-ch	Sync	SOP8-EP	2500	100% duty cycle, Fast PWM(COT) Ultrasonic & PFM mode mode
	5609	Buck	8~36	160KHz	1	3.5A	1-ch	Sync	SOP8-EP	2500	Vi OVLO 36V
	64352/Q	Buck	3.8~40	100kHz to 2.2MHz	0.8	3.5A	1-ch	Sync	SOP8-EP	4000	AEC-Q100, (LDO) Mode, FSS Low IQ 22uA, UVLO, OVP,
	64500	Buck	3.8V~40	2.2MHz	0.8	5A	1-ch	Sync	SOP-8(EP)	4000	25uA Low Quiescent , FSS UVLO, OVP , Current Limit
	64500Q	Buck	3.8V~40	2.2MHz	0.8	5A	1-ch	Sync	SOP-8(EP)	4000	Automotive-compliant,
	3162A	Buck	10V~58	250KHz	1	2A	1-ch	Non-Sync	SOP-8(EP)	2500	Current Limit, Short Circuit Protect (SCP) and Thermal Shutdown protection
	66300	Buck	3.8V~60	300kHz to 2.5MHz	0.8	3A	1-ch	Sync	U-QFN4040-16	3000	OCP, OTP, UVLO PWM/PFM Mode,
	8890Q New	Buck	3.8V~60	300KHz ~ 2.5MHz	0.8	3.5A	1-ch	Sync	U-QFN4040-16	3000	AEC-Q100, CC/CV Mode, OCP, OTP, UVLO PWM/PFM Mode,
	88902Q New	Buck	3.8V~60	300KHz ~ 2.5MHz	0.8	2.5A	1-ch	Sync	U-QFN4040-16	3000	AEC-Q100, CC/CV Mode, OCP, OTP, UVLO PWM/PFM Mode,

Product Line	P/N	Type	Op. Voltage(V)	BC1.2	Apple Divider Mode	Samsung device	QC2.0	QC3.0	FCP	Type C	Package	MPQ	Note
USB Dedicated Charging Port Controller	9291Q	QC3.0 Class A	3.2~6.4	Yes	Yes	Yes	Yes	Yes	Yes	-	SOT23-6	3000	6 in 1 Automatic selection of D+/D- mode for an attached device
	6601Q	QC3.0 Class A	3.2~6.4	Yes	Yes	Yes	Yes	Yes	Yes	-	SOT23-6	3000	6 in 1 Automatic selection of D+/D- mode for an attached device

Product Line	P/N	Operation Voltage(V)	Supply Current	Idle current	USB-IF Certified TID	Package	MPQ	Note
USB Power Delivery (USB PD)	CY2332	3.3~21	3.3mA	550uA	TID = 78	W-DFN3030-14 W-QFN4040-24	3000	PD3.0/QC4+/+ PPS 3.3~20V in 20mV/step
	CY2332H New	3.3~31	3.3mA	550uA	TID = 9275	PD3.1/QC4/QC4+/QC5 AVS 15~28V in 100mV/step	3000	2-Ch, AEC-Q100 QC2.0/3.0/4+/5 PD3.1 & PPS VOUT (3.3V to 21V)
	CY2336Q New	3~5.5	3mA	1200uA	TID = 6206	W-QFN4040-20	3000	USB PD 3.0 sink controller Voltage selections by 3-pin setting OVP, OCP, OTP
	CY2569	3.3~24	6mA		TID = 5000	W-QFN4040-24	3000	USB PD 3.0 sink controller PD Sink Voltage with I2C bus OVP, OCP, OTP
	CY2570	3.3~24	6mA		TID = 6071	W-QFN4040-24	3000	USB PD 3.1 sink controller EPR/AVS up to 28V and SPR/PPS up to 21V, OVP, OCP, OTP, UVP Voltage/Current resistors settings
	CY33771 New	3~31	6mA		TID = 9960	W-DFN3030-14	3000	USB PD 3.1 sink I2C controller EPR/AVS up to 28V and SPR/PPS up to 21V, OVP, OCP, OTP, UVP
	CY33772 New	3~31	6mA		TID = 10062	W-QFN4040-20	3000	USB PD 3.1 sink I2C controller EPR/AVS up to 28V and SPR/PPS up to 21V, OVP, OCP, OTP, UVP
	CY43781 New	3.3~24	3.3mA	550uA		W-QFN4040-24	3000	ALT Mode-1CH
	CY43785 New	3.3~22	4mA	700uA		W-QFN5050-28	3000	ALT Mode-2CH
	CY53781 New	3.3~36	2.5mA	550uA	TID: 11689	W-QFN3030-16	3000	USB PD3.1 DRP controller OVP/UVPI/OCP EPR voltage up to 36V
	CY53782 New	3.3~36				W-QFN4040-24	3000	USB PD3.1 DRP I2C controller OVP/UVPI/OCP EPR voltage up to 36V
	CY2518-D2/D3	2.8~5.5	Less 3mA	200uA	11050014 & 11040064	WDFN-8 2x3mm / 2x2mm	4000/3000	PD 3.0, E-Marker controller

Product Line	P/N	Operation Voltage(V)	Cortex	Power Consumption	USB-IF Certified TID	Package	MPQ	Note
MCU	HT32F50231	2.5~5.5	M0+	Run Mode = 6.5mA Sleep Mode = 0.65mA Deep-Sleep1/2 = 6.5uA		QFN33		64 KB Flash and 8 KB SRAM 1 MSPS ADC, DIV, USART, UART, SPI, I2C, MCTM, GPTM, BFTM, PWM, CRC, RTC and WDT

Product Line	P/N	Type	Op. Voltage(V)	Freq.(Max)	Reference Voltage(V)	Current	Channel	Package		MPQ	Note
AC/DC LED driver	3801	Buck	10~500	25KHz to 100KHz	-	1000mA	1-ch	SOP-8 / DIP-8		2500	Constant Current for LED light
	5890	Linear	7~400			10~60mA	1-ch	TO-252	SOT-89	2500	low cost
	1665	Flyback Buckboost	8.5V~21.8	150KHz	3V	-	1-ch	SO-8		4000	PF>0.9,UVLO, OVP, OSP, OCP, SCP, Secondary diode short protection, Shorted Current Sense protection, Programmable NTC thermal foldback, TFP, OTP
	1666	Flyback Buckboost	8.5V~25	150KHz	3V		1-ch	SO-8		4000	PF>0.9,UVLO, OVP, OSP, OCP, SCP, Secondary diode short protection, Shorted Current Sense protection, Programmable NTC thermal foldback, TFP, OTP

Product Line	P/N	Type	Op. Voltage(V)	Freq.(Max)	Reference Voltage(V)	Current	Channel	Package		MPQ	Note
AC/DC power supply	IN2PY16	PSR Power Switch	10.5~26	-	2	-	1-ch	SOP-7		2500	UVLO, Internal SS, VDD OVP, OTP
	IN2PY17	PSR Power Switch	10.5~26	-	2	-	1-ch	SOP-8		2500	UVLO, Internal SS, VDD OVP, OTP

Product Line	P/N	VIN-min (V)	VIN-max (V)	Swing	Reference Voltage(V)	Vsense (mV)	Channel	Package		MPQ	Note
Current Protection	130/A	2.7	30	Rail-to-Rail	-	100	-	SOT-25		2500	Current Shunt
	131	2.7	28	Rail-to-Rail	1.25	100	-	SOP-8		2500	Current Shunt and Photo-Driver Comparator
	132	2.7	28	Rail-to-Rail	2.5	100	-	SOP-8		2500	Current Shunt
	133	2.7	28	Rail-to-Rail	2.5	100	-	SOP-8		2500	Current Shunt and Voltage Shunt Regulator

Product Line	P/N	VIN-min (V)	VIN-max (V)	Swing	Reference Voltage(V)	Vsense (mV)	Channel	Package		MPQ	Note
Op. Amplifier	701	3	30	Rail-to-Rail	1.25	20mA	1-ch	SOT-23-5		2500	Ref. V on Non-Inverting Input
	702	2.7	28	Rail-to-Rail	1.25	20mA	1-ch	SOT-23-5		2500	Ref. V on Inverting Input
	703	3	30	Rail-to-Rail	1.25	20mA	1-ch	SOT-23-5		2500	Low input offset voltage: 1mV
	115	3	20	Rail-to-Rail	1.25	10mA	2-ch	SOT-23-5		2500	Dual OP and Voltage Ref.
	103	2.5	32	Rail-to-Rail	2.5	100mA	2-ch	SOP-8		2500	Dual OP and Voltage Ref.

Product Line	P/N	Type	Op. Voltage(V)	Key Features	Threshold Voltage(V)	Delay Time(mS)	Package		MPQ	Output Type
Reset IC	660/1/2		1.1~5.5	660/1 with MR#, 660/1/2 with a watchdog output	2.25/2.63/2.93/4.55	-	SOT23-5		3000	Open Drain / Push Pull Active Low/high
	6901/6902	-	1.0~5.5	3 Pin Microprocessor Reset Circuits	2.32, 2.63, 2.93, 3.08, 4.0, 4.38, 4.63	140~560	SOT23-3/SC70		3000	Push Pull Active Low / Push Pull Active High
	803S	-	1.0V~5.5	10µA Supply Current (Typ.) Active Low	2.25 , 2.63 , 2.93 3.08 , 4.00 , 4.38, 4.63	1.7 , 50, 240	SOT23 (SA/SR)		3000	Open-drain RESET Active Low
	6805AS9 New		1.5V~6	1.5µA Supply Current (Typ.) With Manual Reset	Adjustable	Adjustable	TSOT-23-6		3000	Push-Pull RESET Active Low
	809	-	1.0V~5.5	10µA Supply Current (Typ.) Active Low	2.25 , 2.63 , 2.93 3.08 , 4.00 , 4.38, 4.63	1.7 , 50, 240	SOT23 (SA/SR)		3000	Push-Pull RESET Active Low
	811 812		1.0V~5.5	With Manual Reset	2.25 , 2.63 , 2.93 3.08 , 4.00 , 4.38, 4.63	140~280	SOT143		3000	Active-Low Active-High
	810	-	1.0V~5.5	10µA Supply Current (Typ.) Active High	2.25 , 2.63 , 2.93 3.08 , 4.00 , 4.38, 4.63	1.7 , 50, 240	SOT23 (SA/SR)		3000	Push-Pull RESET Active High

Product Line	P/N	Operation Mode	Op. Voltage(V)	Output Voltage(V)	Voltage Accuracy (%)	Output Current	VSEN	Temp Sense	Package		MPQ	Note
Charger	4081	CC/CV	4.25~6.5	4.2	1.0	800mA	-	-	SOT-23-5		3000	
	8101	CC/CV	4.35~5.5	4.2	1.0	0.5A	Yes	-	SOT23-5/SOT23-6		2500	Linear charger 1-cell Li-Ion Batteries
	8102	CC/CV	4.25~5.5	4.2	1.0	1A	Yes	Yes	SOP8(EP)		2500	Linear charger 1-cell Li-Ion Batteries
	8207	CC/CV	4.6~16	Adj.	1.0	3A	Yes	Yes	TSSSOP-14L(EP)		2500	Switching Charger 1-3 Cell Li-Ion
	8208A	CC/CV	4.8V~5.5	4.2	1.0	3.5A	Yes	Yes	SOP8L		2500	Switching Charger

Product Line	P/N	Vin (V)	Vout (V)	Charge Current	STB Current	OVP	OTP	Pre-charge	LED display	OCP	Package	MPQ	Note
Power Bank SOC	2566	4.5~5.5	4.75~5.25	3A	<70uA	Yes	Yes	Yes	Yes	Yes	QFN-36	3000	MCU embedded
	6807	4.35~5.5	4.998~5.202	1A in, 1.5A output	<120uA	Yes	Yes	Yes	Yes	Yes	SOP-8	2500	SoC, support Power Path

Product Line	P/N	Type	Op. Voltage(V)	Frequency	Reference Voltage(V)	Current	Channel			Sync/ Non-Sync	Package	MPQ	Note
PMU	2225	Buck	2.8~5	1.5MHz/3Mhz	0.8	3.5A/2A/2.5A/2A	4ch DC/DC	1ch LDO	1ch power switch	Sync	TQFN4x4-28	2500	Sleep mode for lot battery system
	2257	Buck	2.7~5.5	1.5MHz	0.6	3Ax4	4ch DC/DC	1ch LDO	Sync		QFN4x4-24L	3000	UVLO, internal SS, OCP, OTP, SCP, UVP, 1-ch LDO

Product Line	P/N	VDD	Conversion Voltage	Output Current (mA)	Standby Current (µA)	Output Impedance	Channel	Package		MPQ	Note
Charge Pump	7660	3V~12V	V _{DD} ~ -V _{DD}	20	80	60Ω	1-ch	DIP-8 / SOP-8		1000	Allows connection in cascade, 99.9% Efficiency
	3602	3.0V ~ 5V		250	-	-	1-ch	SOT-23-6		1000	Low Quiescent Current , OTP High Frequency , SCP

Product Line	P/N	Operation Voltage(V)	Supply Current (μA)	Current Limit	Channel	Package	MPQ	Note
USB Power Switch	6861C	2.7V~5.5	65	1A ~ 2.95A FIX	1-ch	MSOP-8 / SOP-8 / SOT-23-5	3000	Active Low / Active High
	6861G	2.7V~5.5	35	2.6A ~ 3.76A FIX	1-ch	MSOP-8 / SOT-23-5	3000	Active Low / Active High
	6861J	2.7V~6	80	0.12A~3.76A SET	1-ch	SOT-23-5/TDFN-6	3000	Active Low / Active High Adjustable Current Limit
	22652 / 53	3V~5.5	120	0.125A~2.66A SET	1-ch	TSOT-23-6/DFN2020-6	3000	Les 10 % Accurate Adjustable
	8710~13	2.5V~5.5	35	0.5A/1A/1.5A/2A/Fix	1-ch	SOT23-5L	3000	Active Low
	8720~23	2.5V~5.5	35	0.5A/1A/1.5A/2A/Fix	1-ch	SOT23-5L	3000	Active High
	22916 New	1.3V~5.5	0.5	2A	1-ch	WLB0808-4	3000	Active High
	8760	0.8V~5.7	50	6A	1-ch	TDFN-8L (2*2)	3000	Load Switch Quick Output Discharge
	8723U8A	2.5V~5.5	35	2A	1-ch	SOT-23-5L	3000	Power Switch Open Drain Fault Flag Output

Product Line	P/N	Type	Op. Voltage(V)	Frequency	Reference Voltage(V)	Current	Channel	Dimming Control	Package	MPQ	Note
LED Driver	8332FI	Boost/Buck/Buck-Boost/SEPIC	5~60	80kHz to 1MHz (Default 430kHz)	0.100	3A	1-ch	DC/PWM	TSSOP16	3000	External MOS ; Frequency Dithering
	8333FI	Boost/Buck/Buck-Boost/SEPIC	5~60	80kHz to 1MHz (Default 430kHz)	0.100	3A	1-ch	DC/PWM	TSSOP16	3000	External MOS ; Frequency Dithering, AEQ100
	8302A	Buck	6V~60	1.0MHz	0.100	1A	1-ch	PWM	SOP-8/SOT-89-5	2500/1000	Wide Input Range Built-in MOS LED Driver IC
	3069 New	Buck	4.5V~60	0.1MHz to 1MHz	-	0.02A - 0.4A	4-ch	PWM	SO-16	2500	OC, OVP, OTP, UVLO, VOUT Short/Schottky Diode Open Protection
	8807	Buck	6V~36	1MHz	-	1.3A	1-ch	PWM	SOT25, MSOP-8EP	3000/2500	LED Driver IC
	2861	Buck	6V~40	233KHz	-	1A	1-ch	PWM	TSOT25 and SOT89-5	3000/1000	LED Driver IC
	8861	Buck	4.5~40	1.0MHz	-	1.5A	1-ch	PWM	TSOT25/SOT89-5/MSOP-8EP	3000/2500/2500	Internal SS, High efficiency (97%), Open and short LED protection, OCP, OTP, Rs short protection
	8843	Buck	4.5~40	1.0MHz	-	3A	1-ch	PWM	SO-8EP	2500	Internal SS, High efficiency (97%), Open and short LED protection, OTP
	8863	Buck	4.5~60	50kHz to 1MHz		5A	1-ch	PWM	SO-8EP	2500	Internal SS,OTP, Controller 1000:1 PWM DIM Resolution at 100Hz,Fault Indicator (FAULT) LED Current MAX 5A
	5815	Linear	4.5~60		0.2		1-ch	Linear	SOT25	3000	LED controllers, OTP, UVLO,
	1783	Linear	6.5~60	-	1.5	0.125A	3-ch	PWM	TSSOP-16EP	2500	Three-Channel Linear LED Driver Fault Reporting: UVLO, OTP, LED Open, and LED Short
	5810 New	Linear	2~60		0.5	0.2A	1-ch	PWM	W-DFN2020-3/SWP	3000	OTP, Adj LED Current, PWM Dimming
	5809	Linear	2.5~60	-	-	0.015A~0.15A	1-ch	Linear	PowerDI123	3000	OTP, Constant Current with Low Temperature Drift and High Power Supply Rejection Ratio
	7102	Buck	3.6~28	320KHz	0.25	2A	1-ch	PWM	SOP8	2500	LED Driver IC
	7103	Buck	3.6~28	320KHz	0.3	3A	1-ch	PWM	SOP8	2500	LED Driver IC
	3031	Boost	2.7~6	1MHz	-	1.4A	1-ch	PWM	SOT-23-6, TSOT23-6 and SOIC-8	3000	LED Driver IC
	7209	Boost	5~24	1MHz	-	Controller	1-ch	PWM	TSSOP-14L(EP)	2500	LED Driver IC
	3065A	Boost	4.5~33	adjusted 0.1MHz to 1MHz	-	400mA	4-ch	PWM	SO-16		LED Driver IC
	9708A	Buck/Boost	2.8~24	1.2MHz	-	1.5A	1-ch	PWM	SOT-23-6	3000	OTP,OVP,Current Limit
	2012CTA	Boost	3~27	1.2MHz	0.3	1.9A	1-ch	PWM	TSOT-23-6L	3000	OVP,Current limit and Thermal shutdown protection

Product Line	P/N	Type	Op. Voltage(V)	Frequency	Reference Voltage(V)	Current	Channel	Package	MPQ	Note
LCD Bias power	5520	Boost	2.5~5.5	1.2MHz	1.2	1.8A	1-ch	TQFN3x3-16	2500	Boost, VGH/VGL charge-pump,Vcom
	6787/A	Boost	2.5~5.5	640KHz	Vi-14	3A	1-ch	TQFN3x3-16	2500	VGH/VGL, with Vcom, Reset, LDO(3.3V/2.5V)

Product Line	P/N	Operation Voltage(V)	Supply Current	Operating Point BOP (Gauss)	Release Point BRP (Gauss)	Package	MPQ	Note
Hall IC	7001	1.65 ~ 5.5	1.4mA	30/-30	20/-20	SOT23-3L/SP3	3000	Push Pull, Switch, N/S
	7003	1.65 ~ 5.5	1.4mA	30/-30	20/-20	SOT23-3L	3000	Open Drain, Switch, N/S
	7004	1.65 ~ 5.5	1.4mA	30/-30	20/-20	SOT23-3L	3000	Push Pull, Switch, N/S
	79019 New	2.9 ~ 5.5	3.1mA	1.0 / 1.5 / 2.0 / 4.0 / 5.0 / 10 mV/G	MAX ±1533G	SOT23-3L, SIP -3L (TO92S)	3000	linear, N/S
	49EB New	3 ~ 7	5mA	1.9mV/G	800/-800	SOT23-3L VDFN1.6x1.6-6L		linear amplifier and output stage
	1804-W-7	2.5~3.6	4mA	40/-40	32/-32	DFN1216-4 and SC59	3000	Good RF noise ,
	1912-FA-7	1.6~5.5	1mA	30/-30	23/-23	SC59	3000	Small Low Profile , High ESD Capability
	1912-W-7	1.6~5.5	1mA	30/-30	23/-23	SC59	3000	Small Low Profile High ESD Capability

Product Line	P/N	Current	Op. Voltage(V)	Dropout Voltage(V)	Quiescent Current	Reference Voltage(V)	Channel	Output Voltage	Package	MPQ	Note
Bipolar LDO	1117	1A	15	0.8	6mA	1.25	1-ch	1.5V, 1.8V, 2.5V, 2.85V, 3.3V, 5.0V, Adjustable	SOT-223 / TO-252	2500	Output current limiting Built-in thermal shutdown Low-ESR Ceramic Capacitor
	317	1.2A	40	-	10mA	1.25	1-ch	Adjustable	TO-252 / SOT-223 TO-263	2500 800	Output voltage range: Adj. from 1.2V to 20V
LDO	6688 New	50mA	100	2.4	25uA	0.93	1-ch	Adjustable	SOT-23-5 / SOP-8L	3000/2500	Current Limit, OTP
	3056 New	150mA	60	0.7	2uA		1-ch	3.0V, 3.3V, 5.0V	SOT23-3L		low drop, low Iq
	7387 New	150mA	60	1.1	2uA		1-ch	3.0V, 3.3V, 3.6V, 5.0V	SOT23 / SOT25	3000	Current Limit, OTP, low IQ
	3054 New	350mA	45	1.5	2.1uA		1-ch	1.8V, 3.3V, 5.0V	SOT23-5L / SOT89-3L	3000/1000	low drop, low Iq
	7383 New	150mA	30	0.5	1.8uA		1-ch	1.8V, 3V, 3.3V, 3.45V, 3.6V, 4.15V, 4.4V, 5V	SOT25 / SOT89 U-DFN2020-6	3000	low drop, low Iq
	6601	0.3A	6	0.36~1.1	0.09mA	-	1-ch	1.5V, 1.8V, 2.5V, 2.8V, 3.0V and 3.3V	SOT-23-3L / SOT-89-3L	3000	OCP, SCP, OTP
	6603	0.3A	2.6~6.0	0.20	0.09mA	-	1-ch	1.0V to 5V by 0.1V steps	TSOT-23-5L	3000	OCP, OTP, Short circuit current fold-back
	6646	0.3A	6	0.20	0.04mA	0.8	1-ch	ADJ	TSOT23-5L	3000	OCP, OTP, Short circuit current fold-back
	6607	0.6A	2.6~5.5	0.3~1.1	0.05mA	0.8	1-ch	ADJ	TDFN-6L (2*2)	3000	OCP, OTP, Short circuit current fold-back
	6680	0.3A	1.2~5.5	0.16~0.25	0.002mA	-	1-ch	3.3V	SOT-23-5L	3000	low drop, low Iq
	6681	0.6A	1.2~5.5	0.36~0.57	0.002mA	-	1-ch	1.8V, 2.8V, 3.3V	SOT-23-3	3000	low drop, low Iq
	2210	0.3A	2.5~13.2	0.015~0.25	0.001mA	1.25	1-ch	ADJ	SOT-23-5	3000	OCP, OTP, Reverse battry protection
	2205	0.2A	2.3~24	0.1~0.36	0.036mA	-	1-ch	fix	SOT25	3000	OCP, OTP
	2920T11U	0.15A	3.5~36	0.50	0.035mA	-	1-ch	3.3V	SOT-23-5	3000	OCP, SCP, OTP
	6686	0.2A	2~36	0.75	2.2uA		1-ch	ADJ, 3.3V, 5V	SOT-23-5L / SOT89-3L	3000	Current Limit,OTP
	Q9101	0.2A	2~36	0.75	2.2uA		1-ch	ADJ, 3.3V, 5V	SOT-23-5L / SOT89-3L	3000	Current Limit,OTP
	6163	0.4A	1.3~5	0.26~0.65	0.048mA	-	1-ch	1V, 1.2V	WLCSP 4-Ball SOT-23-5	3000	OCP, OTP, AEQ100
	6183	0.3A	2~5.5	0.23~1.1	0.035mA	-	1-ch	1V, 1.1V, 1.2V, 1.5V, 1.8V, 2.2V, 2.5V, 2.8V, 3.0V, 3.3V	UTDFN-4L	3000	OCP, OTP
	6185	0.3A	2.8~5.5	0.17	25μA	2.00%	1-ch	1.1V, 1.2V, 1.5V, 1.8V, 2V, 2.5V, 2.7V, 2.8V, 2.9V, 3.0V, 3.3V	SOT-25 / SC-82 SC-70	3000	EN, Low noise, High PSRR 70dB
	6186	0.3A	2.2~5.5	0.2~0.7	0.06mA	0.8	1-ch	ADJ	SOT-23-5	3000	OCP, OTP, quick discharge
Product Line	P/N	Current	Op. Voltage(V)	Dropout Voltage(V)	Quiescent Current	Reference Voltage(V)	Channel	Output Voltage	Package	MPQ	Note
CMOS LDO	75xx	100mA	2.5~24	0.10	2.5μA	1.00%	1-ch	2.1V ~ 5.0V	TO-92 / SOT-89 / SOT23-5	1000	Low power consumption, High input voltage
	2205	200mA	2.3~24	0.1V~0.36	0.01 uA	1.24	1-ch	fixed 1.5V, 1.8V, 2.5V, 2.8V, 3.0V, 3.3V, 5.0V ADJ 1.24V to 22V	SOT25 and SOT89	3000	Low Dropout Voltage Wide Output Voltag
	6155	150mA	2.5~16	0.30	5μA	1.00%	1-ch	2.5V~ 3.3V fixed, Adjustable	SOT-23-5	3000	Enable function; Adjustable Output; High Output Voltage Accuracy
	6355	300mA	2.0~8	0.3	50μA	1.50%	1-ch	0.9V~6V, ADJ	SOT-25	3000	EN, low Vi , High output voltage accuracy
	7330	300mA	1.8V~5.5	0.67V ~ 0.22	45μA	0.8	1-ch	ADJ 1.0V to 4.5V	SOT25	3000	High PSRR , VOUT Accuracy ±1% Low Quiescent Current
	7366	600mA	2.2~6	0.19 ~1.2	60 μA	0.8	1-ch	fixed 1.0V, 1.2V, 1.5V, 1.8V, 2.0V, 2.5V, 2.8V, 3.0V, 3.3V, 3.6V, 3.9V ADJ 0.8~5V	SOT25 U-DFN2020-6	3000	Low IQ , Fixed Output Fast Start-up Time: 150μs
	7366EA New	600mA	2.2~6	0.19 ~1.2	60 μA	0.8	1-ch	fixed 1.0V, 1.2V, 1.5V, 1.8V, 2.0V, 2.5V, 2.8V, 3.0V, 3.3V, 3.6V, 3.9V ADJ 0.8~5V	SOT25 U-DFN2020-6	3000	Low IQ , Fixed Output Fast Start-up Time: 150μs
	7343 New	300mA	1.7~5.25	0.22~0.82	35uA	-	1-ch	Fixed , 0.9V~3.6V	X2-DFN1010-4 / SOT25	5000/3000	HIGH PSRR ,VOUT Accuracy ±1% Low Quiescent Current
	7353 New	250mA	2~5.5	0.074~0.24	18uA	-	1-ch	Fixed , 1.8V, 2.5V, 2.8V, 2.85V, 2.9V, 3.1V, 3.2V, 3.3V, 3.6V, 4.5V 4.7V	X1-WLB0707-4 / X2-DFN1010-4	3000/5000	HIGH PSRR 90 dB ,VOUT Accuracy ±1% Low Quiescent Current
	7368 New	500mA/1A	1.7~5.5	0.06~0.33	110uA		1-ch	Fixed , 0.9V, 1.0V, 1.05V, 1.1V, 1.2V, 1.5V, 1.8V, 2.5V, 2.8V, 2.85V, 3.0V, 3.3V	X1-DFN1612-8	5000	Low VIN, VOUT Accuracy ±1%, PSRR 80dB,
	7362	1.5A	2.2~5.5	0.19	25nA	0.6	1-ch	fixed 1V, 1.2V, 1.5V, 1.8V, 2.5V, 3.3V ADJ 0.6V~5V	U-DFN2030-8 SO-8EP	3000/2500	Current Limit,Thermal Shutdown Protection
	6145B	2A	1.2~5.5	0.28	10uA	0.8	1-ch	0.8V to VIN-VDROP	SOP-8EP	2500	Current Limit,Thermal Shutdown Protection, Under-Voltage Protection
	6617	3A	1.1~5.5	0.23	10uA	0.8	1-ch	0.8V to 2.8V	TDFN-10L (3*3)		Current Limit,Thermal Shutdown Protection, UVP
	6615	3A	1.2~3.65	0.23	15uA	0.8	1-ch	ADJ 0.8V~3.42V	SOP-8L-EP	2500	Current Limit,Thermal Shutdown Protection, Under-Voltage Protection

Product Line	P/N	Density	Vcc	Clock	Max. Op. Current	Temperature	Package	MPQ	Note
Serial Flash	25L2006EM1I-12G	2Mb	3V	86MHz	12mA	-40°C~85°C	SOP8	98	Pb Free
	25L4006EM2I-12G	4Mb	3V	86MHz	12mA	-40°C~85°C	SOP8	92	Pb Free
	25L8006EM2I-12G	8Mb	3V	86MHz	12mA	-40°C~85°C	SOP8	92	Pb Free
	25L1606EM2I-12G	16Mb	3V	86MHz	25mA	-40°C~85°C	SOP8	92	Pb Free
	25L3206EM2I-12G	32Mb	3V	86MHz	25mA	-40°C~85°C	SOP8	92	Pb Free
	25L12845EMI-10G	128Mb	3V	104MHz	19mA	-40°C~85°C	SOP16	44	Pb Free
	25L12835FM2I-10G	128Mb	3V	133MHz	25mA	-40°C~85°C	SOP8	2000	Pb Free
	25L12833F New	128Mb	3V	133MHz	25mA	-40°C~85°C	SOP8	2000	Pb Free
Flash	29LV320EBTI-70G	32Mb	3V	5MHz	30mA	-40°C~85°C	TSOP48	960	Pb Free

Product Line	P/N	Operation Voltage(V)	Support Qi	MOSFET	TX / RX	Temperature	Package	MPQ	Note
Wireless Charger	GPMQ8005B	5	10W	External	TX	-40°C~85°C	LQFP48, QFN32	1250	OCP, OVP
	GPMQ8006B	5	10W	External	TX	-40°C~85°C	LQFP48, QFN48	1000	OCP, OVP
	GPMQ9019B	5	15W	External	TX	-40°C~85°C	LQFP48	1250	OCP, OVP, OTP
	GPM8F8008C	2.0~5.5	15W	External	TX	-40°C~85°C	QFN32	4900-Tray	OCP, OVP, OTP
	GPMQ9103A02	5,7,9,12	15W	External	RX	-40°C~85°C	WLCSP 2.64X3.94-52B, TQFN5x5-40	490	OCP, OVP, OTP

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