

## DC/DC-Switching Regulator

### Step Down Regulator-LV (打\*的为优选)

Part NO.	Function	Vin(V)	Iout(A)	Switching Frequency	Vfb(V)	HSFET Ron(Ω)	LSFET Ron(Ω)	Special Function	Package	status	Compatible Device
STI3406	Sync.buck	2.5-5.5	0.8	1.5M	0.6	0.25	0.2	OVP 6.3V	SOT23-5	MP	
STI3407	Sync.buck	2.5-5.5	1	2.3M	0.6	0.25	0.2	OVP 6.3V	SOT23-5	MP	
TMI3101/D*	Sync.buck	2.5-5.5	1	2.3M	0.6	0.25	0.2	OVP 6.3V 高频	SOT23-5 DFN6	MP	
<b>TMI3108*</b>	<b>Sync.buck</b>	<b>2.5-5.5</b>	<b>1</b>	<b>1.5M</b>	<b>0.6</b>	<b>0.25</b>	<b>0.2</b>	<b>OVP 6.1V</b>	<b>SOT23-5</b>	<b>MP</b>	<b>8008/88</b>
STI3408	Sync.buck	2.5-5.5	1.2	1.5M	0.6	0.25	0.2	OVP 6.2V	SOT23-5	MP	8008/88
STI3408B	Sync.buck	2.5-5.5	1.2	1.5M	0.6	0.25	0.15	OVP 6.2V	SOT23-5	MP	8008/88
<b>TMI3408/D*</b>	<b>Sync.buck</b>	<b>2.5-5.5</b>	<b>1.2</b>	<b>1.5M</b>	<b>0.6</b>	<b>0.25</b>	<b>0.15</b>	<b>OVP 6.2V</b>	<b>SOT23-5 DFN6</b>	<b>MP</b>	<b>8008/88</b>
TMI3411B	Sync.buck	2.5-5.5	1.5	1.5M	0.6	0.17	0.08	OVP 6.2V	SOT23-5	MP	
<b>TMI3408C*</b>	<b>Sync.buck</b>	<b>2.5-5.5</b>	<b>1.5</b>	<b>1.0M</b>	<b>0.6</b>	<b>0.25</b>	<b>0.15</b>	<b>OVP 6.1V</b>	<b>SOT23-5</b>	<b>MP</b>	
STI3408C	Sync.buck	2.5-5.5	1.5	1.0M	0.6	0.25	0.15	OVP 6.5V	SOT23-5	MP	
STI3410	Sync.buck	2.5-5.5	1.5	1.0M	0.6	0.13	0.1	OVP 6.5V	SOT23-5	MP	8009/89
<b>TMI3411*</b>	<b>Sync.buck</b>	<b>2.5-5.5</b>	<b>2</b>	<b>1.0M</b>	<b>0.6</b>	<b>0.17</b>	<b>0.08</b>	<b>OVP 6.5V</b>	<b>SOT23-5</b>	<b>MP</b>	<b>8009/89</b>
STI3411A	Sync.buck	2.5-5.5	2	1.0M	0.6	0.17	0.08	OVP 6.5V	SOT23-5	MP	8089/89
STI3411	Sync.buck	2.5-5.5	2	1.0M	0.6	0.15	0.08	OVP 6.5V	SOT23-6	MP	8089/89
<b>TMI3113*</b>	<b>Sync.buck</b>	<b>2.5-5.5</b>	<b>3</b>	<b>1.0M</b>	<b>0.6</b>	<b>0.1</b>	<b>0.08</b>	<b>OVP 6.5V+PG</b>	<b>SOT23-6</b>	<b>MP</b>	<b>8032</b>

TMI3113B	Sync.buck	2.5-5.5	3	1.0M	0.6	0.1	0.08	OVP 6.5V	SOT23-6	MP	8032
TMI3113D	Sync.buck	2.5-5.5	3	1.0M	0.6	0.1	0.08	OVP 6.5V	DFN3*3-10	MP	
TMI3114	Sync.buck	2.5-5.5	4	1.0M	0.6	0.1	0.08	OVP 6.5V	DFN8	Q4/2019	8047
STI8070A	Sync.buck	2.5-5.5	7	2.1M	I <sup>2</sup> C DVS	0.03	0.02	I2C COT	CSP20	MP	827/837
STI8070B	Sync.buck	2.5-5.5	7	2.1M	I <sup>2</sup> C DVS	0.03	0.02	I2C COT	CSP20	MP	828/838
STI8071	Sync.buck	2.5-5.5	7	2.1M	0.6	0.03	0.02	OVP 6.2V	CSP20	MP	

### Step Down Regulator-HV

Part NO.	Function	Vin(V)	Iout(A)	Switching Frequency	Vfb(V)	HSFET Ron(Ω)	LSFET Ron(Ω)	Special Function	Package	status	Compatible Device
STI3470*	Sync.buck	3.7-18	2	600K	0.6	0.15	0.07	OVP 19V	SOT23-6	MP	SY8120
STI3472*	Sync.buck	3.7-18	2	600K	0.8	0.12	0.07	OVP 19V	SOT23-6	MP	MP1470
TMI3280*	Sync.buck	3.7-18	2	600K	0.6	0.12	0.05	OVP 19V + FPWM	SOT23-6	MP	SY8120
TMI3281*	Sync.buck	3.7-18	2	1M	0.6	0.12	0.05	OVP 19V + FPWM 高频	SOT23-6	MP	SY8121
TMI3282*	Sync.buck	3.7-18	2	1M	0.8	0.12	0.08	OVP 19V + FPWM 高频	SOT23-6	MP	MP1470H
TMI3272T*	Sync.buck	3.7-18	2	600K	0.765	0.12	0.07	OVP 19V	SOT23-6	MP	TPS652201
STI3482	Sync.buck	3.7-18	2	500K	0.923	0.11	0.07	OVP 19V	SOP8L	MP	MP1482 /3482
TMI3252*	Sync.buck	3.7-18	2	600K	0.8	0.12	0.07	COT+OVP 19V	SOT23-6	MP	MP1470
TMI3252T*	Sync.buck	3.7-18	2	600K	0.765	0.12	0.07	COT+OVP 19V	SOT23-6	MP	TPS652201
TMI3252TF*	Sync.buck	3.7-18	2	600K	0.765	0.12	0.07	COT+OVP 19V+FPWM	SOT23-6	MP	TPS652208
TMI3252S*	Sync.buck	3.7-18	2	600K	0.6	0.12	0.07	COT+OVP 19V	SOT23-6	MP	SY8120
TMI3257*	Sync.buck	4.5-18	2	800K	0.805	0.115	0.07	OVP 19V + COT	SOT563	MP	MP1657
TMI3258 /B*	Sync.buck	4.5-18	3	600K	0.805 0.802	0.07	0.035	OVP 19V + COT	SOT563	MP	MP1658 MP1653

TMI3253*	Sync.buck	3.7-18	3	600K	0.8	0.08	0.06	COT+OVP 19V	SOT23-6	MP	MP1471
TMI3253T*	Sync.buck	3.7-18	3	600K	0.765	0.08	0.06	COT+OVP 19V	SOT23-6	MP	TPS653201
TMI3253S*	Sync.buck	3.7-18	3	600K	0.6	0.08	0.06	COT+OVP 19V	SOT23-6	MP	SY8113
TMI3253H/SH*	Sync.buck	3.7-18	3	1M	0.8/0.6	0.08	0.06	COT+OVP 19V 高频	SOT23-6	MP	MP1471H SY8113H
STI3471	Sync.buck	3.7-18	3	600K	0.6	0.08	0.04	COT	TSOT23-6	MP	8113
STI3474	Sync.buck	3.7-18	3	600K	0.8	0.08	0.06	OVP 19V	SOT23-6	MP	1471
TMI3274T	Sync.buck	3.7-18	3	600K	0.765	0.08	0.06	OVP 19V	SOT23-6	MP	TPS56320x
STI3484	Sync.buck	3.7-18	3	500K	0.923	0.09	0.07	OVP 19V	ESOP8L	MP	1484
TMI3295	Sync.buck	3.7-18	3	500K	0.8	0.08	0.06	OVP 19V+COT	TSOT23-8L	2019/Q4	MP9495
TMI3275	Sync.buck	3.7-18	5	500K	0.6	0.04	0.026	COT	SOT23-6L/FC	2019/Q4	SY8105
TMI3359	Sync.buck	4.5-30	1.2	1.4M	0.8	0.35	0.2	Int SS/COMP	SOT23-6	2019/Q4	MP2359
TMI3330	Sync.buck	4.5-30	3	130K-500K	0.8	0.08	0.06	Int SS/COMP	ESOP8L	MP	
TMI3331/D	Sync.buck	4.5-30	3	130K-500K	0.8	0.08	0.06	Int SS/COMP/EN	ESOP8/DFN	MP	
TMI3342	Sync.buck	4.5-30	2	340K	0.92	0.128	0.084		SOP8L	2019/Q4	EUP3482A
TMI3344	Sync.buck	4.5-30	3.5	340K	0.92	0.128	0.084		ESOP8L	2019/Q4	EUP3484A
TMI3343B	Sync.buck	4.5-30	3.5	340K	0.8	0.128	0.084		ESOP8L	2019/Q4	TPS54336
TMI3343	Sync.buck	4.5-30	3.5	100K-1.2M	0.8	0.128	0.084		ESOP8L	2019/Q4	TPS54335
TMI3383	Sync.buck	4.5-30	4	130K-500K	1.22	0.045	0.025	100% Duty	ESOP8L	MP	
TMI3395	Sync.buck	4.5-30	5	100K-1.2M	0.8	0.065	0.035	Int SS/COMP	ESOP8L	Developing	TPS54335
TMI3451	Sync.buck	4.5-40	0.6	2M	0.794	0.5	0.2	Int SS/COMP	SOT23-6	Developing	MP2451
TMI3494	Async.buck	9.0-40	4	200K	0.92	0.05	NA	CC+CV OOVp	ESOP8	MP	EUP3453

TMI3494B	Sync.buck	9.0-40	5	200K	0.92	0.05	ext. MOS	CC+CV OOV	ESOP8	MP	
TMI3450	Sync.buck	4.5-40	5	130K-500K	1.22	EXT	ext. MOS	HV Controller	SOP8	MP	
TMI3805	Sync.buck	4.5-80	0.5	200K	1.22	0.5	0.5	HV Converter	SOT23-6	Developing	

### Step Up Regulator

Part NO.	Function	Vin(V)	Ilimit(A)	Switching Frequency	Vfb(V)	SWFET Ron(Ω)	SRFET Ron(Ω)	Special Function	Package	status	Compatible Device
STI3508	Boost	2.5-20	3	1.2M	0.6	/	0.1	Int SS/COMP	SOT23-6	MP	SY7208. GMP9081
TMI5120/A	Sync.Boost	0.85-5	0.85	300K	NA	0.45	0.65	0.85V Start	SOT23/ SOT23-5	MP	QX2306
TMI5120B	Sync.Boost	0.85-5	0.85	300K	NA	0.45	0.65	0.85V Start	SOT23-5	MP	G5134
TMI5120D	Sync.Boost	0.85-5	0.85	300K	3.3	0.45	0.65	0.85V Start	SOT23-6	MP	APW7212-33
TMI5623	Sync.Boost	2.0-24	10	400K/ADJ	1.2	EXT	EXT	Controller, Input Current	QFN4*4-16	Developing	

### Power for SSD

Part NO.	Function	Vin(V)	Iout(A)	Switching Frequency	Vfb(V)	HSFET Ron(Ω)	LSFET Ron(Ω)	Special Function	Package	status	Compatible Device
TMI3102	Sync.buck	2.5-5.5	2A	2.3M	0.6	0.1	0.08	OVP 6.3V	SOT23-5	2019/Q4	
TMI3113H1	Sync.buck	2.5-5.5	3A	2.3M	0.6	0.1	0.08	OVP 6.3V	SOT23-5	2019/Q4	
TMI3113H2D	Sync.buck	2.5-5.5	3A	2.3M	0.6	0.1	0.08	OVP 6.3V	DFN2x2-6	2019/Q4	
TMI3163	Sync.buck	2.5-5.5	3A	1M	0.6	0.1	0.08	OVP 6.3V	DFN3x3-10	MP	

### Dying Gasp Storage And Release Controller

Part NO.	Function	Vin(V)	IRelease(A)	VStorage(V)	Icharge(A)	Vfb1(V)	Vfb2(V)	Package	status	Compatible Device
TMI5111	Boost Storage	5-18	2	Up to 28	0.3	1	1	SOP8	MP	MP201/MP111

### PMIC for LNB DVB-S/DVB-S2/ABS

Part NO.	Function	Vin(V)	Iout(A)	Switching Frequency	Vout(V)	Boost Ron(Ω)	Ripple	Package	status	Compatible Device
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STI8033	Boost	3-24	0.35	1.2M	30	0.15	70mV	SOT23-6	MP	
STI8035	Boost+ liner Regu	9-14	0.65	1M	14/19V	0.12	40mV	ESOP8	MP	
STI8039	Boost+ liner Regu	9-14	0.55	1M	14/19V	0.1	40mV	ESOP8	MP	
STI8036/B	Boost+ liner Regu	9-14	0.6	1M	14/19V	0.08	30mV	ESOP8	MP	STI8035
TMI8037	Boost+ liner Regu	9-14	0.6	1M	14/19V	0.08	30mV	ESOP8	MP	RT5047
TMI8135	Boost+ liner Regu	9-14	0.6	1M	14/19V	0.08	30mV	ESOP8	MP	
TMI8038	Boost+ liner Regu	9-14	0.6	1M	14/19V	0.08	30mV	MSOP8	MP	

### PMIC for Car Charger

Part NO.	Vin(V)	Iout(A)	Switching Frequency	FB(V)	Quiescent Current(uA)	Efficiency(%)	Special Function	Package	status	Compatible Device
TMI2100	9~37	5	185K	0.8	900	92% @4.8A	CC+CV	ESOP8	MP	NA
TMI2242/D/E	8~30	2.4	Adj 130~500	0.8	600	91% @2.4A	CC+CV, SCP, cable comp	ESOP8	MP	D版: 适合单面板 E版: 轻载高效
TMI2243	5~30	2.4	130K	Fixed 5V	600	93% @2.4A	固定输出5V, 极简外围应用	SOP8	MP	
TMI2243B	5~30	3.4	130K	Fixed 5V	600	93% @2.4A	固定输出5V, 极简外围应用	SOP8	MP	
TMI2243D	5~30	2.4	130K	Fixed 5V	600	93% @2.4A	固定输出5V, 极简外围应用	SOP8	MP	
TMI2244B	8~30	3.4	Adj 130~500	0.8	1000	94% @3.4A	CC+CV, SCP, cable comp	SOP8	MP	
TMI2244C	8~30	3.4	Adj 130~500	1.2	700	94% @3.4A	CC+CV, SCP, cable comp	SOP8	MP	100% Duty, 恒功率 24W
TMI2245	8~30	4.8	Adj 130~500	0.8	600	94% @4.8A	CC+CV, SCP, cable comp	ESOP8	MP	NA
TMI2282	5~30	3	Adj 130~500	1.2	700	92% @3A	CC+CV, SCP, cable comp, 100%Duty	SOP8	MP	100% Duty, 恒功率 24W
TMI2282L	5~30	2.4	Adj 130~500	1.2	700	92% @3A	CC+CV, SCP, cable comp, 100%Duty	SOP8	MP	
TMI2282LQ	5~30	3.4	Adj 130~500	1.2	700	93% @3A	CC+CV, SCP, cable comp, 100%Duty	SOP8	MP	100% Duty

TMI2282Q	5~30	3	Adj 130~500	1.2	700	92% @3A	CC+CV, SCP, cable comp, 100%Duty	SOP8	MP	100% Duty, 恒功率 24W
TMI2283Q	5~40	3	Adj 130~500	1.2	700	93% @3A	CC+CV, SCP, cable comp, 100%Duty	SOP8	MP	100% Duty, 恒功率 24W
TMI2283QE	5~30	3	Adj 130~500	1.2	700	92% @3A	CC+CV, SCP, cable comp, 100%Duty	SOP8	MP	100% Duty, 恒功率 18W
TMI2286	5~40	3.4	Adj 130~500	1.2	700	93% @3A	CC+CV, SCP, cable comp, 100%Duty	SOP8	MP	
TMI2286D	5~40	3	Adj 130~500	1.2	700	93% @3A	CC+CV, SCP, cable comp, 100%Duty	SOP8	MP	
TMI22888	5~40	3	Adj 130~500	1.2	700	93% @3A	CC+CV, SCP, cable comp, 100%Duty	SOP8	MP	

### PMIC for Power Bank

Part NO.	Function	Vin(V)	Iout-5V(A)	In(CHG)(A)	Vout Max(V)	Special Function	Package	status	Compatible Device
STI8019	Liner charger+Boost	2.5-7	2	1	6	OVP,OCP	QFN4*4-24	MP	NA

### Li+ Battery Charger

Part NO.	Function	Vin(V)	Iout(A)	Iq(uA)	Vbat	Special Function	Package	status	Compatible Device
TMI4054	Liner charger	2.5-8	0.8	1	4.2	PROG	SOT23-5	MP	NA
TMI4056	Liner charger	2.5-8	1	1	4.2	PROG,NTC	SOP8	MP	NA

### Multi-Channel DC/DC

Part NO.	Function	Vin(V)	Iout(A)	Switching Frequency	Vref(V)	Special Function	Package	status	Compatible Device
STI8021	2 Channel LV Buck	2.5-6	1.2A/1.2A	1.5M	0.6	OVP,OCP	DFN3*3-10	MP	8020
TMI7003B	3 Channel LV Buck	2.5-6	1A/1A/1A	1M	0.6	OVP,OCP	QFN3*3-20	MP	
TMI7003	3 Channel LV Buck	2.5-6	2A/2A/2A	1M	0.6	OVP,OCP	QFN3*3-20	MP	
TMI7004	4 Channel LV Buck	2.5-6	2A/2A/2A	1M	0.6	OVP,OCP	QFN4*4-24	MP	
TMI7105	1 Channel HV Buck 2 Channel LV Buck	3.5-18	2A/2A/0.3A	500K+1M	0.6	OVP,OCP	QFN4*4-24	MP	

### Load Switch

Part NO.	Vin(V)	Current(A)	Current Limit(A)	Output Reverse-	OCB FLAG	Discharge	EN Logic	Ron(mΩ)	Package	status	Compatible Device
STI9712	2.4-5.5		ADJ	NO	N	N	H	90	SOT23-5	MP	6280A
TMI6260A	2.4~5.5		ADJ	YES	N	N	H	60	SOT23-5	MP	6010
TMI6260B	2.4~5.5		ADJ	YES	N	N	H	60	SOT23-5	MP	2551A
TMI6260C	2.4~5.5		ADJ	YES	Y	N	H	60	SOT23-6	MP	1627
TMI6260D	2.4~5.5		ADJ	YES	Y	N	H	60	DFN2x2-6	MP	TPS2553DRV
TMI6261A	2.4~5.5	0.8		YES	Y	N	H	60	SOT23-6	MP	NA
TMI6261B	2.4~5.5	1.5		YES	Y	N	H	60	SOT23-5	MP	1621A
TMI6261C	2.4~5.5	2.1		YES	Y	N	H	60	SOT23-5	MP	6288C
TMI6262AL	2.4~5.5		ADJ	YES	N	N	L	60	SOT23-5	MP	6281A
TMI6263AH	2.4-5.5	2A		YES	Y	Y	H	60	SOT23-5	MP	6288C
TMI6263AL	2.4-5.5	2A		YES	Y	Y	L	60	SOT23-5	MP	6288D
TMI6263BH	2.4-5.5		ADJ	YES	N	Y	H	60	SOT23-5	MP	6280A
TMI6263CH	2.4-5.5	2A		YES	N	Y	H	60	SOT23-5	MP	5243A
TMI6263DH	2.4-5.5	1.5A		YES	Y	Y	H	60	TSSOP-B8J	MP	BD82034
TMI6263EH	2.4-5.5	2.5A		YES	Y	Y	H	60	TSSOP-B8J	MP	BD82046
TMI6240	2.4-18	3A		NO	N	Y	H	45	SOT23-6	MP	
TMI62??	2.4-5.5	3A	NTC	D+/D- USB Dedicated Charging Port Controller				12	SOT23-6	Developing	

### White LED Backlight Driver

Part NO.	Function	Vin(V)	Ilimit(A)	Switching Frequency	Vref(V)	OVP(V)	LSFET Ron(Ω)	Package	Status
STI9287	Boost	2.5-24	2	1.2M	0.2	30	0.15	SOT23-6L	MP

STI9287B	Boost	2.5-24	1.3	1.2M	0.2	30	0.15	SOT23-6L	MP	
TMI5101	Buck	2.5-5.5	1	1.5MHz	0.1	6(Vin)	0.18	SOT23-5	MP	
TMI5102	Buck	2.5-5.5	2	1.5MHz	0.1	6(Vin)	0.07	SOT23-5	MP	
TMI5300	Boost	2.5-5.5	1.5A	1.2M	0.2	40	0.15	SOT23-6L DFN2x2-6	Q4/2019	SGM3756

## LDO

Part NO.	Function	Vin(V)	Iout Max(A)	Vout(V)	Accu	IQ	PSRR	Package	Status	Compatible Device
TMI6030	LV CMOS LDO	2.5-5.5	0.3	1.2/1.5/1.8 /2.5/2.8/3.0 /3.3/ADJ	±2%	30uA	70dB	SOT23-5	MP	
TMI6030C	LV CMOS LDO	2.5-5.5	0.3	1.2/1.5/1.8 /2.5/2.8/3.0 /3.3/ADJ	±2%	30uA	70dB	SOT23	MP	
TMI6030D	LV CMOS LDO	2.5-5.5	0.3	1.2/1.5/1.8 /2.5/2.8/3.0 /3.3	±2%	30uA	70dB	DFN1*1	MP	
TMI6050	LV CMOS LDO	2.5-5.5	0.6	ADJ, FB=0.8V	±2%	60uA	60dB	SOT23-5	MP	
TMI6201	HV LDO	24V	0.15	3.0/3.3/5.0	±2%	1.6uA	50dB	SOT23/SOT89	2019/Q4	
TMI6401	HV LDO	40V	0.15	3.0/3.3/5.0	±2%	1.6uA	50dB	SOT23/SOT89	2019/Q4	

## Reset

Part NO.	Function	Vin(V)	IQ	Vout(V)	Accu	Delay	Output	Package	Status	Compatible Device
TMI6809	Reset	1.0-7.5	1uA	2.63/2.93/3.08/4.00/4.38 /4.63	±2%	200mS	Push-pull	SOT23	MP	MAX809
TMI6810	Reset	1.0-7.5	1uA	2.63/2.93/3.08/4.00/4.38 /4.63	±2%	200mS	push-pull	SOT23	MP	MAX810

## MOTOR DRIVER

Part NO.	VM(V)	VCC(V)	Output Current(A)	Rdson(mohm)	Built-in Charge Pump	Package	Status	Compatible Device
STI8837	1.5-12	1.5-5.5	1.8	285	YES	DFN2*2-8	MP	DRV8837



STI8837B	1.5-5.5	1.5-5.5	1.2	285	YES	SOP8	MP	6208
TMI8837	1.5-12	1.5-7.0	1.6	600	YES	DFN2*2-8	MP	DRV8837C
TMI8548/9	4.0-16	/	1	1000	NO	SOP10	MP	LV8548/9
TMI8870/B	6.5-45	/	3.6	565	YES	ESOP8	MP	DRV8870/B
TMI8833	2.7-10.8	/	0.7A	1735	NO	SSOP16	2019/Q4	DRV8833/C

### Audio Line Driver

Part NO.	VCC(V)	Audio Inputs	Vout(V)	Controls	Package	Status	Compatible Device
TMI8320A	2.5-5.5	Differential, Single-Ended	3Vrms,2Vrms	Enable, UVP	TSSOP14	MP	SGM8903
TMI8320B	2.5-5.5	Single-Ended	3Vrms,2Vrms	Enable, UVP	MSOP10-EP	MP	SGM8905
TMI8320C	2.5-5.5	Single-Ended	3Vrms,2Vrms	Enable	MSOP10	MP	SGM8904

### USB Charging Port Controller for Fast Charging Protocol and QC 2.0/3.0

Part NO.	Vin(V)	Support HiSilicon FCP	Support QC2.0/3.0	Automatic Selection FCP and QC2.0/3.0 protocols	Supports D+/D- = 2.7V/2.7V	Supports D+/D- = 1.2V/1.2V	BC1.2 AND YD/T 1591-2009 MODE	Package	status	Compatible Device
TMI9290	3.2-6.0	Yes	Yes	Yes	Yes	Yes	Yes	SOT23-6	MP	FP6601Q
TMI9290A	3.2-6.0	Yes	Yes	Yes	Yes	Yes	Yes	SOP8	MP	CHY100
TMI9291	3.2-6.0	Yes	Yes	Yes	Yes	Yes	Yes	SOP8	MP	CHY103D

### USB Dedicated Charging Port Controller

Part NO.	Vin(V)	Number of Controller	Dedicated Charging Schemes	Supports D+/D- = 1.2V/1.2V	BC1.2 MODE	YD/T 1591-2009 MODE	Package	Status	Compatible Device
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TMI9130A	4.5~5.5	Dual	D+/D- = 2V/2.7V or 2.7V/2V	Yes	Yes	Yes	SOT23-6	MP	TPS2513
TMI9130B	4.5~5.5	Single	D+/D- = 2V/2.7V or 2.7V/2V	Yes	Yes	Yes	SOT23-6	MP	TPS2514
TMI9130C	4.5~5.5	Dual	D+/D- = 2.7V/2.7V	Yes	Yes	Yes	SOT23-6	MP	TPS2513A
TMI9130D	4.5~5.5	Single	D+/D- = 2.7V/2.7V	Yes	Yes	Yes	SOT23-6	MP	TPS2514A
TMI9130E	4.5~5.5	Single	D+/D- = 2.7V/2.7V or 2.7V/2V	Yes	Yes	Yes	SOT23-5	MP	CX3002
TMI9130F	4.5~5.5	Single	D+/D- = 2.7V/2V	Yes	Yes	Yes	SOT23-5	MP	CX3002

**PMIC for Electronic Cigarettes**

**PWM Controller**