

## Richtek cross reference table for MAXIM, MPS, TI and Torex parts (Nov.2013)

[Remark] **B2B**: fully drop-in replacement ; **P2P**: same functionality & pinout but NOT an exact equivalent;

**B**: similar BOM but Pinout different ; **F**: similar functionality but not functionally equivalent to the manufacturer's device

Manufacturer	Manufacturer part number	Richtek part number	Product category	Description	Package	B2B	P2P	B	F
MAXIM	MAX1567ETL	RT9911GQV	System Buck	6 Channel DC/DC Converters	VQFN-40L 6x6		V		
MAXIM	MAX1916EZT	RT9301GJ8	LED Driver	3-Channel Low Dropout RGB LED Driver	TSOT-23-8			V	
MAXIM <sup>[1]</sup>	MAX6326UR(XR)	RT9818x-xxGV(GU3)	Voltage Detector	Micro-Power Voltage Detectors	SOT-23-3/SOT-70-3	√			
MAXIM <sup>[1]</sup>	MAX6326UR(XR)	RT9819x-xxGV(GU3)	Voltage Detector	Micro-Power Voltage Detectors	SOT-23-3/SOT-70-3	√			
MAXIM <sup>[1]</sup>	MAX6327UR(XR)	RT9818x-xxGV(GU3)	Voltage Detector	Micro-Power Voltage Detectors	SOT-23-3/SOT-70-3	√			
MAXIM <sup>[1]</sup>	MAX6327UR(XR)	RT9819x-xxGV(GU3)	Voltage Detector	Micro-Power Voltage Detectors	SOT-23-3/SOT-70-3	√			
MAXIM <sup>[1]</sup>	MAX6328UR(XR)	RT9818x-xxGV(GU3)	Voltage Detector	Micro-Power Voltage Detectors	SOT-23-3/SOT-70-3	√			
MAXIM <sup>[1]</sup>	MAX6328UR(XR)	RT9819x-xxGV(GU3)	Voltage Detector	Micro-Power Voltage Detectors	SOT-23-3/SOT-70-3	√			
MAXIM <sup>[1]</sup>	MAX6328UR(XR)	RT9819x-xxGV(GU3)	Voltage Detector	Micro-Power Voltage Detectors	SOT-23-3/SOT-70-3	√			
MAXIM <sup>[1]</sup>	MAX809EUR(EXR)	RT9819x-xxGV(GU3)	Voltage Detector	Micro-Power Voltage Detectors	SOT-23-3/SOT-70-3	√			
MAXIM <sup>[1]</sup>	MAX811EUS	RT9817-xxGH	Voltage Detector	Micro-Power Voltage Detectors with Manual Reset	SOT-143	√			
MAXIM <sup>[1]</sup>	MAX8510EXK	RT9167-xxGB	Linear Regulator	Low-Noise, Fixed Output Voltage,300mA LDO Regulator	SOT-23-5	√			
MAXIM <sup>[1]</sup>	MAX8510EXK	RT9167A-xxGB	Linear Regulator	Low-Noise, Fixed Output Voltage,500mA LDO Regulator	SOT-23-5	√			
MAXIM <sup>[1]</sup>	MAX8510EXK	RT9193-xxGB	Linear Regulator	300mA, Ultra-Low Noise, Ultra-Fast CMOS LDO Regulator	SOT-23-5	√			
MAXIM <sup>[1]</sup>	MAX8512EXK	RT9193-xxGB	Linear Regulator	300mA, Ultra-Low Noise, Ultra-Fast CMOS LDO Regulator	SOT-23-5	√			
MAXIM	MAX8734AEEI	RT8203GA	System Buck	High-Efficiency, Quad Output, Main Power-Supply Controllers for Notebook Computers	SSOP-28		V		
MAXIM <sup>[1]</sup>	MAX8814ETA	RT9516GQW	Battery charger	Linear Single Cell Li-Ion Battery Charger with Single Input Supply for Portable Applications	WDFN-8L 2x2		V		
MAXIM	MAX8887EZK	RT9193-xxGB	Linear Regulator	300mA, Ultra-Low Noise, Ultra-Fast CMOS LDO Regulator	SOT-23-5		V		
MAXIM	MAX8951	RT8081WSC	PA Buck	Buck Converter for RF Power	WLCSP-12B 1.37x1.72		V		

Manufacturer	Manufacturer part number	Richtek part number	Product category	Description	Package	B2B	P2P	B	F
MAXIM	MAX9734A	RT8203GA	System Buck	High-Efficiency, Quad Output, Main Power-Supply Controllers for Notebook Computers	SSOP-28		√		
MAXIM	MAX17020	RT8206AGQW	Power Supply Controller	High Efficiency, Main Power Supply Controllers for Notebook Computers	WQFN-5x5-32		√		
MAXIM	MAX17043	RT9420GQW	Fuel Gauge	Host-Side Single Cell Lithium Battery Gauge	WDFN-8L 2x3		√		
MAXIM	MAX17048	RT9428WSC	Fuel Gauge	Voltaic Gauge for single cell	WLCSP-8B TBD		√		
MPS	MP1591DS	RT8267GS	Step-Down DC/DC Converter	2A, 22V, 400kHz Step-Down Converter	SOP-8		√		
MPS	MP1593DN	RT8269GSP	Step-Down DC/DC Converter	3A, 24V, 400kHz Step-Down Converter	SOP-8		√		
MPS	MP2104DJ	RT8024GB	Step-Down DC/DC Converter	1.5MHz,400mA, High Efficiency PWM Step-Down DC/DC Converter	SOT-23-5		√		
MPS	MP2109DQ	RT8035GQW	Step-Down DC/DC Converter	Dual 800mA, 1.25MHz Synchronous Step-Down Converter	WDFN-10L 3x3		√		
MPS	MP2130DG	RT8086BGQUF	Step-Down DC/DC Converter	3.5A, 1.2MHz, Synchronous Step-Down Converter	UQFN-12L 2x2		√		
MPS	MP2305DS	RT8295AHGSP	Step-Down DC/DC Converter	2A, 23V, 340kHz Synchronous Step-Down Converter	PSOP-8L		√		
MPS	MP2305DS	RT8296AHGSP	Step-Down DC/DC Converter	3A, 23V, 340kHz Synchronous Step-Down Converter	PSOP-8L		√		
MPS	MP2307DN	RT7270HZSP	Step-Down DC/DC Converter	3A, 18V, 340kHz Synchronous Step-Down Converter	SOP-8	√			
MPS	MP2307DN	RT8250GSP	Step-Down DC/DC Converter	3A, 23V, 340kHz Synchronous Step-Down Converter	SOP-8	√			
MPS	MP2307DN	RT8290ZSP	Step-Down DC/DC Converter	3A, 23V, 340kHz Synchronous Step-Down Converter	SOP-8	√			
MPS	MP2359DT	RT8259GE	Step-Down DC/DC Converter	1.2A, 24V, 1.4MHz Step-Down Converter	SOT-23-6		√		
MPS	MP2359DJ	RT8259J6	Step-Down DC/DC Converter	1.2A, 24V, 1.4MHz Step-Down Converter	TSOT-23-6		√		
MPS	MP2360DG	RT8260AGQW	Step-Down DC/DC Converter	1.8A, 24V, 1.4MHz Step-Down Converter	WDFN-8L 2x2	√			
MPS	MP2361DH	RT8271GFP	Step-Down DC/DC Converter	2A, 24V, 1.2MHz Step-Down Converter	MSOP-8		√		

Manufacturer	Manufacturer part number	Richtek part number	Product category	Description	Package	B2B	P2P	B	F
MPS	MP2363DN	RT8272GSP	Step-Down DC/DC Converter	3A, 24V, 1.2MHz Step-Down Converter	SOP-8		√		
MPS	MP2365DN	RT8272GSP	Step-Down DC/DC Converter	3A, 24V, 1.2MHz Step-Down Converter	SOP-8		√		
MPS	MP2488DN	RT8474GSP	DC/CC HV Buck LED Driver	50V input, 2A, 500kHz Buck LED Driver	PSOP-8			√	
MPS	MP28256EL	RT7263BZQW	Step-Down DC/DC Converter	3A, 21V, 500kHz or 0.3-2MHz with ext.sync. Step-Down Converter	WDFN-14L 4x3		√		
Texas Instrument	LM3445M	RT8458AGJ6	AC/CC floating buck controller	non-isolated, AC/DC buck constant current LED driver	TSOT-23-6				√
Texas Instrument	TPS2014D	RT9711DGS(PS)	Power Switch	0.6A High-Side Power Switches with Flag	SOP-8	√			
Texas Instrument	TPS2014D	RT9711DGB(PB)	Power Switch	0.6A High-Side Power Switches with Flag	SOT-23-5			√	
Texas Instrument	TPS2041BD	RT9711DGS(PS)	Power Switch	0.6A High-Side Power Switches with Flag	SOP-8	√			
Texas Instrument	TPS2041BD	RT9711DGB(PB)	Power Switch	0.6A High-Side Power Switches with Flag	SOT-23-5			√	
Texas Instrument	TPS2041BDBV	RT9711DGB(PB)	Power Switch	0.6A High-Side Power Switches with Flag	SOT-23-5			√	
Texas Instrument	TPS2041BDGN	RT9711DGF(PF)	Power Switch	0.6A High-Side Power Switches with Flag	MSOP-8	√			
Texas Instrument	TPS2041BDGN	RT9711DGS(PS)	Power Switch	0.6A High-Side Power Switches with Flag	SOP-8	√			
Texas Instrument	TPS2051BDBV	RT9711CGB(PB)	Power Switch	0.6A High-Side Power Switches with Flag	SOT-23-5			√	
Texas Instrument	TPS2051BDGN	RT9711CGF(PF)	Power Switch	0.6A High-Side Power Switches with Flag	MSOP-8	√			
Texas Instrument	TPS2051BDGN	RT9711CGS(PS)	Power Switch	0.6A High-Side Power Switches with Flag	SOP-8	√			
Texas Instrument	TPS2061DGN	RT9715FGS	Power Switch	1.1A High-Side Power Switches with Flag	SOP-8	√			
Texas Instrument	TPS2061DGN	RT9715BGS	Power Switch	2A High-Side Power Switches with Flag	SOP-8	√			
Texas Instrument	TPS2061DGN	RT9715DGS	Power Switch	1.5A High-Side Power Switches with Flag	SOP-8	√			
Texas Instrument	TPS2061DGN	RT9715HGS	Power Switch	0.7A High-Side Power Switches with Flag	SOP-8	√			
Texas Instrument	TPS2061DGN	RT9715FGF	Power Switch	1.1A High-Side Power Switches with Flag	MSOP-8	√			
Texas Instrument	TPS2061DGN	RT9715BGF	Power Switch	2A High-Side Power Switches with Flag	MSOP-8	√			

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Texas Instrument	TPS2061DGN	RT9715DGF	Power Switch	1.5A High-Side Power Switches with Flag	MSOP-8	√			
Texas Instrument	TPS2061DGN	RT9715HGF	Power Switch	0.7A High-Side Power Switches with Flag	MSOP-8	√			
Texas Instrument	TPS2061DBV	RT9715FGB	Power Switch	1.1A High-Side Power Switches with Flag	SOT-23-5	√			
Texas Instrument	TPS2061DBV	RT9715BGB	Power Switch	2A High-Side Power Switches with Flag	SOT-23-5	√			
Texas Instrument	TPS2061DBV	RT9715DGB	Power Switch	1.5A High-Side Power Switches with Flag	SOT-23-5	√			
Texas Instrument	TPS2061DBV	RT9715HGB	Power Switch	0.7A High-Side Power Switches with Flag	SOT-23-5	√			
Texas Instrument	TPS2065DGN	RT9715EGS	Power Switch	1.1A High-Side Power Switches with Flag	SOP-8	√			
Texas Instrument	TPS2065DGN	RT9715AGS	Power Switch	2A High-Side Power Switches with Flag	SOP-8	√			
Texas Instrument	TPS2065DGN	RT9715CGS	Power Switch	1.5A High-Side Power Switches with Flag	SOP-8	√			
Texas Instrument	TPS2065DGN	RT9715GGS	Power Switch	0.7A High-Side Power Switches with Flag	SOP-8	√			
Texas Instrument	TPS2065DGN	RT9715EGF	Power Switch	1.1A High-Side Power Switches with Flag	MSOP-8	√			
Texas Instrument	TPS2065DGN	RT9715AGF	Power Switch	2A High-Side Power Switches with Flag	MSOP-8	√			
Texas Instrument	TPS2065DGN	RT9715CGF	Power Switch	1.5A High-Side Power Switches with Flag	MSOP-8	√			
Texas Instrument	TPS2065DGN	RT9715GGF	Power Switch	0.7A High-Side Power Switches with Flag	MSOP-8	√			
Texas Instrument	TPS2065DBV	RT9715EGB	Power Switch	1.1A High-Side Power Switches with Flag	SOT-23-5	√			
Texas Instrument	TPS2065DBV	RT9715AGB	Power Switch	2A High-Side Power Switches with Flag	SOT-23-5	√			
Texas Instrument	TPS2065DBV	RT9715CGB	Power Switch	1.5A High-Side Power Switches with Flag	SOT-23-5	√			
Texas Instrument	TPS2065DBV	RT9715GGB	Power Switch	0.7A High-Side Power Switches with Flag	SOT-23-5	√			
Texas Instrument	TPS3808G	RT9807-xxGB	Voltage Detector	Micro-Power Voltage Detector with Manual Reset	SOT-23-5		√		
Texas Instrument	TPS2066DGN	RT9712CGS	Power Switch	1A High-Side Dual Power Switches with Flag	SOP-8	√			
Texas Instrument	TPS2066DGN	RT9712AGS	Power Switch	1.5A High-Side Dual Power Switches with Flag	SOP-8	√			
Texas Instrument	TPS2066DGN	RT9712CGF	Power Switch	1A High-Side Dual Power Switches with Flag	MSOP-8	√			
Texas Instrument	TPS2066DGN	RT9712AGF	Power Switch	1.5A High-Side Dual Power Switches with Flag	MSOP-8	√			
Texas Instrument	TPS2552DRV	RT9728ALGQW(ZQW)	Power Switch	1.3A High-Side Power Switch with Programmable Current Limit	DFN-6L	√			
Texas Instrument	TPS2552DRV	RT9728BLGQW	Power Switch	1.3A High-Side Power Switch with Programmable Current Limit	DFN-6L	√			

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Texas Instrument	TPS2552DBV	RT9728ALGE(ZE)	Power Switch	1.3A High-Side Power Switch with Programmable Current Limit	SOT-23-6	√			
Texas Instrument	TPS2552DBV	RT9728BLGE	Power Switch	1.3A High-Side Power Switch with Programmable Current Limit	SOT-23-6	√			
Texas Instrument	TPS2553DRV	RT9728AHGQW(ZQW)	Power Switch	1.3A High-Side Power Switch with Programmable Current Limit	DFN-6L	√			
Texas Instrument	TPS2553DRV	RT9728BHGQW	Power Switch	1.3A High-Side Power Switch with Programmable Current Limit	DFN-6L	√			
Texas Instrument	TPS2553DBV	RT9728AHGE(ZE)	Power Switch	1.3A High-Side Power Switch with Programmable Current Limit	SOT-23-6	√			
Texas Instrument	TPS2553DBV	RT9728BHGE	Power Switch	1.3A High-Side Power Switch with Programmable Current Limit	SOT-23-6	√			
Texas Instrument	TPS2560DRC	RT9731AZQW	Power Switch	Dual Channel Precision Adjustable Current Limited Power Switch	WDFN-10L-3x3	√			
Texas Instrument	TPS2561DRC	RT9731BZQW	Power Switch	Dual Channel Precision Adjustable Current Limited Power Switch	WDFN-10L-3x3	√			
Texas Instrument	TPS2602DGN	RT9712DGS	Power Switch	1A High-Side Dual Power Switches with Flag	SOP-8	√			
Texas Instrument	TPS2602DGN	RT9712BGS	Power Switch	1.5A High-Side Dual Power Switches with Flag	SOP-8	√			
Texas Instrument	TPS2602DGN	RT9712DGF	Power Switch	1A High-Side Dual Power Switches with Flag	MSOP-8	√			
Texas Instrument	TPS2602DGN	RT9712BGF	Power Switch	1.5A High-Side Dual Power Switches with Flag	MSOP-8	√			
Texas Instrument	TPS5430DDA	RT2808AGSP	Step-Down DC/DC Converter	3A, 36V, 500kHz A-sync Buck Converter (3-T)	PSOP-8L	√			
Texas Instrument	TPS5450DDA	RT8289GSP	Step-Down DC/DC Converter	5A, 32V, 500kHz Step-Down Converter	SOP-8	√			
Texas Instrument	TPS5450DDA	RT8279GSP	Step-Down DC/DC Converter	5A, 36V, 500kHz Step-Down Converter	SOP-8	√			
Texas Instrument	TPS5450DDA	RT2805AGSP	Step-Down DC/DC Converter	5A, 36V, 500kHz, A-sync Buck Converter (3-T)	PSOP-8L	√			
Texas Instrument	TPS51116RGE	RT8207LGQW(ZQW)	Step-Down DC/DC Converter	Complete DDRII/DDRIII/Low-Power DDRIII/DDRIV Memory Power Supply Controller.	QFN-24L			√	
Texas Instrument	TPS51100DGQ	RT9026GFP(PFP)	DDR terminator	DDR Termination Regulator	MSOP-10	√			
Texas Instrument	TPS51100DGQ	RT9026GQW(PQW)	DDR terminator	DDR Termination Regulator	DFN-10L			√	
Texas Instrument	TPS51100DGQ	RT9026GSP(PSP)	DDR terminator	DDR Termination Regulator	SOP-8				√

Manufacturer	Manufacturer part number	Richtek part number	Product category	Description	Package	B2B	P2P	B	F
Texas Instrument	TPS51100DGQ	RT9026GFP(PFP)	DDR terminator	DDR Termination Regulator	MSOP-10	√			
Texas Instrument	TPS51100DGQ	RT9026GQW(PQW)	DDR terminator	DDR Termination Regulator	DFN-10L			√	
Texas Instrument	TPS51100DGQ	RT9026GSP(PSP)	DDR terminator	DDR Termination Regulator	SOP-8				√
Texas Instrument	TPS51116RGE	RT8207LGQW(ZQW)	Step-Down DC/DC Converter	Complete DDRII/DDRIII Memory Power Supply Controller.	QFN-24L			√	
Texas Instrument	TPS51117RGYR	RT8209MZQW	Single Buck	Single Synchronous Buck Controller	WQFN-14L-3.5x3.5		√		
Texas Instrument	TPS51125RGER	RT8205AGQW	power supply controller	High Efficiency, Main Power Supply Controllers for Notebook Computers	WQFN-24L 4x4		√		
Texas Instrument	TPS51125RGER	RT8205BGQW	power supply controller	High Efficiency, Main Power Supply Controllers for Notebook Computers	WQFN-24L 4x4		√		
Texas Instrument	TPS51125RGER	RT8205CGQW	power supply controller	High Efficiency, Main Power Supply Controllers for Notebook Computers	WQFN-24L 4x4		√		
Texas Instrument	TPS51125RGER	RT8205LZQW	System Buck	High Efficiency, Main Power Supply Controller	WQFN-24L-4x4		√		
Texas Instrument	TPS51123RGER	RT8223LZQW	System Buck	High Efficiency, Main Power Supply Controller	WQFN-24L-4x4		√		
Texas Instrument	TPS51200DRC	RT9040GQW(ZQW)	DDR terminator	DDR Termination Regulator	DFN-10L	√			
Texas Instrument	TPS51200DRC	RT9062AGQW	Source/Sink DDR Termination Regulator	3A DDR VTT LDO	WDFN-10L 3x3	√			
Texas Instrument	TPS51211DSCR	RT8237AZQW	Single Buck	High Efficiency Single Synchronous Buck PWM Controller	WDFN-10L-3x3		√		
Texas Instrument	TPS51217DSCR	RT8208AZQW	Single Buck	2Bits VID, High Efficiency Single Synchronous Buck PWM Controller	WQFN-16L-3x3		√		
Texas Instrument	TPS51218DSCR	RT8237AZQW	Step-Down DC/DC Converter	High Efficiency Single Synchronous Buck PWM Controller	WDFN-10L-3x3		√		
Texas Instrument	TPS51427RHB	RT8206AGQW	Power Supply Controllers	High Efficiency, Main Power Supply Controllers for Notebook Computers	WQFN-5x5-32		√		
Texas Instrument	TPS51427RHB	RT8206BGQW	Power Supply Controllers	High Efficiency, Main Power Supply Controllers for Notebook Computers	WQFN-5x5-32		√		
Texas Instrument	TPS54325PWP	RT7275GCP	Step-Down DC/DC Converter	3A, 18V, 700kHz ACOTTM Synchronous Step-Down Converter	HTSSOP-14	√			
Texas Instrument	TPS54225PWP	RT7279GCP	Step-Down DC/DC Converter	2A, 18V, 700kHz ACOTTM Synchronous Step-Down Converter	HTSSOP-14	√			
Texas Instrument	TPS54226PWP	RT7280GCP	Step-Down DC/DC Converter	2A, 18V, 700kHz ACOTTM Synchronous Step-Down Converter(PSM)	HTSSOP-14	√			
Texas Instrument	TPS54227DDA	RT7281GSP	Step-Down DC/DC Converter	2A, 18V, 700kHz ACOTTM Synchronous Step-Down Converter	SOP-8	√			



Manufacturer	Manufacturer part number	Richtek part number	Product category	Description	Package	B2B	P2P	B	F
Texas Instrument	TPS54228DDA	RT7274GSP	Step-Down DC/DC Converter	2A, 18V, 700kHz ACOTTM Synchronous Step-Down Converter(PSM)	SOP-8	√			
Texas Instrument	TPS54319RTE	RT8079GQW	Step-Down DC/DC Converter	2.95V to 6V Input, 3A Output, 2MHz, Synchronous Step-Down Converter	WQFN-16L	√			
Texas Instrument	TPS54326PWP	RT7276GCP	Step-Down DC/DC Converter	3A, 18V, 700kHz ACOTTM Synchronous Step-Down Converter(PSM)	HTSSOP-14	√			
Texas Instrument	TPS54327DDA	RT7277GSP	Step-Down DC/DC Converter	3A, 18V, 700kHz ACOTTM Synchronous Step-Down Converter	SOP-8	√			
Texas Instrument	TPS54328DDA	RT7278GSP	Step-Down DC/DC Converter	3A, 18V, 700kHz ACOTTM Synchronous Step-Down Converter(PSM)	SOP-8	√			
Texas Instrument	TPS54425PWP	RT7231GCP	Step-Down DC/DC Converter	4A, 18V, 700kHz ACOTTM Synchronous Step-Down Converter	HTSSOP-14	√			
Texas Instrument	TPS54426PWP	RT7232GCP	Step-Down DC/DC Converter	4A, 18V, 700kHz ACOTTM Synchronous Step-Down Converter(PSM)	HTSSOP-14	√			
Texas Instrument	TPS54427DDA	RT7233GSP	Step-Down DC/DC Converter	4A, 18V, 700kHz ACOTTM Synchronous Step-Down Converter	SOP-8	√			
Texas Instrument	TPS54428DDA	RT7234GSP	Step-Down DC/DC Converter	4A, 18V, 700kHz ACOTTM Synchronous Step-Down Converter(PSM)	SOP-8	√			
Texas Instrument	TPS54525PWP	RT7235GCP	Step-Down DC/DC Converter	5A, 18V, 700kHz ACOTTM Synchronous Step-Down Converter	HTSSOP-14	√			
Texas Instrument	TPS54526PWP	RT7236GCP	Step-Down DC/DC Converter	5A, 18V, 700kHz ACOTTM Synchronous Step-Down Converter(PSM)	HTSSOP-14	√			
Texas Instrument	TPS54527DDA	RT7239GSP	Step-Down DC/DC Converter	5A, 18V, 700kHz ACOTTM Synchronous Step-Down Converter	SOP-8	√			
Texas Instrument	TPS54528DDA	RT7240GSP	Step-Down DC/DC Converter	5A, 18V, 700kHz ACOTTM Synchronous Step-Down Converter(PSM)	SOP-8	√			
Texas Instrument	TPS54620RGY	RT2856GQW	Step-Down DC/DC Converter	6A,18V Current Mode Buck Converter (3-T)	WQFN-14	√			
Texas Instrument	TPS54620RGY	RT7243GQW	Step-Down DC/DC Converter	6A,18V Current Mode Buck Converter	WQFN-14		√		
Texas Instrument	TPS54623RHL	RT7298AHGQW	Step-Down DC/DC Converter	6A,18V Current Mode Buck Converter Light Load Efficiency	WQFN-14	√			
Texas Instrument	TPS54622RHL	RT7298BHGQW	Step-Down DC/DC Converter	6A,18V Current Mode Buck Converter with Hiccup Current Limit	WQFN-14		√		
Texas Instrument	TPS54821RHL	RT7299BHGQW	Step-Down DC/DC Converter	8A,18V Current Mode Buck Converter with Hiccup Current Limit	WQFN-14	√			
Texas Instrument	TPS62220DDC	RT8009GJ5(PJ5)	Step-Down DC/DC Converter	1.25MHz, 600mA, High Efficiency PWM Step-Down DC/DC Converter	TSOT-23-5	√			
Texas Instrument	TPS62220DDC	RT8009GB(PB)	Step-Down DC/DC Converter	1.25MHz, 600mA, High Efficiency PWM Step-Down DC/DC Converter	SOT-23-5	√			

Manufacturer	Manufacturer part number	Richtek part number	Product category	Description	Package	B2B	P2P	B	F
Texas Instrument	TPS62220DDC	RT8010/RT8010A	Step-Down DC/DC Converter	1.5MHz, 1A, High Efficiency PWM Step-Down DC/DC Converter	WQFN-6L			✓	
Texas Instrument	TPS62221DDC	RT8009-15GB	Step-Down DC/DC Converter	1.25MHz, 600mA, High Efficiency PWM Step-Down DC/DC Converter	SOT-23-5		✓		
Texas Instrument	TPS62222DDC	RT8009-18GB	Step-Down DC/DC Converter	1.25MHz, 600mA, High Efficiency PWM Step-Down DC/DC Converter	SOT-23-5		✓		
Texas Instrument	TPS62227DDC	RT8009-12GB	Step-Down DC/DC Converter	1.25MHz, 600mA, High Efficiency PWM Step-Down DC/DC Converter	SOT-23-5		✓		
Texas Instrument	TPS62410DRV	RT8056GQW	Step-Down DC/DC Converter	Dual 1A 1.5MHz Synchronous Step-Down Converters	WDFN-10L 3x3		✓		
Texas Instrument	TPS65251RHA	RT7273GQW	Step-Down DC/DC Converter	3-CH, 18V, Synchronous Step-Down Converter	WQFN-40L 6x6	✓			
Texas Instrument	TPS65281RGV	RT7249GQW	Step-Down DC/DC Converter	3A, 18V Synchronous Step-Down Converter with Adjustable Current Limited Power Switch	WQFN-16L	✓			
Texas Instrument	TPS62590DRV	RT8010GQW	Step-Down DC/DC Converter	1.5MHz, 1A, High Efficiency PWM Step-Down DC/DC Converter	WQFN-6L				✓
Texas Instrument	TPS62560DRV	RT8057GQW	Step-Down DC/DC Converter	2.25MHz 1A Synchronous Step-Down Converter	WDFN-6SL 2x2		✓		
Texas Instrument <sup>[1]</sup>	TPS736xxDBV	RT9013-xxGB	Linear Regulator	500mA, Low Dropout, Low Noise Ultra-Fast Without Bypass Capacitor CMOS LDO Regulator	SOT-23-5	✓			
Texas Instrument	TPS73601DDC	RT9043GB	Linear Regulator	High PSRR, Low Dropout, 400mA Adjustable LDO Regulator	SOT-23-5		✓		
Texas Instrument	TPS73616DBV	RT9043GB	Linear Regulator	400mA adjustable LDO	SOT-23-5	✓			
Texas Instrument	TPS73701DCQ	RT9047GG5	Linear Regulator	1A, 5.5V LDO, Adjustable Output	SOT-223-5	✓			
Texas Instrument	TPS76330DBV	RT9198/AxxPB	Linear Regulator	300mA, Low Noise, Ultra-Fast CMOS LDO Regulator	SOT-23-5	✓			
Texas Instrument	TPS79601DRB	RT9187GQV	Linear Regulator	1A, 5.5V LDO, Adjustable Output	VDFN-8L 3x3	✓			
Texas Instrument <sup>[1]</sup>	TPS799xxDDC	RT9193xxGJ5	Linear Regulator	300mA, Ultra-Low Noise, Ultra-Fast CMOS LDO Regulator	TSOT-23-5	✓			
Texas Instrument <sup>[1]</sup>	TPS799xxQDDC	RT9193-xxGB	Linear Regulator	300mA, Ultra-Low Noise, Ultra-Fast CMOS LDO Regulator	SOT-23-5	✓			
Texas Instrument	TPS799xxQDDC	RT9198-15GBR	Linear Regulator	300mA, Low Noise, Ultra-Fast CMOS LDO Regulator	SC-70-5	✓			
Texas Instrument	TPS92310DGS	RT7302GS	AC/CC single stage PSR with High PFC LED Driver	Primary-Side-Regulation LED Driver Controller with Active PFC, Flyback/Buck-boost controller	SOP-8				✓
Texas Instrument	TPA2010D1YZF	RT9101CWS	Audio Amplifier	2.65W Class D Audio Power Amplifier	WL-CSP-9B	✓			
Texas Instrument	TPA3110D2PWP	RT9108NZCP	Audio Amplifier	15W Stereo Class D Audio Power Amplifier	TSSOP-28		✓		
Texas Instrument	TPA3110D2PWP	RT9108NBGCP	Audio Amplifier	15W Stereo Class D Audio Power Amplifier	TSSOP-28		✓		



Manufacturer	Manufacturer part number	Richtek part number	Product category	Description	Package	B2B	P2P	B	F
Texas Instrument	TPA3113D2PWP	RT9108NLZCP	Audio Amplifier	10W Stereo Class D Audio Power Amplifier	TSSOP-28		√		
Texas Instrument <sup>(1)</sup>	TLV712xxDBV	RT9030A-xxGB	Linear Regulator	300mA, Low Input Voltage, Low Dropout, Low Noise Ultra-Fast Without Bypass Capacitor CMOS LDO Regulator	SOT-23-5		√		
Texas Instrument <sup>(1)</sup>	TLV700xxDDC	RT9030A-xxGB	Linear Regulator	300mA, Low Input Voltage, Low Dropout, Low Noise Ultra-Fast Without Bypass Capacitor CMOS LDO Regulator	SOT-23-5		√		
Texas Instrument	BQ24020	RT9502GQW	Battery charger	Linear Single Cell Li-Ion Battery Charger IC with Dual Input Supply	WDFN-10L 3x3		√		
Texas Instrument	LM1117	RT9164A	Linear Regulator	1A Fixed and Adjustable Low Dropout Positive Voltage Regulators	SOT-223/TO-252/TO-263	√			
Texas Instrument	LM2736	RT8259GE	Step-Down DC/DC Converter	1.2A, 24V, 1.4MHz Step-Down Converter	SOT-23-6		√		
Texas Instrument	LM3670MF-3.3	RT8008-33GB	Step-Down DC/DC Converter	1.5MHz, 600mA, High Efficiency PWM Step-Down DC/DC Converter	SOT-23-5		√		
Texas Instrument <sup>(1)</sup>	LMS5213	RT9198-xxGU5	Linear Regulator	300mA, Low Noise, Ultra-Fast CMOS LDO Regulator	SC-70-5	√			
Texas Instrument <sup>(1)</sup>	LMS5213	RT9198A-xxGU5	Linear Regulator	300mA, Low Noise, Ultra-Fast CMOS LDO Regulator (A:EN active high)	SC-70-5	√			
Texas Instrument	LMV654MT	RT9134GC	Operational Amplifier	Rail-to-Rail Quad Operational Amplifier	TSSOP-4		√		
Texas Instrument <sup>(1)</sup>	LP2985AIM5-xx	RT9193-xxGB	Linear Regulator	300mA, Ultra-Low Noise, Ultra-Fast CMOS LDO Regulator	SOT-23-5		√		
Texas Instrument <sup>(1)</sup>	LP3981ILD-xx	RT9193-xxGQW	Linear Regulator	300mA, Ultra-Low Noise, Ultra-Fast CMOS LDO Regulator	WDFN-6L 2x2		√		
Texas Instrument	REG710NA	RT9361AGE	Charge Pump	Tiny Package, High Performance, Regulated Charge Pump	SOT-23-6		√		
Texas Instrument	REG710NA	RT9361BGE	Charge Pump	Tiny Package, High Performance, Regulated Charge Pump	SOT-23-6		√		
Torex <sup>(1)</sup>	XC62FPxx02MR	RT9058-xxGVL	Linear Regulator	36V, 2μA IQ, 100mA Low Dropout Voltage Linear	SOT-23-3(L)	√			
Torex <sup>(1)</sup>	XC6206Pxx2MR	RT9058-xxGVL	Linear Regulator	36V, 2μA IQ, 100mA Low Dropout Voltage Linear Regulator	SOT-23-3(L)	√			
Torex <sup>(1)</sup>	XC6202Pxx2MR	RT9058-xxGVL	Linear Regulator		SOT-23-3(L)	√			
Torex <sup>(1)</sup>	XC6206PxxxMR	RT9063-xxGV	Linear Regulator	1μA IQ, 250mA Low-Dropout Linear Regulator	SOT-23-3	√			
Torex <sup>(1)</sup>	XC6209Exx2MR	RT9030A-xxGB	Linear Regulator	300mA, Low Input Voltage, Low Dropout, Low Noise Ultra-Fast Without Bypass Capacitor CMOS LDO Regulator	SOT-23-5	√			
Torex <sup>(1)</sup>	XC6209Fxx2MR	RT9030A-xxGB	Linear Regulator	1.25MHz, 600mA, High Efficiency PWM Step-Down DC/DC Converter	SOT-23-5	√			
Torex <sup>(1)</sup>	XC6221Axx2MR	RT9030A-xxGB	Linear Regulator		SOT-23-5	√			
Torex <sup>(1)</sup>	XC6221Bxx2MR	RT9030A-xxGB	Linear Regulator		SOT-23-5	√			

Torex <sup>[1]</sup>	XC9216	RT8009-xxGB	Step-Down DC/DC Converter	1.25MHz, 600mA, High Efficiency PWM Step-Down DC/DC Converter	SOT-23-5		√		
Torex <sup>[1]</sup>	XC9225AxxCMR	RT8009-xxGB	Step-Down DC/DC Converter		SOT-23-5		√		
Torex <sup>[1]</sup>	XC9225ExxCMR	RT8009-xxGB	Step-Down DC/DC Converter		SOT-23-5		√		
Torex <sup>[1]</sup>	XC9235AxxCMR	RT8009-xxGB	Step-Down DC/DC Converter		SOT-23-5		√		
Torex <sup>[1]</sup>	XC9236AxxCMR	RT8009-xxGB	Step-Down DC/DC Converter		SOT-23-5		√		

Note: <sup>[1]</sup> xx= output voltage levels