

For more information please click on Part No.

Step Down DC to DC converter

Part No.	Input Voltage	Output Current	Frequency	V _{OUT} Min.	V _{OUT} Max.	Current Limit	I _{ShutDown}	I _Q	Package
HT7465	24V	2A	380kHz	0.92V	20V	3.4A	20μA	1.1mA	8SOP
HT7466	24V	3A	380kHz	1.23V	20V	4.3A	20μA	1.1mA	8SOP

Asynchronous Step-up Converter

Part No.	Input	Output	Output	Switching	Typical Current	Typical	Package
	Voltage	Voltage	Current	Frequency (kHz)	Consumption I _{DD2} (μA)	Efficiency	
HT77xx	0.7V~6.0V	1.8V/2.2V	100mA	115	4	80%	TO92, SOT23, SOT23-5, SOT89
		2.7V/3.0V/3.3V /3.7V/5.0V				85%	
HT77xxA	0.7V~6.0V	2.7V/3.0V/3.3V /5.0V	200mA	200	5	85%	TO92, SOT23, SOT23-5, SOT89

Note: The XX in the part number is the output voltage.

Synchronous Step-up Converter

Part No.	Input	Output	Output	Switching	Typical Current	Typical	Package
	Voltage	Voltage	Current	Frequency (kHz)	Consumption I _{DD2} (μA)	Efficiency	
HT77xxS	0.7V~6.0V	1.8V/2.2V	100mA	500	4	80%	TO92, SOT23, SOT23-5, SOT89
		2.7V/3.0V/3.3V /3.7V/5.0V				85%	
HT77xxSA	0.7V~6.0V	2.7V/3.0V/3.3V /5.0V	200mA	500	4	85%	TO92, SOT23, SOT23-5, SOT89

Note: The XX in the part number is the output voltage.

Part No.	Input	Output	Typical Output Current (V _{IN} =2.0V)	Typical Quiescent Consumption (μA)	Efficiency	Package
	Voltage	Voltage				
HT77S10	0.7V~5.5V	Adj. 3.3V, 5.0V	Vo=5.0V, Io=230mA Vo=3.3V, Io=350mA	20	91%	8MSOP/SOP
HT77S11	0.7V~5.5V	Adj. 3.3V, 5.0V	Vo=5.0V, Io=160mA Vo=3.3V, Io=300mA	20	91%	8MSOP/SOP

Charge Pumps

Part No.	VDD	Conversion	Typical Output	Typical Standby	Output	Package
		Voltage	Current (mA)	Current (μA)	Impedance	
HT7660	3V~12V	VDD~-VDD	20	80	60Ω	8DIP/SOP