

Features:

- 1:1 Transformer on output
- Power Supply 3V (±1.5V) to 5V (±2.5V)
- Decoupling capacitors
- Input and output connectors via SMA connectors
- Power connectors via banana jack

418894

	Order Code	Price Each
THS4509 Evaluation Module	996-9110	3,745.00

THS61020 Evaluation Module



This Evaluation Tool is for the TPS61020 inductive step-up converter. It can supply voltages up to 5.5V from a 0.9V to 6.5V input featuring an LDO down-mode regulating the output voltage even if the input voltage exceeds the output voltage level. The TPS61020EVM-025 uses a TPS61020 adjustable output step-up converter and external components to provide a 3.3V output voltage. The feedback components can be replaced to generate other voltages. This EVM can also be used to evaluate other options in the TPS6102x family.

418919

	Order Code	Price Each
TPS61020 Evaluation Module	996-9179	3,745.00

TPS2375 Evaluation Module



The TPS2375EVM Evaluation Module for the TPS2375 is designed to look like the front end of any Power Over Ethernet (PoE) Powered Device Module. An RJ-45 connector connects directly to an ethernet cable with a Power Sourcing Equipment (PSE) driving it on the other end.

Features:

- Input and Output Capacitors
- Gigabit Ethernet Application
- Dual DUT Footprint
- Power-Good Indicator LED
- Connection for Downstream DC/DC Converter



418912

	Order Code	Price Each
TPS2375 Evaluation Module	996-9152	3,745.00

Synchronous Buck Converters



EN5310DC-E

A range of 1A, 3A and 6A Voltage Mode Synchronous Buck PWM DC-DC Converters and Evaluation Boards. These products are designed to meet the precise voltage and fast-transient requirements of high-performance, low-power processor, DSP, FPGA, memory boards and system level applications.

Features:

- Ultra-High Switching Frequency
- Programmable soft-start time
- Programmable over-current protection
- Thermal shutdown, short circuit, over-voltage and under-voltage protection
- 5MHz Operating Frequency
- More than 90% efficient
- Input voltage range: 2.375V to 5.5V
- Adjustable Output voltage range: 0.8V to 3.3V



418333

Pins	Package	Description	Mfrs. List No.	Order Code	1+	10+	100+
36	DFN	1A Voltage Mode Synchronous Buck PWM DC-DC Converter	EN5310DC	108-1908	665.00	484.00	412.00
36	DFN	3A Voltage Mode Synchronous Buck PWM DC-DC Converter	EN5330DC	108-1909	740.00	555.00	474.00
48	DFN	6A Voltage Mode Synchronous Buck PWM DC-DC Converter	EN5360DC	108-1910	1,260.00	945.00	808.00
-	-	EN5310DC-E Evaluation Board	EN5310DC-E	108-1911	10,371.00	-	-
-	-	EN5330DC-E Evaluation Board	EN5330DC-E	108-1912	10,371.00	-	-
-	-	EN5360DC-E Evaluation Board	EN5360DC-E	108-1914	10,371.00	-	-

Simple Switcher Voltage Regulators



LM2594/LM2597 families :- The complete DC to DC converter circuit size is reduced by approximately 50% compared to the original LM257X Series.

LM2597 family also offers :- shutdown, soft-start and error flag. (BUCK=Step-Down, FLYBACK/BOOST=Step-Up)

414421

	Pins	Pkg	Input Voltage (V)	Output Voltage (V)	Output Current (A)	Application	Mfrs. List No.	Order Code	1+	25+	100+
2574	8	DIL	4 to 60	1.23 to 57	0.5	BUCK	LM2574HVN-ADJ	948-9932	273.00	198.00	149.00
2574	8	DIL	4 to 60	5	0.5	BUCK	LM2574HVN-5.0	948-9916	273.00	198.00	149.00
2574	14	SOIC	4 to 40	1.23 to 37	0.5	BUCK	LM2574M-ADJ	948-9924	139.00	98.00	72.00
2574	14	SOIC	8 to 40	5	0.5	BUCK	LM2574M-5.0	948-9908	139.00	98.00	72.00
2574	8	DIL	14 to 40	12	0.5	BUCK	LM2574N12	271-135	139.00	98.00	72.00
2574	8	DIL	14 to 40	12	0.5	BUCK	LM2574N-12	948-6046	139.00	98.00	72.00
2574	8	DIL	5 to 40	3.3	0.5	BUCK	LM2574N33	596-826	139.00	98.00	72.00
2574	8	DIL	5 to 40	3.3	0.5	BUCK	LM2574N-3.3	949-3530	139.00	98.00	72.00
2574	8	DIL	7 to 40	5	0.5	BUCK	LM2574N50	270-830	139.00	98.00	72.00
2574	8	DIL	7 to 40	5	0.5	BUCK	LM2574N-5.0	121-4540	139.00	98.00	72.00
2574	8	DIL	4.5 to 40	3.3	0.5	BUCK	LM2574N-ADJ	948-5996	139.00	98.00	72.00
2575	5	TO-220	4 to 60	1.23 to 57	1	BUCK	LM2575HVT-ADJ	948-9843	293.00	213.00	180.00
2575	5	TO-220	4 to 60	12	1	BUCK	LM2575HVT-12	948-9894	293.00	213.00	170.00
2575	5	TO-220	4 to 60	15	1	BUCK	LM2575HVT-15	412-5654	293.00	213.00	170.00
2575	5	TO-220	4 to 60	15	1	BUCK	LM2575HVT-15	948-9886	293.00	213.00	160.00
2575	5	TO-220	4 to 60	5	1	BUCK	LM2575HVT-5.0	948-9851	293.00	213.00	170.00
2575	24	SOIC	7 to 40	5	1	BUCK	LM2575M50	594-623	141.00	105.00	79.00
2575	24	SOIC	7 to 40	5	1	BUCK	LM2575M-5.0	949-3441	141.00	105.00	79.00
2575	24	SOIC	4.5 to 40	1.23 to 37	0.5	BUCK	LM2575M-ADJ	949-3450	141.00	105.00	79.00
2575	16	DIL	7 to 40	5	1	BUCK	LM2575N-5.0	948-6054	194.00	141.00	112.00
2575	5	TO-263	4 to 40	1.23 to 37	1	BUCK	LM2575S-ADJ	412-5642	163.00	118.00	89.00
2575	5	TO-263	4 to 40	1.23 to 37	1	BUCK	LM2575S-ADJ	948-9878	163.00	118.00	100.00
2575	5	TO-263	4 to 40	3.3	1	BUCK	LM2575S-3.3	822-1944	163.00	118.00	89.00
2575	5	TO-263	4 to 40	5	1	BUCK	LM2575S-5.0	948-9860	163.00	118.00	94.00
2575	5	TO-220	14 to 40	12	1	BUCK	LM2575T-12	948-8073	141.00	105.00	89.00
2575	5	TO-220	17 to 40	15	1	BUCK	LM2575T-15	948-8081	141.00	105.00	89.00
2575	5	TO-220	5 to 40	3.3	1	BUCK	LM2575T33	596-838	141.00	105.00	79.00
2575	5	TO-220	5 to 40	3.3	1	BUCK	LM2575T-3.3	949-3549	141.00	105.00	79.00
2575	5	TO-220	7 to 40	5	1	BUCK	LM2575T-5.0	948-8090	141.00	105.00	89.00
2575	5	TO-220	4.5 to 40	1.23 to 37	1	BUCK	LM2575T-ADJ	948-8103	141.00	105.00	79.00
2576	5	TO-220	14 to 40	12	3	BUCK	LM2576T-12	948-8111	180.00	131.00	104.00
2576	5	TO-220	17 to 40	15	3	BUCK	LM2576T-15	948-8120	180.00	131.00	104.00
2576	5	TO-220	6 to 40	3.3	3	BUCK	LM2576T33	596-840	180.00	131.00	104.00
2576	5	TO-220	6 to 40	3.3	3	BUCK	LM2576T-3.3	949-3557	180.00	131.00	98.00
2576	5	TO-220	7 to 40	5	3	BUCK	LM2576T-5.0	948-8138	180.00	131.00	104.00
2576	5	TO-220	4.5 to 40	1.23 to 37	3	BUCK	LM2576T-ADJ	948-8146	180.00	131.00	104.00

Semiconductors - Integrated Circuits

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Compliant Non-compliant + Limited stock - RoHS replacement available

RoHS