

60V Operative Non-Synchronous DC-DC Converters

High Input Voltage Step Down Switching Regulators

LM2575HV, LM2576HV, LM2596HV

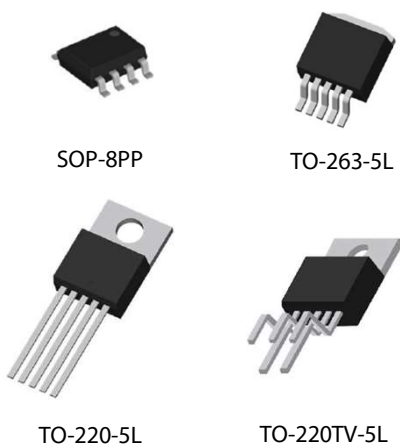
Features

- Wide Input Voltage Range : Up to 60V
- 3.3V, 5.0V, 12V, 15V and Adjustable Outputs
- Adjustable Output Voltage Range, 1.23V to 52V
- Guaranteed Output Current Capacity
- Requires only 4 External Components
- TTL Shutdown Capability & Low Power Standby
- High Efficiency
- Thermal Shutdown and Current Limit Protection

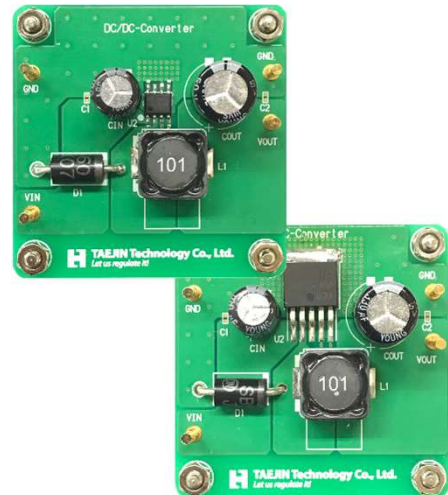
Applications

- Industrial Control Panel
- Merchant Network & Server PSU
- Test & Measurement Equipment
- Motor Drives
- Battery Management
- Appliances;
Air Purifier, Water Purifier/Dispenser

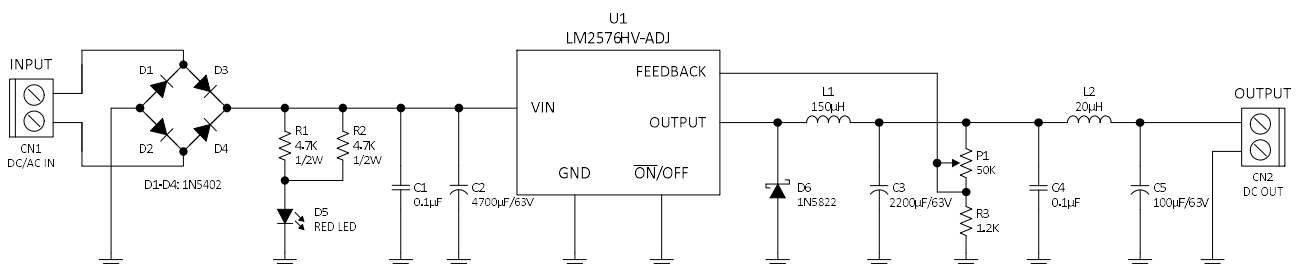
Various Packages for Diverse Market Demands



Efficient Footprint



Application Example - Adjustable Output Power Supply



Line-Up

Device Name	V _{OUT} [V]	V _{FB} [V]	V _{IN_MAX} [V]	I _{OUT_MAX} [A]	F _{SW} [KHz]	PKG
LM2575HV	ADJ/ 3.3/ 5.0/ 12	1.230	60	1.0	52	SOP-8PP/ TO-263-5L/ TO-220-5L/ TO-220TV-5L
LM2576HV	ADJ/ 3.3/ 5.0/ 12/ 15	1.230	60	3.0	52	
LM2596HV	ADJ/ 3.3/ 5.0/ 12/ 15	1.230	60	3.0	150	