

FAN65005A

PWM 65 V8 A

FAN65005A VIN MOSFET 4.5 V 65 V PWM 8 A FAN65005A 0.67% 100 kHz 1 MHz 6 x 6 mm PQFN

- Wide Input Voltage Range: 4.5 V to 65 V
 - Switching Frequency: 100 kHz to 1 MHz
 - 0.6 V Reference Voltage with 0.67% Accuracy
 - Selectable CCM PWM Mode or PFM Mode for Light Loads
 - Over Current Protection, Thermal Shutdown, Over Voltage Protection, Under Voltage Protection and Short-circuit Protection
 - Dual LDOs for Single Supply Operation and to Reduce Power Loss
 - External Compensation for Wide Operation Range
 - Adjustable Soft-Start & Pre-Bias Startup
 - Enable Function with Adjustable Input Voltage Under-Voltage-Lock-Out (UVLO)
 - Power Good Indicator
- For more features, see the data sheet
- Supports wide range of applications
 - Allows for optimization between size, efficiency, and maximum duty cycle
 - Maintain voltage accuracy
 - Best Efficiency at heavy loads and also at light loads
 - Fully protected against voltage, current and temperature faults
 - Improves efficiency by reducing power loss

- High Voltage POL Module
- Telecommunications
- Networking and Servers Systems, USB-PD
- Industrial Equipments
- Industrial Automation
- Computing
- Base Station Power Supplies
- Vending, ATM and Slot Machines
- Robotics

	Pricing (\$/Unit)	Compliance	Status	Topology	Control Mode	V _{CC} Min (V)	V _{CC} Max (V)	V _O Typ (V)	I _O Typ (A)	Efficiency (%)	f _{sw} Typ (kHz)	Package Type
FAN65005A	3.0311		Active	Step-Down	Voltage Mode	4.5	65	Adjustable	8	-	1000	PQFN-35