

	RT8859A		
Status	NRND		
Recommended Alternative (i)			
VID Table Support	VR12		
Number of Phases	1;4		
Vcc (typ) (V)	5		
Vin (min) (V)	10.8		
Vin (max) (V)	13.2		
Accuracy (Vout>=1V) (+/- %)	0.5		
Freq (typ) (kHz)	300		
Built-in DAC Generator	Yes		
Number of MOSFET Drivers	0		
Features	Adjustable Frequency;DCR Current Sense;Droop Control;Enable Input;OCP;OVP;Power Good		
Package Type	<u>WQFN7x7-56</u>		

Features

- 4/3/2/1 + 1 Phase PWM Controller
- Green-NAVPTM (Green Native Adaptive Voltage Positioning) Topology
- Serial VID Interface
- 0.5% DAC Accuracy
- Differential Remote Voltage Sensing
- · Built-in ADC for Platform Programming
- Accurate Current Balance
- System Thermal Compensated AVP
- · Diode Emulation Mode at Light Load Condition for Multiple and Single Phase
- Fast Transient Response
- VR12 / IMVP7 Compatible Power Management States
- · VR Ready Indicator
- · Thermal Throttling
- · Current Monitor Output
- Switching Frequency up to 1MHz per Phase
- OVP, NVP, UVP, OCP, UVLO
- Small 56-Lead WQFN Package
- · RoHS Compliant and Halogen Free

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