

## SG6841SZ

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### Highly-Integrated Green-Mode PWM Controller

#### Qualification Data

#### Test Standards:

- ? Moisture Sensitivity: 2
- ? Thermal Impedance: 141
- ? Physical Dimensions: SOIC
- ? ESD HBM: 3
- ? ESD MM: 250

Attribute	Value	UOM
<b>General Information</b>		
Device Marking(TOP MARK)	<a href="#">SG6841SZ</a> <a href="#">K&amp;60&amp;4&amp;Z</a>	
Family Code	0GD	
Package Type	<a href="#">SOIC</a>	
Package Description	008, PLASTIC MOLDED, SOIC-8 PKG, NARROW BODY, SMD (S1)	
Pin Count	8	
Maximum Reflow Temperature	260C	
<b>Restriction of Hazardous Substance</b>		
Standard Plating Finish	Matte Sn	
Base Metal/Leadframe Material	Copper,Iron,Zinc,Phosphorus,Silver	
Lead Pitch	1270	
Minimum Lead Spacing	760	
<b>Die Fabrication</b>		
Fabrication Process Identifier	SG6841C	
<b>Package Assembly*</b>		
Plating Finish Layer Thickness	8.0um - 13um	
Thermal Impedance (Theta JA)	141	°C/Watt
Moisture Sensitivity	2	
<b>Electrical Test</b>		
ESD Human Body Model (HBM)	3	V
ESD Machine Model (MM)	250	V

\*If an attribute is listed twice, either can be used on the part.