


## Driver 6-OUT High and Low Side 3-Phase Brdg 28-Pin SOIC W Tube

<b>Manufacturer:</b>	<a href="#">Infineon Technologies Corporation</a>
<b>Package/Case:</b>	1
<b>Product Type:</b>	Drivers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

EiceDRIVER 600 V three phase gate driver IC with typical 0.25 A source and 0.5 A sink currents in 28 Lead SOICWB package for IGBTs and MOSFETs. Also available in 28 Lead PDIP and 44 Lead PLCC.

### Key Features

- Floating channel designed for bootstrap operation
- Fully operational to +600 V
- Tolerant to negative transient voltage
- dV/dt immune
- Gate drive supply range from 10 to 20 V
- Undervoltage lockout for all channels
- Typical deadtime 2.5  $\mu$ s (IR2130)
- Typical deadtime 0.8  $\mu$ s (IR2132 ) option available
- Over-current shutdown turns off all six drivers
- Independent half-bridge drivers
- Matched propagation delay for all channels
- 2.5 V logic compatible
- Outputs out of phase with inputs
- Cross-conduction prevention logic

### Application

- 3D printers
- Home appliances
- Motor control and drives
- Power tools
- Robotics



## Recommended For You

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### **IR2111PbF**

Infineon Technologies Corporation  
DIP8

### **IRAMI36-1061A**

Infineon Technologies Corporation  
SIP-21

### **IR2103STRPBF**

Infineon Technologies Corporation  
SOP-8

### **IRAMS06UP60A**

Infineon Technologies Corporation  
MODULE

### **IRAMX16UP60B**

Infineon Technologies Corporation  
MODULE

### **IRAMS10UP60A-2**

Infineon Technologies Corporation  
MODULE

### **IR2117SPBF**

Infineon Technologies Corporation  
SOP-8

### **IR2104PBF**

Infineon Technologies Corporation  
DIP

### **IR2101SPBF**

Infineon Technologies Corporation  
SOP-8

### **IR2113STRPBF**

Infineon Technologies Corporation  
SOP-16

### **IR2153PBF**

Infineon Technologies Corporation  
DIP-8

### **IR2118PBF**

Infineon Technologies Corporation  
DIP-8

### **IR2304SPBF**

Infineon Technologies Corporation  
SOP-8

### **IR2520DSTRPBF**

Infineon Technologies Corporation  
SOP-8

### **IRS44273LIRPBF**

Infineon Technologies Corporation  
SOT-23