

# 1SP0635D2S1-33

Quote

#### 1SP0635D2S1-33 Information

Heisener.com Detailerses samter	Part Number	1SP0635D2S1-33	
	Manufacturer	Power Integrations	in secu
	Category	Integrated Circuits (ICs) PMIC - Gate Drivers	
	Description	IC SINGLE GATE DRIVER 35A	16443
	Package	-	- 2903
		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a G

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## 1SP0635D2S1-33 Specifications

Manufacturer Part NumberISP0635D2S1-33ManufacturerPower IntegrationsCategoryIntegrated Circuits (ICs)Package-Package-SeriesSCALE?-2Driven ConfigurationHigh-Side or Low-SideChannel TypeSingleNumber of Drivers1Gate TypeIGBTVoltage - Supply14.5 V ~ 15.5 VLogic Voltage - VIL, VIH-Logic Voltage - Max (Bootstrap)3300VRigh-Fall Time (Typ)9ns, 30nsOperating Type-40°C ~ 85°C (TA)Mounting Type-Ander Supple Case-Spleir Device Package-Stakey Case-Suppler Device Package-Suppler Device Package<	-	
CategoryIntegrated Circuits (ICs) PMIC - Gate DriversPackage-SeriesSCALE?-2Driven ConfigurationHigh-Side or Low-SideChanel TypeSingleNumber of Drivers1Gate TypeIGBTVoltage - Supply14.5 V ~ 15.5 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)35A, 35AInput Type-High Side Voltage - Max (Boostrap)SingleOperating Temperature-Operating Temperature-Mounting Type-Shage / Case-Supplier Device Package-Supplier Device Package-Supplier Device Package-Supplier Device Package-Supplier Device Package-Supplier Device Package-	Manufacturer Part Number	1SP0635D2S1-33
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SeriesSCALE?-2Driven ConfigurationHigh-Side or Low-SideChannel TypeSingleNumber of Drivers1Gate TypeIGBTVoltage - Supply14.5 V~15.5 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)35A, 35AInput Type-High Side Voltage - Max (Bootstrap)3300VRise / Fall Time (Typ)9ns, 30nsOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Stakage / Case-Supplier Device Package-		PMIC - Gate Drivers
Driven ConfigurationHigh-Side or Low-SideChannel TypeSingleNumber of Drivers1Gate TypeIGBTVoltage - Supply14.5 V ~ 15.5 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)35A, 35AInput Type-High Side Voltage - Max (Bootstrap)SingleRise / Fall Time (Typ)9ns, 30nsOperating Temperature-40°C ~ 85°C (TA)Nounting Type-Supplier Device Package-Supplier Device Package-Supplier Device Package-Supplier Device Package-Supplier Device Package-Supplier Device Package-	Package	-
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Number of Drivers1Gate TypeIGBTVoltage - Supply14.5 V ~ 15.5 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)35A, 35AInput Type-High Side Voltage - Max (Bootstrap)3300VRise / Fall Time (Typ)9ns, 30nsOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Driven Configuration	High-Side or Low-Side
Gate TypeIGBTVoltage - Supply14.5 V~15.5 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)35A, 35AInput Type-High Side Voltage - Max (Bootstrap)300VRise / Fall Time (Typ)9ns, 30nsOperating Temperature-Mounting Type-Package / Case-Supplier Device Package-Supplier Device Package-	Channel Type	Single
Yoltage - Supply14.5 V ~ 15.5 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)35A, 35AInput Type-High Side Voltage - Max (Bootstrap)3300VRise / Fall Time (Typ)9ns, 30nsOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Number of Drivers	1
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Input Type -   High Side Voltage - Max (Bootstrap) 3300V   Rise / Fall Time (Typ) 9ns, 30ns   Operating Temperature -40°C ~ 85°C (TA)   Mounting Type -   Package / Case -   Supplier Device Package -	Logic Voltage - VIL, VIH	-
High Side Voltage - Max (Bootstrap)3300VRise / Fall Time (Typ)9ns, 30nsOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Current - Peak Output (Source, Sink)	35A, 35A
Rise / Fall Time (Typ)9ns, 30nsOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-Composition of the package- <td>Input Type</td> <td>-</td>	Input Type	-
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-Supplier Device Package-	High Side Voltage - Max (Bootstrap)	3300V
Mounting Type-Package / Case-Supplier Device Package	Rise / Fall Time (Typ)	9ns, 30ns
Package / Case-Supplier Device Package-Supplier Device Package-	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package -	Mounting Type	-
	Package / Case	-
Report errors?	Supplier Device Package	-
		Report errors?

#### 1SP0635D2S1-33 Guarantees



Quality Guarantees

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# SERVICE BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### 1SP0635D2S1-33 Payment Methods



## 1SP0635D2S1-33 Shipping Methods



If you have any question about 1SP0635D2S1-33, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com