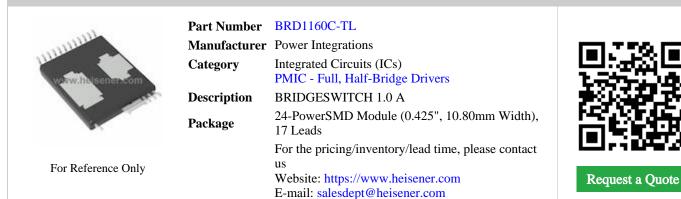


# BRD1160C-TL

## **BRD1160C-TL Information**



# **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.



# **BRD1160C-TL Specifications**

Anufacturer Power Integrations   Integrated Circuits (ICs) PMIC - Full, Half-Bridge Drivers   Package 24-PowerSMD Module (0.425", 10.80mm Width), 17 Leads   Series BridgeSwitch   Output Configuration Half Bridge   Applications DC Motors, General Purpose   Interface Analog, Logic, PWM   Load Type Capacitive and Resistive   Technology -   Rds On (Typ) 6.840hm LS, 6.840hm HS   Current - Output / Channel IA   Current - Peak Output -   Voltage - Supply 50V   Voltage - Load -   Pertures Bootstrap Circuit   Features Bootstrap Circuit   Fault Protection Current Limiting, Over Temperature, Over Voltage   Mounting Type Surface Mount   Package / Case 24-PowerSMD Module (0.425", 10.80mm Width), 17 Leads		
CategoryIntegrated Circuits (ICs)PMIC - Full, Half-Bridge DriversPackage24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSeriesBridgeSwitchOutput ConfigurationHalf BridgeApplicationsDC Motors, General PurposeInterfaceAnalog, Logic, PWMLoad TypeCapacitive and ResistiveTechnology-Rds On (Typ)6.840hm LS, 6.840hm HSCurrent - Output / Channel1ACurrent - Peak Output-Voltage - Supply50VVoltage - Load-Operating Temperature-40°C ~ 150°C (TJ)FeaturesBootstrap CircuitFeaturesSourset CircuitFeaturesSurface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Manufacturer Part Number	BRD1160C-TL
PMIC - Full, Half-Bridge DriversPackage24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSeriesBridgeSwitchOutput ConfigurationHalf BridgeApplicationsDC Motors, General PurposeInterfaceAnalog, Logic, PWMLoad TypeCapacitive and ResistiveTechnology-Rds On (Typ)6.840hm LS, 6.840hm HSCurrent - Output / Channel1ACurrent - Output / Channel1ACurrent - Peak Output-Voltage - Supply50VVoltage - Load-Operating Temperature-40°C ~ 150°C (TJ)FeaturesBootstrap CircuitFault ProtectionCurrent Limiting, Over Temperature, Over VoltageMounting TypeSurface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Manufacturer	Power Integrations
Package24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSeriesBridgeSwitchOutput ConfigurationHalf BridgeApplicationsDC Motors, General PurposeInterfaceAnalog, Logic, PWMLoad TypeCapacitive and ResistiveTechnology-Rds On (Typ)6.84Ohm LS, 6.84Ohm HSCurrent - Output / Channel1ACurrent - Peak Output-Voltage - Supply50VVoltage - Load-Poerating Temperature40°C ~ 150°C (TJ)FeaturesBootstrap CircuitFaut ProtectionCurrent Limiting, Over Temperature, Over VoltageMounting TypeSurface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Category	Integrated Circuits (ICs)
SeriesBridgeSwitchOutput ConfigurationHalf BridgeApplicationsDC Motors, General PurposeInterfaceAnalog, Logic, PWMLoad TypeCapacitive and ResistiveTechnology-Rds On (Typ)6.84Ohm LS, 6.84Ohm HSCurrent - Output / ChannelIACurrent - Output / Channel-Voltage - Supply50VVoltage - Supply50VVoltage - Load-PeaturesBootstrap CircuitFeaturesBootstrap CircuitFaut ProtectionCurrent Limiting, Over Temperature, Over VoltageMounting TypeSuface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C		PMIC - Full, Half-Bridge Drivers
Output ConfigurationHalf BridgeApplicationsDC Motors, General PurposeInterfaceAnalog, Logic, PWMLoad TypeCapacitive and ResistiveTechnology-Rds On (Typ)6.840hm LS, 6.840hm HSCurrent - Output / ChannelIACurrent - Peak Output50VVoltage - Supply50VVoltage - Load-Operating Temperature9oostrap CircuitFeaturesBoostrap CircuitFault ProtectionCurrent Limiting, Over Temperature, Over VoltagePackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Package	24-PowerSMD Module (0.425", 10.80mm Width), 17 Leads
ApplicationsDC Motors, General PurposeInterfaceAnalog, Logic, PWMLoad TypeCapacitive and ResistiveTechnology-Rds On (Typ)6.84Ohm LS, 6.84Ohm HSCurrent - Output / Channel1ACurrent - Peak Output-Voltage - Supply50VVoltage - Load-Operating Temperature40°C ~ 150°C (TJ)FeaturesBootstrap CircuitFault ProtectionCurrent Limiting, Over Temperature, Over VoltageMounting TypeSurface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Series	BridgeSwitch
InterfaceAnalog, Logic, PWMLoad TypeCapacitive and ResistiveTechnology-Rds On (Typ)6.84Ohm LS, 6.84Ohm HSCurrent - Output / Channel1ACurrent - Peak Output-Voltage - Supply50VVoltage - Load-Operating Temperature-40°C ~ 150°C (TJ)FeaturesBootstrap CircuitFault ProtectionCurrent Limiting, Over Temperature, Over VoltageMounting TypeSurface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Output Configuration	Half Bridge
Load TypeCapacitive and ResistiveTechnology-Rds On (Typ)6.84Ohm LS, 6.84Ohm HSCurrent - Output / Channel1ACurrent - Peak Output-Voltage - Supply50VVoltage - Load-Operating Temperature40°C ~ 150°C (TJ)FeaturesBootstrap CircuitFault ProtectionCurrent Limiting, Over Temperature, Over VoltageMounting TypeSurface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Applications	DC Motors, General Purpose
Technology-Rds On (Typ)6.84Ohm LS, 6.84Ohm HSCurrent - Output / Channel1ACurrent - Peak Output-Voltage - Supply50VVoltage - Load-Operating Temperature-40°C ~ 150°C (TJ)FeaturesBootstrap CircuitFault ProtectionCurrent Limiting, Over Temperature, Over VoltageMounting TypeSurface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Interface	Analog, Logic, PWM
Rds On (Typ)6.84Ohm LS, 6.84Ohm HSCurrent - Output / Channel1ACurrent - Peak Output-Voltage - Supply50VVoltage - Load-Operating Temperature-40°C ~ 150°C (TJ)FeaturesBootstrap CircuitFault ProtectionCurrent Limiting, Over Temperature, Over VoltageMounting TypeSurface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Load Type	Capacitive and Resistive
Current - Output / Channel1ACurrent - Peak Output-Voltage - Supply50VVoltage - Load-Operating Temperature-40°C ~ 150°C (TJ)FeaturesBootstrap CircuitFault ProtectionCurrent Limiting, Over Temperature, Over VoltageMounting TypeSurface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Technology	-
Current - Peak Output-Voltage - Supply50VVoltage - Load-Operating Temperature-40°C ~ 150°C (TJ)FeaturesBootstrap CircuitFault ProtectionCurrent Limiting, Over Temperature, Over VoltageMounting TypeSurface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Rds On (Typ)	6.84Ohm LS, 6.84Ohm HS
Voltage - Supply50VVoltage - Load-Operating Temperature-40°C ~ 150°C (TJ)FeaturesBootstrap CircuitFault ProtectionCurrent Limiting, Over Temperature, Over VoltageMounting TypeSurface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Current - Output / Channel	1A
Voltage - Load-Operating Temperature-40°C ~ 150°C (TJ)FeaturesBootstrap CircuitFault ProtectionCurrent Limiting, Over Temperature, Over VoltageMounting TypeSurface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Current - Peak Output	-
Operating Temperature-40°C ~ 150°C (TJ)FeaturesBootstrap CircuitFault ProtectionCurrent Limiting, Over Temperature, Over VoltageMounting TypeSurface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Voltage - Supply	50V
FeaturesBootstrap CircuitFault ProtectionCurrent Limiting, Over Temperature, Over VoltageMounting TypeSurface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Voltage - Load	-
Fault ProtectionCurrent Limiting, Over Temperature, Over VoltageMounting TypeSurface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Operating Temperature	-40°C ~ 150°C (TJ)
Mounting TypeSurface MountPackage / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Features	Bootstrap Circuit
Package / Case24-PowerSMD Module (0.425", 10.80mm Width), 17 LeadsSupplier Device PackageInSOP-24C	Fault Protection	Current Limiting, Over Temperature, Over Voltage
Supplier Device Package InSOP-24C	Mounting Type	Surface Mount
	Package / Case	24-PowerSMD Module (0.425", 10.80mm Width), 17 Leads
	Supplier Device Package	InSOP-24C
Report errors?		Report errors?

### **BRD1160C-TL 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 Guarantees**

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

# **BRD1160C-TL Payment Methods**



# **BRD1160C-TL Shipping Methods**



If you have any question about BRD1160C-TL, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com