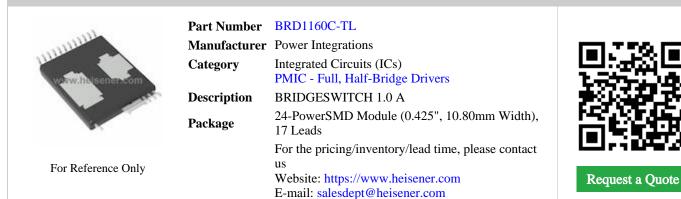


BRD1160C-TL

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