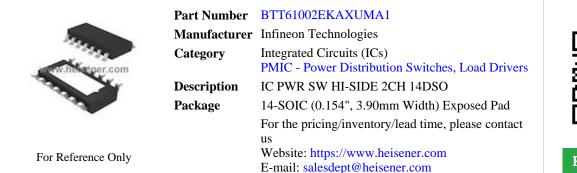


## BTT61002EKAXUMA1

#### **BTT61002EKAXUMA1 Information**





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#### **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.



#### **BTT61002EKAXUMA1 Specifications**

Manufacturer     Infineon Technologies       Manufacturer     Infineon Technologies       Category     Integrated Circuits (ICs)       PMIC - Power Distribution Switches, Load Drivers     Package       Package     14-SOIC (0.154", 3.90mm Width) Exposed Pad       Series     -       Switch Type     General Purpose       Number of Outputs     2       Ratio - Input:Output     1:1       Output Configuration     High Side       Output Type     N-Channel       Interface     On/Off       Voltage - Load     5 V ~ 36 V       Voltage - Supply (Vcc/Vdd)     Not Required       Current - Output (Max)     2.2A       Rds On (Typ)     100 mOhm       Input Type     Non-Inverting       Features     -       Fautres     - <t< th=""><th></th><th></th></t<>		
CategoryIntegrated Circuits (ICs)PMIC - Power Distribution Switches, Load DriversPackage14-SOIC (0.154", 3.90mm Width) Exposed PadSeries-Switch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load5 V ~ 36 VVoltage - Supply (Vcc/Vdd)Not RequiredRds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature40°C ~ 150°C (TJ)Package / Case14-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-DSO-14-40-EP	Manufacturer Part Number	BTT61002EKAXUMA1
PMIC - Power Distribution Switches, Load DriversPackage14-SOIC (0.154", 3.90mm Width) Exposed PadSeries-Switch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load5 V ~ 36 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2.2ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / Case14-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-DSO-14-40-EP	Manufacturer	Infineon Technologies
Package14-SOIC (0.154", 3.90mm Width) Exposed PadSeries-Switch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load5 V ~ 36 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2.2ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature40°C ~ 150°C (TJ)Package / CaseFG-DSO-14-40-EP	Category	Integrated Circuits (ICs)
Series-Switch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelOutput TypeOn/OffVoltage - Load5 V ~ 36 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2.2ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / Case14-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-DSO-14-40-EP		PMIC - Power Distribution Switches, Load Drivers
Switch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load5 V ~ 36 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2.2ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature44°C ~ 150°C (TJ)Package / Case9G-DSO-14-40-EP	Package	14-SOIC (0.154", 3.90mm Width) Exposed Pad
Number of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelOutput TypeOn/OffVoltage - Load5 V ~ 36 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2.2ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / CaseFG-DSO-14-40-EP	Series	-
Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelOutput TypeOn/OffInterfaceOn/OffVoltage - Load5 V ~ 36 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2.2ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature40°C ~ 150°C (TJ)Package / CaseI4-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device PackageFo-DSO-14-40-EP	Switch Type	General Purpose
Output ConfigurationHigh SideOutput TypeN-ChannelOutput TypeOn/OffInterfaceOn/OffVoltage - Load5 V ~ 36 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2.2ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / Case14-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-DSO-14-40-EP	Number of Outputs	2
Output TypeN-ChannelInterfaceOn/OffVoltage - Load5 V ~ 36 VVoltage - Supply (Vcc/Vdd)Not RequiredVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2.2ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / Case14-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-DSO-14-40-EP	Ratio - Input:Output	1:1
InterfaceOn/OffVoltage - Load5 V ~ 36 VVoltage - Supply (Vcc/Vd)Not RequiredCurrent - Output (Max)2.2ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / Case14-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-DSO-14-40-EP	Output Configuration	High Side
Voltage - Load5 V ~ 36 VVoltage - Supply (Vcc/Vd)Not RequiredCurrent - Output (Max)2.2ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / Case14-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-DSO-14-40-EP	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2.2ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / Case14-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-DSO-14-40-EP	Interface	On/Off
Current - Output (Max)2.2ARds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / Case14-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-DSO-14-40-EP	Voltage - Load	5 V ~ 36 V
Rds On (Typ)100 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / Case14-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-DSO-14-40-EP	Voltage - Supply (Vcc/Vdd)	Not Required
Input TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / Case14-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-DSO-14-40-EP	Current - Output (Max)	2.2A
Features-Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / Case14-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-DSO-14-40-EP	Rds On (Typ)	100 mOhm
Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / Case14-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-DSO-14-40-EP	Input Type	Non-Inverting
Operating Temperature-40°C ~ 150°C (TJ)Package / Case14-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-DSO-14-40-EP	Features	-
Package / Case14-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-DSO-14-40-EP	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Supplier Device Package PG-DSO-14-40-EP	Operating Temperature	-40°C ~ 150°C (TJ)
	Package / Case	14-SOIC (0.154", 3.90mm Width) Exposed Pad
Report errors?	Supplier Device Package	PG-DSO-14-40-EP
		Report errors?

#### BTT61002EKAXUMA1 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.

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DISCOVER

#### BTT61002EKAXUMA1 Payment Methods



### BTT61002EKAXUMA1 Shipping Methods



If you have any question about BTT61002EKAXUMA1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com

UNION

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