

Image may be representation.  
See specifications for product details.



## ALTAIR05T-800TR

Manufacturer Part Number	<b>ALTAIR05T-800TR</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-ALTAIR05T-800TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OFFLINE SWITCH FLYBACK 16SO
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ALTAIR05T-800TR - STMicroelectronics.New Original in Stock. Download Linear Technology ALTAIR05T-800TR datasheet/specifications on AllelcoElec.com.  
Request a quote for ALTAIR05T-800TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ALTAIR05T-800TR Tech Specifications  
ALTAIR05T-800TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Isolation	Isolated
Voltage - Supply (Vcc/Vdd)	11.5V ~ 23V	Operating Temperature	-25°C ~ 125°C (TJ)
Voltage - Start Up	13 V	Mounting Type	Surface Mount
Voltage - Breakdown	800V	Internal Switch(s)	Yes
Topology	Flyback	Frequency - Switching	-
Supplier Device Package	16-SO	Fault Protection	-
Series	-	Duty Cycle	-
Package / Case	16-SOIC (0.154", 3.90mm Width)	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	ALTAIR05

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics ALTAIR05T-800TR

Product Attribute				
Part Number	ALTAIR05T-800TR	ALTAIR04-900	ALTAIR05T-800	ALTAIR04-900TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Supply (Vcc/Vdd)	11.5V ~ 23V	11.5V ~ 23V	11.5V ~ 23V	11.5V ~ 23V
Frequency - Switching	-	Up to 166kHz	-	Up to 166kHz
Control Features	-	-	-	-
Voltage - Start Up	13 V	13 V	13 V	13 V
Supplier Device Package	16-SO	16-SO	16-SO	16-SO
Duty Cycle	-	-	-	-
Operating Temperature	-25°C ~ 125°C (TJ)	-40°C ~ 150°C (TJ)	-25°C ~ 125°C (TJ)	-40°C ~ 150°C (TJ)
Output Isolation	Isolated	Isolated	Isolated	Isolated
Topology	Flyback	Flyback	Flyback	Flyback
Internal Switch(s)	Yes	Yes	Yes	Yes
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)
Series	-	-	-	-
Voltage - Breakdown	800V	900V	800V	900V
Fault Protection	-	Current Limiting, Short Circuit	-	Current Limiting, Short Circuit
Package	Tape & Reel (TR)	Tube	Tray	Tape & Reel (TR)
Base Product Number	ALTAIR05	ALTAIR04	ALTAIR05	ALTAIR04

### ALTAIR05T-800TR Datasheet PDF

Download ALTAIR05T-800TR pdf datasheets and STMicroelectronics documentation for ALTAIR05T-800TR - STMicroelectronics.

#### PCN Packaging

Mult Dev Inner Pkg Chg 30/Oct/2019.pdf

Material Barrier Bag 17/Dec/2020.pdf

#### PCN Assembly/Origin











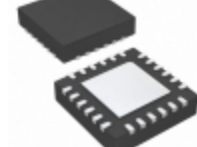







2.73KHz.pdf

#### HTML Datasheet

Cylindrical Battery Holders.pdf

### Customers Also Interested in

## Recommended Products

					
<b>ALTERA</b> Altera (Intel)	<b>ALTAIR04-900</b> STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO	<b>ALTAIR05T-8</b> STMicroelectronics	<b>ALT6758</b> ANADIGICS	<b>ALT6765Q7</b> ANADIGICS	<b>ALT6735Q7</b> ANADIGI
					
<b>ALT80802KEJJTR</b> Allegro MicroSystems IC LED DRIVER RGLTR PWM 2A 10DFN	<b>ALT6740RM45Q7</b> ANADIGICS	<b>ALT6738RM45P9</b> ANADIGICS	<b>ALTAIR05T-800</b> STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO	<b>ALT80600KESJSR</b> Allegro MicroSystems IC LED DRV RGLTR PWM 120MA 24QFN	<b>ALT6758Q7</b> ANADIGI
					
<b>ALTAIR04-900TR</b> STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO	<b>ALTAIR03TR</b> STMicroelectronics	<b>ALTAIR03</b> STMicroelectronics	<b>ALT6738RM45Q7</b> Skyworks Solutions Inc. IC RF AMP CELLULAR SMD	<b>ALT6740RM45P9</b> ANADIGIC	<b>ALT80800KLPATR</b> Allegro MicroSystems IC LED DRV RGLTR PWM 2A 16TSSOP

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

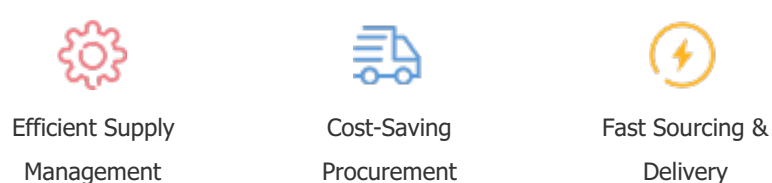
## Payment Support

The payment method can be chosen from the methods shown below:

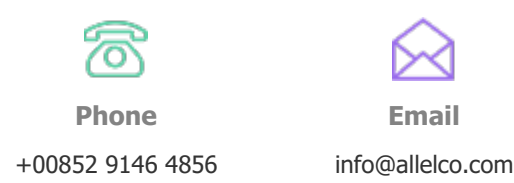
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



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## Certifications & Memberships



View More



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