



HF500GS-7

Part Number:

Manufacturer/Brand:

Product description

Datasheets: Ship From

Shipment Way

HF500GS-7

MPS (Monolithic Power Systems)

FIXED-FREQUENCY FLYBACK REGULATO

Hong Kong

DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION** 

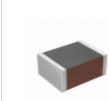
Image may be representation. See specifications for product details.

PART NUMBER HF500GS-7  MANUFACTURER MPS (Monolithic Power Systems)  DESCRIPTION FIXED-FREQUENCY FLYBACK REGULATO  LEAD FREE STATUS / ROHS STATUS  DATA SHEET  VOLTAGE - SUPPLY (VCC/VDD) 12.5 V ~ 24 V  VOLTAGE - BREAKDOWN 700V  TOPOLOGY FLYBACK REGULATO  SUPPLER DEVICE PACKAGE 8-SOIC-7B  SERIES - SUPPLER DEVICE PACKAGE 8-SOIC-7B  SERIES - 1.5 V  POWER (WATTS) 1.5 W  PACKAGING TUBE DEVICE PACKAGE 8-SOIC (0.154", 3.90mm Width), 7 Leads  OUTPUT IS SOLATION 1.5 Solated  OUTPUT IS SOLATION 1.5 Solated  MOUNTING TEMPERATURE 4.09°C ~ 125°C (TI)  MOUNTING SENSITIVITY LEVEL (MSL) 3 (1.68 Hours)  MANUFACTURER STANDARD LEAD TIME 1.8 Weeks  INTERNAL SWITCH(S) No  FREQUENCY - SWITCHING 65KHz  FAULT PROTECTION 0.0 CONVERTE OFFINE THE PROTECTION 0.0 CONVERTE OFFINE THE PROTECTION 0.0 CONVERTE OFFINE THE PROTECTION 0.0 CONVERTE OFFINE FLYBACK TOPOlogy 65kHz 8-SOIC-7B  DUTY CYCLE 0.0 CONVERTE OFFINE FLYBACK TOPOlogy 65kHz 8-SOIC-7B  CONTROL FEATURES (SOILS SOILS SO		Specifications of HF500GS-7
MANUFACTURER         MPS (Monolithic Power Systems)           DESCRIPTION         FIXED-FREQUENCY FLYBACK REGULATO           LEAD FREE STATUS / ROHS STATUS         TOTAL SHEET           DATA SHEET         TOUTHORD STATUS           VOLTAGE - SUPPLY (VCC/VDD)         12.5 √ ~ 24 √           VOLTAGE - BREAKDOWN         700V           TOPOLLOGY         Flyback           SUPPLIER DEVICE PACKAGE         8-SOIC-7B           SERIES         -           POWER (WATTS)         1.5W           PACKAGING         Tube           PACKAGE / CASE         8-SOIC (0.154", 3.90mm Width), 7 Leads           OUTPUT ISOLATION         Isolated           OUPERATING TEMPERATURE         40°C ~ 125°C (TI)           MOUNTING TYPE         Surface Mount           MOINTING TYPE         Surface Mount           MOINTING TYPE         18 Weeks           MANUFACTURER STANDARD LEAD TIME         18 Weeks           INTERNAL SWITCH(S)         No           FREQUENCY - SWITCHING         5KHz           FAULT PROTECTION         Cover Load, Over Temperature, Over Voltage, Short Circuit           DUTY CYCLE         -           DITY CYCLE         Converter Offline Hyback Topology 65kHz 8-SOIC-7B		
DESCRIPTION  LEAD FREE STATUS / ROHS STATUS  DATA SHEET  VOLTAGE - SUPPLY (VCC/VDD)  12.5 V ~ 24 V  VOLTAGE - BREAKDOWN  700V  TOPOLOGY  Flyback  SUPPLIER DEVICE PACKAGE  8-SOIC-7B  SERIES  1.5W  PACKAGEN (WATTS)  1.5W  PACKAGEN (ASE  ASSOIC (0.154", 3.90mm Width), 7 Leads  OUTPUI SOLATION  OPERATING TEMPERATURE  4.0°C ~ 125°C (TI)  MOUNTING TYPE  MOUNTING TYPE  MOUNTING TYPE  MANUFACTURER STANDARD LEAD TIME  MOUNTING TYPE  MOUNTING TYPE  MANUFACTURER STANDARD LEAD TIME  MOUNTING TYPE  MOUNTING TYPE  MOUNTING TYPE  MANUFACTURER STANDARD LEAD TIME  MOUNTING TYPE  MOUNTING T	PART NUMBER	HF500GS-7
DATA SHEET  VOLTAGE - SUPPLY (VCC/VDD)  12.5 V ~ 24 V  VOLTAGE - BREAKDOWN  700V  TOPOLOGY  Flyback  SUPPLIER DEVICE PACKAGE  SERIES  - POWER (WATTS)  PACKAGGING  FACKAGGING  PACKAGE / CASE  9-SOIC (0.154", 3.90mm Width), 7 Leads  OUTPUT ISOLATION  DEPRATING TEMPERATURE  MOUNTING TYPE  MOUNTING TYPE  MOUNTING TYPE  MOUNTING TYPE  MOUNTING TYPE  MANUFACTURES SENSITIVITY LEVEL (MSL)  MANUFACTURES SENSITIVITY LEVEL (MSL)  MANUFACTURES STANDARD LEAD TIME  MERQUENCY - SWITCHING  FREQUENCY - SWITCHING  FALLT PROTECTION  OVER LOAd, OVEr Temperature, Over Voltage, Short Circuit  DUTY CYCLE  COnverter Offline Plyback Topology 65kHz 8-SOIC-7B	MANUFACTURER	MPS (Monolithic Power Systems)
NOLTAGE - SUPPLY (VCC/VDD) 12.5 V ~ 24 V  VOLTAGE - BREAKDOWN 700V  TOPOLOGY Flyback SUPPLIER DEVICE PACKAGE 8-SOIC-7B  SERIES - 'SWARCH STINGS SUPPLY (VCC/VDD) 15.5W  PACKAGING Tube  PACKAGING Tube  PACKAGE / CASE 8-SOIC (0.154", 3.90mm Width), 7 Leads  OUTPUT ISOLATION ISolated  OPERATING TEMPERATURE 40°C ~ 125°C (TJ)  MOUNTING TYPE SURface Mount  MOUNTING TYPE SURface Mount  MOUSTURE SENSITIVITY LEVEL (MSL) 3 (168 Hours)  MANUFACTURER STANDARD LEAD TIME 18 Weeks  INTERNAL SWITCH(S) NO  FREQUENCY - SWITCHING 65kHz  FAULT PROTECTION OVER Load, Over Temperature, Over Voltage, Short Circuit  DUTY CYCLE 50 (TO)  FONEWER (WATTS) 15.5 (TO)  TOPOLOGY 15.5 (TO)  T	DESCRIPTION	FIXED-FREQUENCY FLYBACK REGULATO
VOLTAGE - SUPPLY (VCC/VDD)         12.5 V ~ 24 V           VOLTAGE - BREAKDOWN         700V           TOPOLOGY         Flyback           SUPPLIER DEVICE PACKAGE         8-SOIC-7B           SERIES         -           POWER (WATTS)         1.5W           PACKAGING         Tube           PACKAGING OF TUBOLATION         Isolated           OUTPUT ISOLATION         Isolated           OPERATING TEMPERATURE         40°C ~ 125°C (TJ)           MOUNTING TYPE         Surface Mount           MOISTURE SENSITIVITY LEVEL (MSL)         3 (168 Hours)           MANUFACTURER STANDARD LEAD TIME         18 Weeks           INTERNAL SWITCH(S)         No           FREQUENCY - SWITCHING         65kHz           FAULT PROTECTION         Over Load, Over Temperature, Over Voltage, Short Circuit           DUTY CYCLE         Converter Offline Flyback Topology 65kHz 8-SOIC-7B	LEAD FREE STATUS / ROHS STATUS	
VOLTAGE - BREAKDOWN 70POLOGY Flyback SUPPLIER DEVICE PACKAGE SERIES - POWER (WATTS) FACKAGING PACKAGING PACKAGING PACKAGE OUTPUT ISOLATION OPERATING TEMPERATURE MOUNTING TYPE MOUNTING TYPE MOUNTING TYPE MOUNTING TYPE MOUNTING SENSITIVITY LEVEL (MSL.) MANUFACTURER STANDARD LEAD TIME MANUFACTURER STANDARD LEAD TIME FREQUENCY - SWITCHING FREQUENCY - SWITCHING FAULT PROTECTION DUTY CYCLE DUTY CYCLE CONVERTED THE SHORT OF TEMPERATURE  TOON OVER LOAD, OVER TEMPERATURE, OVER VOITage, Short Circuit CONVERTED THE SHORT OF TEMPERATURE, OVER VOITage, Short Circuit CONVERTED THE SHORT OF TEMPERATURE, OVER VOITage, Short Circuit CONVERTED THE SHORT OF TEMPERATURE, OVER VOITage, Short Circuit CONVERTED THE SHORT OF TEMPERATURE, OVER VOITage, Short Circuit CONVERTED THE SHORT OF TEMPERATURE, OVER VOITage, Short Circuit CONVERTED THE SHORT OF TEMPERATURE, OVER VOITage, Short Circuit CONVERTED THE SHORT OF TEMPERATURE, OVER VOITage, Short CIRCUIT CONVERTED THE SHORT OF TEMPERATURE, OVER VOITage, Short CIRCUIT CONVERTED THE SHORT OF TEMPERATURE, OVER VOITage, Short CIRCUIT CONVERTED THE SHORT OF TEMPERATURE, OVER VOITage, Short CIRCUIT CONVERTED THE SHORT OF TEMPERATURE, OVER VOITage, Short CIRCUIT CONVERTED THE SHORT OF TEMPERATURE, OVER VOITage, Short CIRCUIT CONVERTED THE SHORT OF TEMPERATURE, OVER VOITage, Short CIRCUIT CONVERTED THE SHORT OF TEMPERATURE OVER VOITage, Short CIRCUIT CONVERTED THE SHORT OF TEMPERATURE OVER VOITage, Short CIRCUIT CONVERTED THE SHORT OF TEMPERATURE OVER VOITage, Short CIRCUIT CONVERTED THE SHORT OVER THE SHORT OVER VOITage, Short CIRCUIT CONVERTED THE SHORT OVER THE SHORT OVER VOITage, Short CIRCUIT CONVERTED THE SHORT OVER THE SHORT OVER VOITAGE SHORT OVER THE SHORT OVER	DATA SHEET	
TOPOLOGYFlybackSUPPLIER DEVICE PACKAGE8-SOIC-7BSERIES-POWER (WATTS)1.5WPACKAGINGTubePACKAGE / CASE8-SOIC (0.154", 3.90mm Width), 7 LeadsOUTPUT ISOLATIONISolatedOPERATING TEMPERATURE-40°C ~ 125°C (TJ)MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)3 (168 Hours)MANUFACTURER STANDARD LEAD TIME18 WeeksINTERNAL SWITCH(S)NoFREQUENCY - SWITCHING55kHzFAULT PROTECTIONOver Load, Over Temperature, Over Voltage, Short CircuitDUTY CYCLEConverter Offline Flyback Topology 65kHz 8-SOIC-7B	VOLTAGE - SUPPLY (VCC/VDD)	12.5 V ~ 24 V
SUPPLIER DEVICE PACKAGE  SERIES  7.  POWER (WATTS)  1.5W  PACKAGING  PACKAGE / CASE  8-SOIC (0.154", 3.90mm Width), 7 Leads  OUTPUT ISOLATION  DEPRATING TEMPERATURE  40° ~ 125° C (T)  MOUNTING TYPE  MOUNTING  MOUNTING TYPE  MOUNTIN	VOLTAGE - BREAKDOWN	700V
SERIES POWER (WATTS) 1.5W PACKAGING Tube  PACKAGE / CASE 8-SOIC (0.154", 3.90mm Width), 7 Leads  OUTPUT ISOLATION ISOLATION OPERATING TEMPERATURE  MOUNTING TYPE MOUNTING TYPE MANUFACTURER STANDARD LEAD TIME MANUFACTURER STANDARD LEAD TIME INTERNAL SWITCH(S) NO FREQUENCY - SWITCHING FAULT PROTECTION OVER LOAd, OVER TEMPERATURE, OVER YORLDESS HIS SHOLES  BUTY CYCLE DUTY CYCLE CONVERTED SKILLS  CONVERTED GIBBRE AS SOIC-7B	TOPOLOGY	Flyback
POWER (WATTS)  PACKAGING  PACKAGE / CASE  PACKAGE / CASE  DUTPUT ISOLATION  DUTPUT ISOLATION  DUTPUT ISOLATION  DUTPUT ISOLATION  MOUNTING TYPE  MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  MANUFACTURER STANDARD LEAD TIME  INTERNAL SWITCH(S)  FREQUENCY - SWITCHING  FAULT PROTECTION  DUTY CYCLE  DUTY CYCLE  DETAILED DESCRIPTION  1.5W  ASSURE SANGE (WIGHT), 7 Leads  Load (Nover Temperature, Over Voltage, Short Circuit  DUTY CYCLE  Converter Offline Flyback Topology 65kHz 8-SOIC-7B	SUPPLIER DEVICE PACKAGE	8-SOIC-7B
PACKAGING PACKAGE / CASE  S-SOIC (0.154", 3.90mm Width), 7 Leads  OUTPUT ISOLATION  OPERATING TEMPERATURE  A0°C ~ 125°C (TJ)  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  MANUFACTURER STANDARD LEAD TIME  18 Weeks  INTERNAL SWITCH(S)  NO  FREQUENCY - SWITCHING  56kHz  FAULT PROTECTION  DUTY CYCLE  DUTY CYCLE  Converter Offline Flyback Topology 65kHz 8-SOIC-7B	SERIES	-
PACKAGE / CASE OUTPUT ISOLATION ISOlated OPERATING TEMPERATURE OPERATING TEMPERATURE MOUNTING TYPE Surface Mount MOISTURE SENSITIVITY LEVEL (MSL) MANUFACTURER STANDARD LEAD TIME INTERNAL SWITCH(S) NO FREQUENCY - SWITCHING FAULT PROTECTION OVER LOAd, OVER TEMPERATURE, OVER VOITage, Short Circuit  DUTY CYCLE CONVERTED THE SENSITIVITY LEVEL CONVERTED THE SENSITIVITY LEVEL CONVERTED THE SURFACE SURF	POWER (WATTS)	1.5W
OUTPUT ISOLATION Isolated OPERATING TEMPERATURE -40°C ~ 125°C (TJ)  MOUNTING TYPE Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL) 3 (168 Hours)  MANUFACTURER STANDARD LEAD TIME 18 Weeks  INTERNAL SWITCH(S) No  FREQUENCY - SWITCHING 65kHz  FAULT PROTECTION Over Load, Over Temperature, Over Voltage, Short Circuit  DUTY CYCLE  DETAILED DESCRIPTION Converter Offline Flyback Topology 65kHz 8-SOIC-7B	PACKAGING	Tube
OPERATING TEMPERATURE  #MOUNTING TYPE  MOUNTING SENSITIVITY LEVEL (MSL)  MOUNTING TYPE  MOUNTING SENSITIVITY LEVEL (MSL)  MOUNTING SENSITIV	PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width), 7 Leads
MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  MANUFACTURER STANDARD LEAD TIME  18 Weeks  INTERNAL SWITCH(S)  REQUENCY - SWITCHING  65kHz  FAULT PROTECTION  OVER LOAd, OVER Temperature, OVER Voltage, Short Circuit  DUTY CYCLE  DETAILED DESCRIPTION  Converter Offline Flyback Topology 65kHz 8-SOIC-7B	OUTPUT ISOLATION	Isolated
MOISTURE SENSITIVITY LEVEL (MSL)  MANUFACTURER STANDARD LEAD TIME  18 Weeks  INTERNAL SWITCH(S)  No  FREQUENCY - SWITCHING  FAULT PROTECTION  Over Load, Over Temperature, Over Voltage, Short Circuit  DUTY CYCLE  DETAILED DESCRIPTION  3 (168 Hours)  18 Weeks  No  Over Load, Over Temperature, Over Voltage, Short Circuit  Converter Offline Flyback Topology 65kHz 8-SOIC-7B	OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
MANUFACTURER STANDARD LEAD TIME 18 Weeks  INTERNAL SWITCH(S) No  FREQUENCY - SWITCHING 65kHz  FAULT PROTECTION Over Load, Over Temperature, Over Voltage, Short Circuit  DUTY CYCLE -  DETAILED DESCRIPTION Converter Offline Flyback Topology 65kHz 8-SOIC-7B	MOUNTING TYPE	Surface Mount
INTERNAL SWITCH(S) No  FREQUENCY - SWITCHING 65kHz  FAULT PROTECTION Over Load, Over Temperature, Over Voltage, Short Circuit  DUTY CYCLE - Converter Offline Flyback Topology 65kHz 8-SOIC-7B	MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
FREQUENCY - SWITCHING  FAULT PROTECTION  Over Load, Over Temperature, Over Voltage, Short Circuit  DUTY CYCLE  DETAILED DESCRIPTION  Converter Offline Flyback Topology 65kHz 8-SOIC-7B	MANUFACTURER STANDARD LEAD TIME	18 Weeks
FAULT PROTECTION Over Load, Over Temperature, Over Voltage, Short Circuit  DUTY CYCLE -  DETAILED DESCRIPTION Converter Offline Flyback Topology 65kHz 8-SOIC-7B	INTERNAL SWITCH(S)	No
DUTY CYCLE -  DETAILED DESCRIPTION Converter Offline Flyback Topology 65kHz 8-SOIC-7B	FREQUENCY - SWITCHING	65kHz
DETAILED DESCRIPTION Converter Offline Flyback Topology 65kHz 8-SOIC-7B	FAULT PROTECTION	Over Load, Over Temperature, Over Voltage, Short Circuit
	DUTY CYCLE	-
CONTROL FEATURES Soft Start	DETAILED DESCRIPTION	Converter Offline Flyback Topology 65kHz 8-SOIC-7B
	CONTROL FEATURES	Soft Start

## **Related Tags**

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## **Related Products**



### HF50ACB322513-TD25

Manufacturers: TDK Corporation Description: FERRITE BEAD 60 OHM 1210 1LN

In stock: Out stock

**RFQ** 



### HF50ACB321611-TD25

Manufacturers: TDK Corporation Description: FERRITE BEAD 31 OHM 1206 1LN

In stock: Out stock **RFQ** 

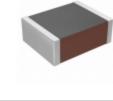


## HF500GP-30

Manufacturers: MPS (Monolithic Power Systems) Description: FIXED-FREQUENCY, FLYBACK REGULAT

In stock: Out stock

**RFQ** 



### HF50ACB453215-T

Manufacturers: TDK Corporation

Description: FERRITE BEAD 125 OHM 1812 1LN In stock: Out stock

**RFQ** 



## HF50ACB321611-T

Manufacturers: TDK Corporation Description: FERRITE BEAD 31 OHM 1206 1LN

In stock: Out stock

**RFQ** 



## HF50ACB201209-T

Manufacturers: TDK Corporation Description: FERRITE BEAD 11 OHM 0805 1LN

In stock: Out stock

**RFQ** 



#### HF50ACB201209-TD25 Manufacturers: TDK Corporation

Description: FERRITE BEAD 11 OHM 0805 1LN In stock: Out stock

**RFQ** 



### HF500GS-15

Manufacturers: MPS (Monolithic Power Systems) Description: FULL-FEATURED FLYBACK REGULATOR In stock: Out stock

**RFQ** 



#### Manufacturers: TDK Corporation Description: FERRITE BEAD 60 OHM 1210 1LN

In stock: Out stock

**RFQ** 



# Manufacturers: MPS (Monolithic Power Systems)

Description: FIXED-FREQUENCY, FLYBACK REGULAT In stock: Out stock

**RFQ** 



#### HF500GS-7-Z Manufacturers: MPS (Monolithic Power Systems)

Description: FIXED-FREQUENCY FLYBACK REGULATO In stock: Out stock

**RFQ** 



### HF500GS-15-Z

Description: FULL-FEATURED FLYBACK REGULATOR In stock: Out stock

Manufacturers: MPS (Monolithic Power Systems)

**RFQ** 



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