AOZ5006QI-01 Details PDF





AOZ5006QI-01

Part Number:
Manufacturer/Brand:
Product description
Datasheets:
RoHs Status
Ship From
Shipment Way

AOZ5006QI-01 Alpha and Omega Semiconductor, Inc. IC REG BUCK ADJ 35A SYNC 40QFN

Lead free / RoHS Compliant Hong Kong DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Alpha and Omega Semiconductor, Inc. ESCRIPTION IC REG BUCK ADJ 35A SYNC 40QPN AD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant ATA SHEFT ISV DLTAGE - OUTPUT (MIN/FDRED) 4.5V DLTAGE - OUTPUT (MIN/FDRED) 6V DLTAGE - OUTPUT (MAX) 6V DLTAGE - INPUT (MAX) 6V DLTAGE - CASE 6V <th></th> <th>Specifications of AOZ5006QI-01</th>		Specifications of AOZ5006QI-01
Alpha and Omega Semiconductor, Inc. ESCRIPTION IC REG BUCK ADJ 35A SYNC 40QFN AD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant ATA SHEET		
CR REG BUCK AD 35A SYNC 400FN CAAD FREE STATUS / ROHS STATUS Lead free / ROHS Compliant ATA SHEET	PART NUMBER	AOZ5006QI-01
APP REEE STATUS / ROHS STATUS Lead free / RoHS Compliant ATA SHEET 15V DLTAGE - OUTPUT (MIN/FIXED) 4.5V DLTAGE - OUTPUT (MAX) 16V DLTAGE - OUTPUT (MAX) 16V DLTAGE - OUTPUT (MAX) 16V DLTAGE - INPUT (MIN/FIXED) 4.5V DLTAGE - INPUT (MIN/OLD) 16V DLTAGE - INPUT (MIN/AX) 16V DLTAGE - INPUT (MIN/AX) Buck OPOLOGY Buck MCHONOUS RECTIFIER Buck IPPLIER DEVICE PACKAGE 40-QFN (K6K) IPPLIER DEVICE PACKAGE MOG SKCKAGING Tape Reel (TR) KCKAGING A0-WEQFN Exposed Pad JTUT TYPE Adjustable JTUT TYPE Adjustable JUTUT TYPE Information PERATING TEMPERATURE 40°C ~ 85°C (TA) JUMBER OF OUTPUTS 1 JUTITING TYPE Suface Mount OUTITING TYPE 26 Weeks ADA FREE STATUS / ROHS STATUS Ead free / ROHS Compliant INTERON Supe-Down REQUENCY - SWITCHING 20kKthing Regulator IC Postike Adjustable 4.5V1 Outp	MANUFACTURER	Alpha and Omega Semiconductor, Inc.
ATA SHEET DLTAGE - OUTPUT (MIN/FIXED) 4.5V DLTAGE - OUTPUT (MAX) 6V DLTAGE - INPUT (MAX) 6V DPOLOGY Buck NCHRONOUS RECTIFIER Ves INPUER DEVICE PACKAGE 0-QFN (Ko6) IRRES DMOS ICKAGE / CASE 0-WKQFN Exposed Pad INPUT TYPE Adjustable UTPUT TYPE Adjustable INPER OF OUTPUTS 1 INDER OF OUTPUTS 1 INPUER SENSITIVITY LEVEL (MSL) 1 INPLACTION Seried Compliant INPLACTION 26 Veeks INPLACTION Lead free / RoHS Compliant INPLACTION Stafface Mount INPLACTION 26 Veeks INPLACTION Lead free / RoHS Compliant INPLACTION Stafface Mount INPLACTION Stafface Mount INPLACTION Lead free / RoHS Compliant INPLACTION Stafface Mount INPLACTION	DESCRIPTION	IC REG BUCK ADJ 35A SYNC 40QFN
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Applicacie Ipvilore policacie Buk prolocy Rec prolocy Yes prolocy Advector pro	VOLTAGE - OUTPUT (MAX)	16V
DPDLOGY Buck NCHRONOUS RECTIFIER Yes JPPLIER DEVICE PACKAGE 40-QFN (6x6) ERIES DrMOS KCKAGE / CASE Tape & Reel (TR) KCKAGE / CASE 40-WFQFN Exposed Pad JTPUT TYPE Adjustable JTPUT CONFIGURATION Positive PERATING TEMPERATURE 40°C ~ 85°C (TA) JUNDER OF OUTPUTS 1 OUNTING TYPE Surface Mount ANUFACTURER STANDARD LEAD TIME 26 Weeks ADURTING TURE STATUS / ROHS STATUS Lead free / ROHS Compliant ADUREC OF SWITCHING Step-Down ADUREC STATUS / ROHS STATUS Lead free / ROHS Compliant ADUREC STATUS / ROHS STATUS Step-Down	VOLTAGE - INPUT (MIN)	4.5V
Anchronous RectifierYesUPPLIER DEVICE PACKAGE40-QFN (6x6)ERESDrMOSKCKAGINGTape & Reel (TR)KCKAGE / CASE40-WFQFN Exposed PadATUPT TOPEAdjustableUPPLT TYPEAdjustablePERATING TEMPERATURE-40°C ~ 85°C (TA)UPRER OF OUTPUTS1OUNTING TYPESurface MountANUFACTURER STANDARD LEAD TIME26 VeeksAD FREE STATUS / ROHS STATUSLed free / ROHS CompliantAD FREE STATUS / ROHS STATUSSurface / ADMEAD FREE STATUS / ROHS STATUSStape PownERQUENCY - SWITCHING20 KeysERQUENCY - SWITCHINGSurface / ADMEAD FREE STATUS / ROHS STATUSSurface / ADMEERQUENCY - SWITCHINGSurface / ADMEERQUENCY - SWITCHINGSurface / ADMEAD FREE STATUS / ROHS STATUSSurface / ADMEERQUENCY - SWITCHINGSurface / ADMEERQUENCY - SWITCHINGSURSCHIPTIONAD FREE STATUS / ROHS STATUSSurface / ADMEERQUENCY - SWITCHINGSURSCHIPTIONAD FREE STATUS / ROHS STATUSSurface / ADMEERQUENCY - SWITCHINGSURSCHIPTIONAD FREE STATUS / ROHS STATUSSurface / ADMEERQUENCY - SWITCHINGSURSCHIPTIONAD FREE STATUS / ROHS STATUSSurface / ADMEERQUENCY - SWITCHINGSURSCHIPTIONBUR SURGUENCY - SWITCHINGSURSCHIPTIONBUR SURGUENCY - SWITCHING / ADMESURSCHIPTION / ADMEBUR SURGUENCY - SWITCHING / ADMESURSCHIPTION / ADMEBUR SURGUENC	VOLTAGE - INPUT (MAX)	16V
AppPLIER DEVICE PACKAGE 40-QFN (6x6) ERLES DMOS ACKAGING Tape & Reel (TR) ACKAGE / CASE d0-WFQFN Exposed Pad ATPUT TYPE Adjustable JTPUT CONFIGURATION Positive PRRATING TEMPERATURE -40°C ~ 85°C (TA) JMBER OF OUTPUTS 1 OUTTING TYPE Surface Mount OUTTING TYPE 1 (Unlimited) OUTFURE STATUS / ROHS STATUS 26 Weeks ADI FREE STATUS / ROHS STATUS Ead free / ROHS Compliant INCTION Step-Down REQUENCY - SWITCHING 20kHz ~ 1MHz EQUENCY - SWITCHING Buck Switching Regulator IC Positive Adjustable 4.5V1 Output 35A 40-WFQFN Exposed	TOPOLOGY	Buck
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OUNTING TYPE Surface Mount OISTURE SENSITIVITY LEVEL (MSL) 1 (Unlimited) ANUFACTURER STANDARD LEAD TIME 26 Weeks Sad FREE STATUS / ROHS STATUS Lead free / RoHS Compliant UNCTION Step-Down REQUENCY - SWITCHING 20 kHz ~ 1MHz ETAILED DESCRIPTION Buck Switching Regulator IC Positive Adjustable 4.5V 1 Output 35A 40-WFQFN Exposed Page	OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
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ANUFACTURER STANDARD LEAD TIME 26 Weeks Lead free / RoHS Compliant Lead free / RoHS Compliant Step-Down REQUENCY - SWITCHING 200kHz ~ 1MHz ETAILED DESCRIPTION Buck Switching Regulator IC Positive Adjustable 4.5V 1 Output 35A 40-WFQFN Exposed Pac	MOUNTING TYPE	Surface Mount
EAD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant JNCTION Step-Down REQUENCY - SWITCHING 200kHz ~ 1MHz ETAILED DESCRIPTION Buck Switching Regulator IC Positive Adjustable 4.5V 1 Output 35A 40-WFQFN Exposed Page	MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
Step-Down REQUENCY - SWITCHING 200kHz ~ 1MHz ETAILED DESCRIPTION Buck Switching Regulator IC Positive Adjustable 4.5V 1 Output 35A 40-WFQFN Exposed Page	MANUFACTURER STANDARD LEAD TIME	26 Weeks
REQUENCY - SWITCHING200kHz ~ 1MHzETAILED DESCRIPTIONBuck Switching Regulator IC Positive Adjustable 4.5V 1 Output 35A 40-WFQFN Exposed Page	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
ETAILED DESCRIPTION Buck Switching Regulator IC Positive Adjustable 4.5V 1 Output 35A 40-WFQFN Exposed Part	FUNCTION	Step-Down
	FREQUENCY - SWITCHING	200kHz ~ 1MHz
JRRENT - OUTPUT 35A	DETAILED DESCRIPTION	Buck Switching Regulator IC Positive Adjustable 4.5V 1 Output 35A 40-WFQFN Exposed Par
	CURRENT - OUTPUT	35A

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AOZ3054DI

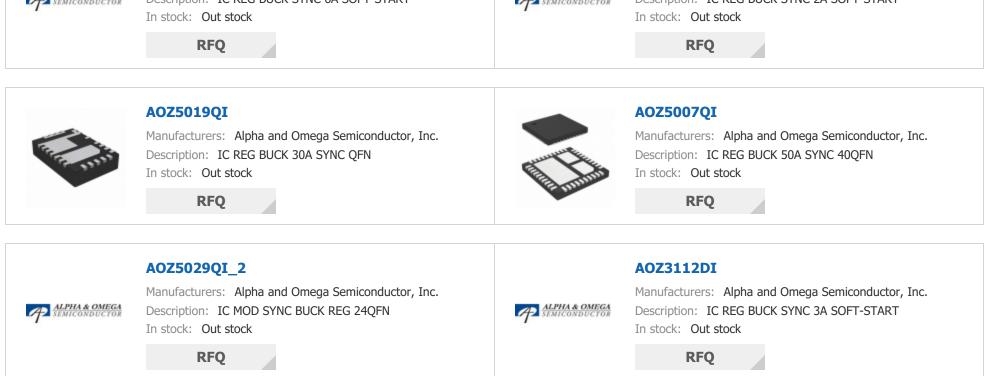
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AOZ3101DI

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