

## 6ES7901-0BF00-0AA0 计数器

产品名称	6ES7901-0BF00-0AA0 计数器
公司名称	厦门亿佳天辰贸易有限公司
价格	564.00/件
规格参数	艾默生:1242 Ovation:124 美国:234213
公司地址	厦门市湖里区枋湖西二路3号338室之五（注册地址）
联系电话	0592-6057707 18064452363

## 产品详情

### 6ES7901-0BF00-0AA0 计数器

主要包括3.3v电压调整器及基准电压源、脉宽调制器(PWM)、驱动逻辑、推挽式驱动器、欠压关断电路、限流电路、电流检测电路。UCD8220/8620可运行在峰值电流模式或电压模式，不仅能对极限电流进行编程，还输出一个能受主控制器监控的极限电流数字标志。UCD8220/8620的时序工作波形如图3所示。

### 数字信号处理器(DSP)

UCD9501是TI公司专为数字电源系统配套的数字信号处理器，其同类产品还有TMS320F2808，TMS320F2806。它们内部主要包含100MHz的32位CPU、时钟振荡器、3个32位定时器、看门狗电路、内部/外部中断控制器、SCI总线、SPI总线、CAN总线及I

C总线接口、12路PWM信号输出、系统控制器、16通道12位。ADC、16K × 16 Flash、6K × 16 SARAM、1K × 16ROM。它采用标准的3.3v输入/输出接口，与UCD8K系列完全兼容。利用Power PADTM HTSSOP，和QFN软件包可进行编程。

### 电路设计

智能化数字电源系统可由PWM、电源驱动器、DSP、接口电路、显示器和键盘6部分组成。系统框图如图4所示。

交流电压经过整流滤波后获得的+36 ~ 72 v直流输入电压U1，接高频变压器的初级绕组;还经过R1、R2分压后，分别接UCD9501的模拟输入端AN1及AN2。初级绕组的另一端接功率MOSFET。R3为限流电阻。R4为电流检测电阻。偏置绕组的输出电压通过VD1、C1整流滤波后得到+12v的直流偏压，接UCD7100的电源端(UDD)。UCD7100输出的3.3 v电压为UCD9501提供电源。次级整流滤波电路由VD2、L和C2组成，VD3为续流二极管，UD为直流输出电压。从UCD9501输出的脉宽调制信号(PWMA)送至UCD7100的IN端。UCD7100的极限电流标志端(CLF)接UCD9501的中断端(INT)，极限电流设定端(ILIM)接UCD9501的GM

TR端。利用光耦隔离放大器可将输出级与输入级进行隔离。

当 $U_{DD}=12V$ ，UCD7100的负载电容 $C_{LOAD}=10nF$ ，开关频率 $f=300kHz$ 时，偏置功耗为 $P=C_{LOAD}U_{DD}^2=10nF*(12v)^2*300kHz=0.432W$ 。偏置电流 $I=P/U_{DD}=0.432W/12V=0.036A$ 。

若采用UCD7201，则可驱动两只外部功率MOSFET。此外还可用UCD9501和UCD8620组成数字电源系统。

## 结语

数字电源系统具有高集成度、高性价比、电源管理功能完善、外围电路简单、能面向用户设计等显著优点，为实现智能化电源系统的优化设计创造了有利条件。

伺服控制是为满足某种目的，产生运动和对物体运动进行控制是我们人类重要的活动之一。伺服控制是对物体运动的位置、速度及加速度等变化量的有效控制。

listing YOKOGAWA F3LD01-0N , DeviceNet I/F PLC unit sn:1034

listing YOKOGAWA F3LE11-0T , ETHERNET PLC unit sn:2570

listing YOKOGAWA F3LR02-0N , FABUS2 PLC unit sn:5060, as photos.

listing YOKOGAWA F3PU10-0N , Power Supply unit PLC sn:7064, as photos.

listing YOKOGAWA F3PU20-0N, Power Supply PLC unit sn:7033, as photos.

listing YOKOGAWA F3WD64-3N , IO unit PLC sn:8025, as photos.

listing YOKOGAWA F3XP01 Pulse input ,PLC module sn:012126, as photos, Promotion.

listing YOKOGAWA F3XP01 Pulse input ,PLC module sn:152027, as photos.

listing YOKOGAWA F3YP14-0N , Position unit PLC sn:3023

listing YOKOGAWA model 3087 308721 RECORDER -b

listing Yokogawa model mfcu field control unit

listing Yokogawa MY4001 Digital Insulation Tester

listing Yokogawa PF500A / PU952B Advice In-Circuit Emulator Orion ICE JTAG & Probe

listing Yokogawa Pressure Transmitter YA43F-SAS4

listing Yokogawa R7308HG-01, Hi speed 2 wire remote Input16 Output16,24Vdc

listing Yokogawa SC41-EP15 PLC Industrial Automation Conductivity Analyzer Sensor

listing Yokogawa Service Manual For Model 2433 Clip On AC Power Meter

listing Yokogawa Single Phase Watt Meter

listing YOKOGAWA UT321-20 UT32120

listing YOKOGAWA VINTAGE DC AMMETER WITH CASE

listing YOKOGAWA ZR22G, ZIRCONIA DETECTOR Sensor as photos, sn:8883.

LOT OF 2 NIB YOKOGAWA SIGNAL CONDITIONER ESCA ESC\*A (311)

LOT OF 3 YOKOGAWA SIGNAL CONDITIONER ECOA EC0A (306)

LOT OF 4 NIB YOKOGAWA SIGNAL CONDITIONER E02A EO2A (311)

LOT OF 4 NIB YOKOGAWA SIGNAL CONDITIONER EA2\*A EA2A (311)

LOT OF 4 NIB YOKOGAWA SIGNAL CONDITIONER ECOA EC0A (311)

NFAI143-H00 S1 Yokogawa NFAI143 with NFTA4S-00 S2 Analog Input \*BNIB \*\*Free

NiB Yokogawa Pressure Transmitter EJA530E

NiB Yokogawa Pressure Transmitter EJA530E 0-500psi rosemount HART protocol

NIB YOKOGAWA UT351 DIGITAL INDICATING CONTROLLER STYLE S3 (UU2)

NO BOX YOKOGAWA INPUT CARD EA1 SUFF \*A K4J01033 (DR1F-2)

NO BOX YOKOGAWA INPUT CARD ER5 SUFF \*B INPUT 0~200 PT 100 (DR1F-2)

NO BOX YOKOGAWA OUTPUT ISOLATOR CARD EA0 SUFF \*A (DR1F-2)

NOS Yokogawa 152141LSSN A/C Amperes Panel Meter 0-800 Amperes GE

NOS Yokogawa 152141LSVC A/C Kiloamperes Panel Meter 0-1.5 Kiloamperes GE

NOS Yokogawa 250244PZSJ7 A/C Volts Panel Meter 0-600 Volts GE

NOS Yokogawa 260310LSSJ Panel Meter AC Amperes 0-600 Amperes

OLD COMPUMOTOR CONTROLLER DR-1008B-230-DO, YOKOGAWA SR1008B62 GF

OLD STOCK YOKOGAWA Z021C-8-E\*A/F ZIRCONIA OXYGEN ANALYZER

OLD YOKOGAWA UM1LG3 DC SERVO ACTUATOR, 1-PH, 100-115 V LINEARSERV, DRVGIII BO

OLD YOKOGAWA UR1B-030N DC SERVO ACTUATOR, 200-230 V DYNASERV GG

ProSafe-RS SPW482-13 Power Supply Module Yokogawa SPW482 \*\*Free DHL Express

PULLOFF YOKOGAWA ROTOMASS 3" MASSFLOW FLOW METER RCCS38-A08A2SL/FS1

Reliance 612233-10S 61223310S Yokogawa 251-3 Meter 0-200% Range

ROTA YOKOGAWA RAMC02-D4SS ROTAMETER PAMC

SHINANO KENSHI MOTOR STH-39D160-06 13921 FOR YOKOGAWA B9233EF

SSB401-13 Bus Interface Module S9342FA Yokogawa SSB401 ProSafe-RS \*\*Free DHL

SURPLUS!! Yokogawa Admag AE Flow Meter AE102DN-AB1-LSA

TEL Tokyo Electron 3M87-032368-13 Pressure Sensor Assembly Yokogawa JP101/Z

UNI/Yokogawa Corporation YA11F-SHS4/FMF1\*B 24VDC 2000PSI Transmitter

UN YOKOGAWA 0-5250 VAC PANEL MOUNT VOLTMETER 103021PZUL

VJx7 Computing Unit VJX7-A17-1ZN0 Yokogawa Juxta S1.05

WESCHLER YOKOGAWA Transducer WTD020J/CALIBRATED 246953-540-AHD-0-0

WESCHLER-YOKOGAWA 103021PZSJ7 0-600 AC VOLT METER (KK1)

Yew (Yokogawa) 0-2500 A-C Amperes Meter 250340LSTV7JYC

YOKAGAWA DP HARP TRANSMITTER MODEL EJA 530A

Yokogawa 0-15 Ac Amp Panel Mount meter 250240NDND 2.5" 0-15 AC AMPERES

YOKOGAWA 0-200 KPA PRESSURE TRANSDUCER FP101-A11-L20\*B

YOKOGAWA 03-785060-00 PANEL METER 55-65 HEARTZ 120 Volts AC

YOKOGAWA 0-500 DC PANEL AMMETER AMP METER 254324ECSF 250339LS-XX7

YOKOGAWA 0-500 DC PANEL METER 254324ECSF8

Yokogawa 0-80 KW Ammeter 2 1/2"DC MXH2790 01

Yokogawa 09-3188CM 99809-0258 0-5 ACA 0-100 ACA A-C Amperes Meter NOB

YOKOGAWA 103021PZSJ AC VOLT METER 0-600 \*FREE SHIPPING\*

YOKOGAWA 103-021-PZSJ AC VOLTS METER PANEL VOLT

YOKOGAWA 103021PZXX7/P 0-25 AC KILOVOLTS PANEL METER D514246

Yokogawa 103-021-SJSJ Voltmeter Range 0-150VAC Scale 0-600VAC AB-40

Yokogawa 103-021-SJSJ Voltmeter Scale 0-600VAC AB-40

YOKOGAWA 103111EAEA7KXJ 0-6000FPM METER D325262

YOKOGAWA 103111EAEA7YC METER 103111EAEA7YCJ

YOKOGAWA 103111EATV 0-2500 DC AMPS AMMETER AMPERES PANEL METER B327604

YOKOGAWA 103111EAXX ENGINE SPEED PERCENT METER 0-120 YOKOGAWA  
103111EAEA7SKH

YOKOGAWA 103111HMHM DB40 0-600 DC AMMETER D514943

YOKOGAWA 103121AESF PANEL METER

YOKOGAWA 103121CATC AMMETER 0-1500 DC AMPERES METER 0-50V-DC D324893

YOKOGAWA 103122ABNT DC MILLIVOLTS METER PANEL VOLT

YOKOGAWA 103122ABXX 100-0-100 DC AMPERES PANEL METER D324846

YOKOGAWA 103-131-LSPZ 0-150AC AMPERES PANEL METER D341282

YOKOGAWA 103-131-LSPZ PANEL METER 103131LSPZ

YOKOGAWA 103131LSRX AC METER 0-300 AMPS

YOKOGAWA 103131LSRX AMPERES AC 0-200 5A AMP METER D341753

YOKOGAWA 103-131-LSSC 0-400AC AMPERES METER D341275

YOKOGAWA 103-131-LSSS METER 103131LSSS

YOKOGAWA 103-131-LSTM AC AMPERES METER PANEL VOLT

YOKOGAWA 103131ND-ND7 AMPERES AC 0-10A AMP METER ( Lot of 2 )

YOKOGAWA 103131NLNL

YOKOGAWA 1031-590 RECORDER RA-2860 REV B PCB CIRCUIT BOARD B475275

YOKOGAWA 103502CAAB7 TEMPERATURE INDICATOR

YOKOGAWA 104X115AD028 0-3 FIELD AMPS PANEL METER

YOKOGAWA 104X117CC017 120-0-120 PERCENT VOLTAGE PANEL METER

YOKOGAWA 104X117CC036 J2252367C TYPE 152 A-C VOLTS PANEL METER

YOKOGAWA 104X117CC040 200-0-200 PERCENT LOAD PANEL METER

Yokogawa 12' Oxygen Probe Dectectors SS Z021D

YOKOGAWA 152111NGNG 0-20 D-C AMPERES PANEL METER

YOKOGAWA 162111KMKM 0-500 D-C MILLIAMPERES PANEL METER D513889

YOKOGAWA 180-033-PKXS 180-EDGEWISE EM3121 GATE POSITION PANEL METER B444178

YOKOGAWA 180112FAFARUJ DC AMMETER

YOKOGAWA 180143LSSFX 0-500 AMP AMEREMETER METER D512158

YOKOGAWA 180181HEAA1ABA 0-100 PERCENT PROCESS METER D399483

Yokogawa 2011 Portable AC Voltmeter 300/1000A Meter 1.8VA JIS C-1102

YOKOGAWA 209FAZZ EICHER 254 0-800 DC AMP D-C AMPERES PANEL METER B473517

YOKOGAWA 2-1/2" 0-150 AC VOLTS ANALOG IRON VANE PANEL METER 260244PZPZ1/UL

YOKOGAWA 2354 30 MULTIPURPOSE DIGITAL PANEL METER

Yokogawa 235711-7004-10DAD Digital Meter 235711700410DAD

Yokogawa 240211AAAB7 2.5" Hour Panel Meter (ELE2925)

YOKOGAWA 240211AAAB7 TIMER

YOKOGAWA 240611AAAD ELAPSED TIME METER 0-99,999.9 HOURS

YOKOGAWA 240611AAAD7 120V-AC TIME PANEL METER D489329

Yokogawa 240711AAAD7 Type 240 3-1/2" Elapsed Time Hour Meter Free Shipping

YOKOGAWA 246921-380-AFA-0 JUXTA CURRENT 0-5A AMP AC 0-1MA TRANSDUCER B473641

Yokogawa 246921-382-AHD-1 246921382AHD1 Ac Current Transducer 120V Ac 0-5 A

YOKOGAWA 246954-540-AFA-0-0/JDF TRANSDUCER

YOKOGAWA 246954-540-AFA-0-0/JDN TRANSDUCER

YOKOGAWA 246954-540-AFA-0-0/JMM TRANSDUCER

YOKOGAWA 250101MTMT DC AMPERES PANEL METER 10-0-10 ADC 1-3/4" L x 1-3/4" W

YOKOGAWA 250-200-EAXX 0-1200A AMP DC PANEL METER B335986

YOKOGAWA 250209FAZZ8 AMMETER 0-500 AC AMPERES PANEL METER B473520

Yokogawa 250224ECVA DC Ammeter (ELE2924)

YOKOGAWA 250240 LSXS 0-150% PERCENT PANEL 150V-AC METER B411682

YOKOGAWA 250-240-LSMT 0-10AAC AMPERES BRANOM PANEL METER B473907

YOKOGAWA 250240LSNG 0-20 PANEL METER

YOKOGAWA 250240LSNL 0-30A AMP AC PANEL BRANOM AMPERES METER B473531

YOKOGAWA 250240LSPB 0-75A AMP AC PANEL METER D512604

Yokogawa 250240LSPZ7AAA Motor Load Current Meter (ELE2923)

YOKOGAWA 250240LSRL 0-200 AC AMPERES PANEL METER D325076

Yokogawa 250240LSSC AC Amperes Meter 0-400

YOKOGAWA 250240NLNL7

YOKOGAWA 2503(0-3ADC) Panel Meter

YOKOGAWA 250-300-FAZZ 0-300 FPM GAUGE METER 0-90 VDC

Yokogawa 250300LALA Panel Meter

YOKOGAWA 250309FAZZ 0-1.125 DC AMPERES METER D513083

YOKOGAWA 250310VDC 0-100

Yokogawa 250320LALA Panel Meter

YOKOGAWA 250329ECZZ8 0-800 DC MILLIAMPERES PANEL METER D513089

YOKOGAWA 250329ECZZ8 250324ECNT PANEL METER SCALE: 0-50 DC AMPERES

YOKOGAWA 250329ECZZ8 PERCENT PANEL METER SCALE: 0-50 MV DC AMMETER

Yokogawa 250344PZPZ7 Voltage Meter

YOKOGAWA 250349PZZZZ 0-600VAC VOLTS VOLTMETER PANEL METER B473523

YOKOGAWA 250421MTPKDCA D-C AMPERES PANEL METER 100-0-100 ADC 5" W x 4-1/2" L

Yokogawa 251 420, 0-90v Voltage Meter - SKU 6.15-1447

YOKOGAWA 251221MT/DC3969 DC AMPERES PANEL METER -/+250 ADC 2-5/8" x 3-1/16"

YOKOGAWA 251240LSMT A-C AMPERES PANEL METER 0-10 5AAC 2-5/8" L x 3-1/16" W

YOKOGAWA 251240LSND AC AMPERES PANEL METER 2-5/8" L x 3-1/16"W

Yokogawa 251240LSND AC Amperes Panel Meter 2-5/8" L x 3-1/16"W

Yokogawa 251240LSNG 0-20 AC Amperes Panel Meter 2-5/8" L x 3-1/16"W

YOKOGAWA 251339LSZZ PANEL METER SCALE: 0-100 AC AMPERES 251-339-LSZZ

YOKOGAWA 25140LSSF AC AMPERES PANEL METER RANGE 0A-500A 3-7/8" FACE

YOKOGAWA 254200FAXX 0-2400 KILOWATTS PANEL METER D325065

YOKOGAWA 254209FAZZ8 PANEL METER

YOKOGAWA 254329ECZZ 162 PANEL METER SCALE: 300-0-300 DC AMPERES

YOKOGAWA 254329ECZZ8 0-150A AMP DC D-C AMPERES AMMMETER PANEL METER B473506

YOKOGAWA 254400FAFA8AHR SMP DYNAMIC PANEL METER 0-25

YOKOGAWA 255-3 PANEL METER

YOKOGAWA 260200BZBZ 0-10 DC D-C MICRO AMPERES BRANOM PANEL METER B473534

YOKOGAWA 260320RLRL9JBS 0-200 DC VOLT PANEL METER D514031

YOKOGAWA 260340NL-NL1 PANEL METER 260340NLNL1

YOKOGAWA 2830-1041-SJSJ METER 0-600 28301041SJSJ

YOKOGAWA 30800216 GREEN 3 PACK B9588KH-KC

YOKOGAWA 30960663 BLUE B9902AP-KC 3 PACK

YOKOGAWA 30960671 PURPLE B9902AQ-KC 3 PACK

YOKOGAWA 30960689 PURPLE B9902AR 3 PACK

Yokogawa 3226-10 Leakage Current Tester AC/DC Meter 1.8VA JIS C-1102

YOKOGAWA 36A362513CE001 175-0-175 LOAD CURRENT PANEL METER

YOKOGAWA 36A362717BE001 0-10 AMPS PANEL METER

YOKOGAWA 36A362717BF010 0-400 AMPS PANEL METER

YOKOGAWA 36A362717DB004 600-0-600 VOLTS PANEL METER

YOKOGAWA 4-1/2" 250 PERCENT MOTOR LOAD CURRENT ANALOG PANEL METER

YOKOGAWA 50-152111NLNL2 PANEL METER 50152111NLNL2

YOKOGAWA 64-27-0103-03 GRAPHIC CONTROLS B9588KJ BLUE PEN 3 PACK

Yokogawa 65K3122 Panel Meter; Range and Scale 0-1 DCMA INV=15816

YOKOGAWA 7V0GS074AM01 0-200 F.P.M. PANEL METER

YOKOGAWA 7VKYB013AM28 2500-0-2500 R.P.M. PANEL METER



YOKOGAWA 7VSFS206AM01 1750-0-1750 PERCENT SPEED PANEL METER

YOKOGAWA 7VTGS047AM02 0-1200 R.P.M. PANEL METER

YOKOGAWA 7VUGX050AM10 0-1150 MOTOR R.P.M. PANEL METER

YOKOGAWA 7VUGX052AM01 0-600 MOTOR RPM PANEL METER

YOKOGAWA 7VVBB134AM27 0-50 M/SEC PANEL METER

YOKOGAWA 7VVBB134AM28 0-50 TONS PANEL METER

YOKOGAWA 7VYFB036AM08 0-60 TONS PANEL METER

YOKOGAWA 7VZFX048AM02 0-1500 R.P.M. PANEL METER

YOKOGAWA 820-00-0-RMA2 DIGITAL PANEL METER

YOKOGAWA A/D ASSY B9578WE/WF RECORDER A/D BOARD me01-2 8K076 BH

Yokogawa A/D-Servo AMP Assy B9573/UE Controller Card

YOKOGAWA A1092MM PF42-48 PULSE 1:50 ELECTRIC GEAR MOTOR D511238

YOKOGAWA AAI543 -S00 S1 +ATK4A-00 S1

YOKOGAWA AAI543 -S00 S1 +ATK4A-00 S1 #ZL02

YOKOGAWA AAT145-S00 #ZL02

YOKOGAWA AAV144-S00 #ZL02

YOKOGAWA AC AMPERES METER 103131LSLS7NUY/P 103131LSLS7NUYP 0-300 AC