



元册科技股份有限公司 YUAN DEAN SCIENTIFIC CO.,LTD.

From a Reliable Magnetics and Power Converters Manufacturer

YDS Profile 2019


Medical
Solutions


Railway
Solutions


Industry
Solutions





About YDS

YDS was established in 1990 at Tainan, Taiwan and our factory Ho Mao electronics was established in 1995 at Xiamen, China. We are the leading manufacturer with ISO 9001 / ISO 14001 / IATF 16949 certified and specializes in various products such as DC/DC converter, AC/DC converter, RJ45 with magnetics, 10/100/1G/2.5G/5G/10G Base-T Lan filter, Delay Lines, all kinds of Transformer, Inductor, LED Driver/Lighting products and Power bank.

Multi Experience Integration

In 2015, we officially implemented ERP system to achieve better integration of whole YDS performance. In July 2016, our new building includes office and production line at Tainan Technology Industrial Park started operation. Our Xiamen factory had a relocation as well to increase our capacity for fulfilling worldwide customers' great production demand and satisfaction. There are many new facilities like the establishment of EMC/ reliability laboratory for providing perfect quality assurance which enable us to keep high standard and will certainly be your best partner to create a win-win situation.



Established in 1990
11000 m²
80 employees

Sales
R&D
Warehouse
QC/QA/QE
Production
Accounting



YDS(Tainan)HQ



Ho Mao(Xiamen)

Established in 1995
7200 m²
600 employees

Engineering
R&D
Warehouse
QC/QA/QE
Production
Accounting

DC-DC Converter



Product Range:
0.25W~75W DC-DC Converter
SIP/DIP/SMD package available
Isolated Voltage from 500Vdc~6KVdc
Single/Dual/Triple/Quad output are available
Wide input voltage Designed



Instruments



Medical Equipment



Railway



Aviation

YDS is the professional manufacturer of various DC-DC converter, our products meet industrial & railway standard as well as medical certificate demand and so on. Recently, with high demand of power supply performance, YDS develops a series of high efficiency and smaller size DC-DC converter with efficiency achieving 90% or above, which provide customers multiple choices. Our R&D team has independent design ability that enable us to meet customized request and OEM service, further providing customer complete technical support and product warranty.

AC-DC Converter

Product Range:
0.5W~300W AC-DC Converter
SIP/DIP package available
Single/Dual/Triple/Quad output are available



Video camera



Router



Wireless router station

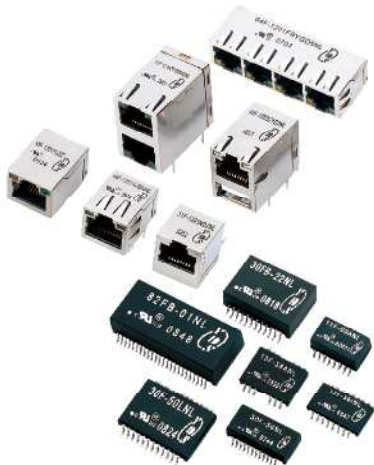


Hub



The AC-DC power supply products are able to be applied on variety of AC main power supply system, power industry, instrumentation, industrial control, telecommunication equipment, medical industry and many other fields. YDS provides customers with various specifications for high efficiency green energy AC-DC converter, the advantages for such products are wide input voltage range high efficiency, high reliability, low power consumption and secure isolation. Also there are appearance options for you to choose such like open frame, module or the type with external wire to satisfy multiple environment's application. AC-DC product range is from 0.5W to 300W and are designed according to Energy Star, EMC, UL60950 / 62368 and IEC60950 / 62368 standard to meet customer's requirement of UL/CE certification.

LAN Filter & RJ45 Magnetics



Product Range:
1 x 1, 1 x 2, 1 x N, 2 x 1, 2 x N port available
10/100/1G/2.5G/5G/10G Base T with POE/POE+ are available
SIP/DIP/SMD package available

YDS has manufactured RJ45 connector for over 20 years, with excellent ability to design and well management on the quality control of RJ45 magnetics.

RJ45 integrated Jack network module is combined by RJ45 connector and RJ45 magnetics. The combination simplifies PCB layout as well as creating a saving space for magnetics in PCB, further reduces the resource consumption of development system. There are various appearance and transport speed options for RJ45 products, which provides flexible choices. Meanwhile YDS provides all kinds of Lan filter products suitable for variety sizes. We also offer customized service to satisfy customer's demand if there's any special specification.



Musical Instruments



Sensing Equipment



Internet Equipment



Industrial Equipment

Various Transformer

YDS is the professional manufacturer of transformer, we produce all kinds of transformer like high frequency telecom transformer, pulse/ audio/ inductor and transformer specially designed for telecom and LAN, which enable to isolate and protect the components, further matching the coupling of peripheral circuits and reduce noise.

We guarantee you good quality by strict test and check before shipment to ensure stable and high standard quality. YDS is approved by ISO 9001:2015 / IATF 16949:2016 certificate and supplying good quality of the products by following ISO 9001 / IATF 16949 SOP.

YDS not only offers standard product but also provides OEM service. Please feel free to contact us if you have any specific transformer request.



Lighting device



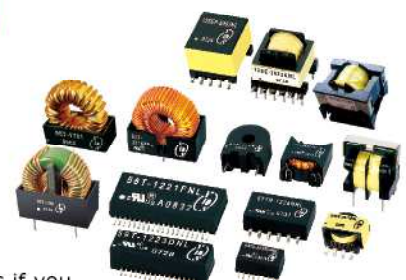
Consumer electronics



Electricity



Telecom equipment



DC-DC Converters

- Low Ripple & Noise
- Constant Short-Circuit Protection
- Meet Railway & Medical Certification
- Meet RoHS, CE, UL Certification



DC-DC Converters, Non-isolated, 0.5~16A, Regulated

P/N (Series)	Input Voltage(Vdc)	Output Voltage(Vdc)	Output Current (mA)	Size(mm)	Package Style
01D-500	4.75-34	1.5,1.8,2.5,3.3,5.0,6.5,9.0 12,18	500	11.67*7.6*10.4	SIP3
01D-1A	4.6-36	1.2,1.5,1.8,2.5,3.3,5.0,6.5 9.0,12,15	1000	11.67*7.6*10.4	SIP3
01D-2A	4.75-36	1.8,2.5,3.3,5.0,9.0,12,15	2000	11.5*8.5*17.5	SIP3
01D-3A	4.5-14,10-30	0.59~6.0,3.0~6.0,5.0~15	3000	15.5*9.4*6.0 16.5*10.4*6.0	SIP5
08D-500	9-72	3.3,5.0,6.5,9.0,12,15,24	500	11.5*8.5*17.5	SIP3
02D-6A	2.4~5.5vdc Vo(Set)<3.63V Vin=8.3~14Vdc Vo(Set)>3.63V Vin=8.3~13.2Vdc	0.75~5.0Vdc 0.75~5.0Vdc	0A-6A	22.9*5.0*10.2 20.3*11.4*5.4	SIP SMD
03D-10A	Vo(Set)3.63V Vin=8.3-14Vdc	0.75~5.0Vdc	0A-10A	33.0*13.5*7.7	SMD
04D-16A	Vo(Set) ≤ 3.63V Vin+8.3-14Vdc	0.75~5.0Vdc	0A-16A	33.0*13.5*7.7 50.8*7.2*12.7	SMD SIP

DC-DC Converters, SMD Package 0.25~2W

P/N(Series)	Watt	Input voltage (Vdc)	output voltage (Vdc)	Size(mm)	Isolated	Package style
13DS-0.25W	0.25W	3.3,5,9,12,15	3.3,5,9,12,15	12.7*7.6*6.25	1KV	SMD
13DS-0.5W	0.5W	3.3,5,9,12,15	3.3,5,9,12,15	12.7*7.6*6.25	1KV	SMD
13DS	1W	3.3,5,9,12,15	3.3,5,9,12,15	12.7*7.6*6.25	1KV	SMD
13DS1	1W	3.3,5,9,12,15	3.3,5,9,12,15,±3.3 ±5,±9,±12,±15	15.24*8.0*7.3 15.24*8.0*8.5	3KV	SMD
13DS2	1W	3.3,5,9,12,15	3.3,5,9,12,15,±3.3 ±5,±9,±12,±15	15.24*8.0*7.3 15.24*8.0*8.5	1KV	SMD
13DS2-N33KV	1W	3.3,5,9	3.3,5,9,±3.3,±5,±9	15.24*8.0*7.3	3KV	SMD
13DS3	1W	3.3,5,9,12,15	3.3,5,9,12,15	12.7*7.6*6.25	1KV	SMD
13DS4	1W	3.3,5,9,12,15	3.3,5,9,12,15,±3.3 ±5,±9,±12,±15	15.24*8.0*7.3 15.24*8.0*8.5	1KV	SMD
43D	1.8W	5,9,12,15,24	5,9,12,15,24 ±5,±9,±12,±15,±24	33.02*14.73*10.70	0.5KV	SMD
13DS-2W	2W	3.3,5,9,12,15	3.3,5,9,12,15	12.7*7.6*6.25	1KV	SMD
13DS1-2W	2W	5,9,12,15	5,9,12,15,±5,±9,±12,±15	15.24*8.0*8.5	3KV	SMD
13DS2-N42W	2W	5,9,12,15	5,9,12,15,±5,±9,±12,±15	15.24*8.0*8.5	1KV	SMD
28D	2W	4.5-9,9-18,18-36,36-75	3.3,5,12,15,±5,±12,±15	24.1*14.35*10.25	1.5KV	SMD

DC-DC Converters, SIP Package 0.25~9W

P/N(Series)	Watt	Input voltage (Vdc)	output voltage (Vdc)	Size(mm)	Isolated	Package style
11D	0.25W	3.3,5,9,12,15,24	3.3,5,9,12,15,24	11.5*6.0*10.0	1KV	SIP4
10D	1W	3.3,5,9,12,15,24	3.3,5,9,12,15,24	19.5*6.0*10.0	1KV	SIP7
12D	1W	3.3,5,9,12,15,24	3.3,5,9,12,15,24,±3.3 ±5,±9,±12,±15,±24	19.5*6.0*10.0 19.5*7.1*10.0	3KV 6KV	SIP7
12D-R	1W	3.3,5,9,12,15,24	3.3,5,9,12,15,24	19.5*7.1*10.0	3KV	SIP7
12DA	1W	5,12,24,48	5,12,15,±5,±12,±15	19.5*6.0*10.0 19.5*7.1*10.0	3KV	SIP7
12DB	1W	5,12,15,24	5,12,15,±5,±12,±15	19.5*6.0*10.0 19.5*7.1*10.0	3KV	SIP7
12DZ	1W	4.5-9,9-18,18-36	5,9,12,15,24	19.5*7.1*10.0	3KV	SIP7
13D	1W	3.3,5,9,12,15,24	3.3,5,9,12,15,24	11.5*6.0*10.0 11.5*7.5*10.0 12.7*10.16*6.8 12.7*12.7*9.5	1KV	SIP4 SIP4 DIL8 DIL8
13D1	1W	3.3,5,9,12,15,24	3.3,5,9,12,15,24	11.5*6.0*7.5 11.5*6.0*10.0 11.5*7.5*10.0 12.7*10.16*7.5	1KV	SIP4 SIP4 SIP4 DIL8
14D	1W	3.3,5,9,12,15,24,48	3.3,5,9,12,15,24,±3.3 ±5,±9,±12,±15,±24	19.5*6.0*10.0 19.5*7.1*10.0	1KV 1.5KV	SIP7
14DA	1W	5,12,24,48	5,12,15,±5,±12,±15	19.5*6.0*10.0 19.5*7.1*10.0	1KV	SIP7
14DB	1W	5,12,15,24	5,9,12,15, ±5,±9,±12,±15	19.5*6.0*10.0 19.5*7.1*10.0	1KV 1.5KV	SIP7
14DZ	1W	4.5-9,9-18,18-36	5,9,12,15,24	19.5*7.1*10.0	3KV	SIP7
12D-2W	2W	5,9,12,15,24	5,9,12,15,24,±5,±9 ±12,±15,±24	19.5*7.1*10.0	3KV	SIP7
12DA-2W	2W	3.3,5,9,12,15,24	5,12,15,±5,±12,±15	19.5*7.1*10.0	3KV	SIP7
12DB-2W	2W	5,12,15,24	5,12,15,±5,±2,±15	19.5*7.1*10.0	3KV	SIP7
12DZ-2W	2W	4.5-9,9-18,18-36	5,9,12,15,24	19.5*7.1*10.0	3KV	SIP7
13D-2W	2W	5,9,12,15,24	5,9,12,15,24	11.5*7.5*10.0	1KV	SIP4
14DB-2W	2W	5,12,15,24	5,12,15,24,±5,±12,±15,±24	19.5*7.1*10.0	1KV	SIP7
14DZ-2W	2W	4.5-9,9-18,18-36	5,9,12,15,24	19.5*7.1*10.0	3KV	SIP7
19D	2W	5,9,12,15,24	5,9,12,15,24,±5,±9 ±12,±15,±24	19.5*7.1*10.0	1KV	SIP7
19DA	2W	5,12,15,24	5,9,12,15,±5,±9,±12,±15	19.5*7.1*10.0	1KV	SIP7
27D	2W	5-9,9-18,18-36,36-72	5,9,12,15,24,±5,±9 ±12,±15,±24	21.8*9.2*11.1	1KV 3KV	SIP8
12D-3W	3W	5,12,24	5,9,12,15	19.5*7.1*10.0	3KV	SIP7
14D-3W	3W	5,12,24	5,9,12,15	19.5*7.1*10.0	1KV	SIP7
27D-3W	3W	9-18,18-36,36-72	3.3,5,9,12,15,±5,±9,±12,±15	21.8*9.2*11.1	1.5KV / 3KV	SIP8
27DW-3W	3W	9-36,18-75	3.3,5,9,12,15,±5,±9,±12,±15	21.8*9.2*11.1	1.5KV / 3KV	SIP8
27D-6W	6W	12(9-18),24(18-36),48(36-72)	3.3,5,9,12,15,24,±5,±12,±15	21.8*9.2*11.1	1.5KV	SIP8
27DW-6W	6W	24(9-36),48(18-72)	3.3,5,9,12,15,24,±5,±12,±15	21.8*9.2*11.1	1.5KV	SIP8
27DW-9W	9W	24(9-36),48(18-72)	3.3,5,9,12,15,24,±5,±12,±15	21.8*9.2*11.1	1.6KV	SIP8

New

New

DC-DC Converters, 1.25" x 0.8" Package 3~10W

P/N(Series)	Watt	Input voltage (Vdc)	output voltage (Vdc)	Size(mm)	Isolated	Package style
68D	3W	4.5-9-18,18-36,36-72	5,12,15,±5,±12,±15	31.6*20.1*11.0	1.5KV	DIL24
68D1	3W	4.5-9-18,18-36,36-72	5,12,15,±5,±12,±15	31.6*20.1*11.0	1.5KV	DIL24
69D	3W	9-36,18-72	5,12,15,±5,±12,±15	31.6*20.1*11.0	1.5KV	DIL24
68D5	5~6W	9-18,18-36,36-72	3,3,5,12,15,±5,±12,±15	31.6*20.1*11.0	1.5KV	DIL24
68DW5	5~6W	9-36,18-72	3,3,5,12,15,±5,±12,±15	31.6*20.1*11.0	1.5KV	DIL24
68D8	8W	4.5-9-18,18-36,36-75	3,3,5,12,15,±5,±12,±15	31.6*20.1*10.0	1.6KV	DIL24
68DW8	8W	9-36,18-75	3,3,5,12,15,±5,±12,±15	31.6*20.1*10.0	1.6KV	DIL24
68D10	10W	9-18,18-36,36-75	3,3,5,12,15,±5,±12,±15	31.6*20.1*10.0	1.5KV	DIL24
68DW10	10W	9-36,18-75	3,3,5,12,15,±5,±12,±15	31.6*20.1*10.0	1.5KV	DIL24
68D10	10W	9-18,18-36,36-75	3,3,5,12,15,±5,±12,±15	31.6*20.1*10.0	1.5KV	DIL24
68DW10	10W	9-36,18-75	3,3,5,12,15,±5,±12,±15	31.6*20.1*10.0	1.5KV	DIL24
68D12	12W	9-18,18-36,36-75	3,3,5,12,15,±5,±12,±15	31.6*20.1*10.0	1.5KV	DIL24
68DW12	12W	9-36,18-75	3,3,5,12,15,±5,±12,±15	31.6*20.1*10.0	1.5KV	DIL24

DC-DC Converters, 1" x 1" Package 3~30W

P/N(Series)	Watt	Input voltage (Vdc)	output voltage (Vdc)	Size(mm)	Isolated	Package style
76D-3W	3W	4.5-9-18,18-36,36-75	5,12,15,±5,±12,±15	25.4*25.4*10.6	1.5KV	DIL5
76D-6W	6W	9-18,18-36,36-75	5,12,15,24,±5,±12,±15	25.4*25.4*10.6	1.5KV	DIL5
68DW10-R6	10W	9-36,18-75	3,3,5,12,15,±12,±15	25.4*25.4*10.6	1.5KV	DIL6
68D15	15W	9-18,18-36,36-75	3,3,5,12,15,±12,±15	25.4*25.4*10.6	1.5KV	DIL6
68DW15	15W	9-36,18-75	3,3,5,12,15,±12,±15	25.4*25.4*10.6	1.5KV	DIL6
68D20	20W	9-18,18-36,36-75	3,3,5,12,15,±12,±15	25.4*25.4*10.6	1.5KV	DIL6
68DW20	20W	9-36,18-75	3,3,5,12,15,±12,±15	25.4*25.4*10.6	1.5KV	DIL6
96DW-R6	30W	9-36,18-75	3,3,5,12,15,24,±12,±15,±24	25.4*25.4*10.6	1.5KV	DIL6

DC-DC Converters, 2" x 1" Package 5~60W

P/N(Series)	Watt	Input voltage (Vdc)	output voltage (Vdc)	Size(mm)	Isolated	Package style
66D	5W	9-18,18-36,36-72	5,12,15,±12,±15	50.8*25.4*10.2	1.5KV	DIL6
61D	10W	9-18,18-36,36-72	3,3,5,9,12,15,10,24,±5,±9,±12,±15,±18,±24	50.8*25.4*10.6	1.5KV	DIL6
61D-BNL	10W	9-18,18-36,36-72	3,3,5,12,15,24,±5,±12,±15,±24	51.0*25.4*11.5	1.5KV	DIL6
61D-R3	10W	9-18,18-36,36-75	3,3,5,12,15,±5,±12,±15	50.8*25.4*10.6	1.5KV	DIL6
61DW	10W	9-36,18-72	5,9,12,15,±5,±9,±12,±15	50.8*25.4*10.6	1.5KV	DIL6
61DW-R3	10W	9-36,18-75	3,3,5,12,15,±5,±12,±15	50.8*25.4*10.6	1.5KV	DIL6
67D	15W	9-18,18-36,36-72	5,9,12,15,18,24,±5,±9,±12,±15,±18,±24	50.8*25.4*10.6	1.5KV	DIL6
67D-R3	15W	9-18,18-36,36-75	3,3,5,12,15,±5,±12,±15	50.8*25.4*10.6	1.5KV	DIL6
67DW	15W	9-36,18-72	5,9,12,15,±5,±9,±12,±15	50.8*25.4*10.6	1.5KV	DIL6
67DW-R3	15W	9-36,18-75	3,3,5,12,15,±5,±12,±15	50.8*25.4*10.6	1.5KV	DIL6
95D-R3	20W	9-18,18-36,36-75	3,3,5,12,15,±5,±12,±15	50.8*25.4*10.6	1.5KV	DIL6
95DW-R3	20W	9-36,18-75	3,3,5,12,15,±5,±12,±15	50.8*25.4*10.6	1.5KV	DIL6
96D-R5	30W	9-18,18-36,36-72	3,3,5,12,15,±12,±15	50.8*25.4*10.6 50.8*25.4*15.3	1.6KV	DIL6
96DW-R5	30W	9-36,18-75	3,3,5,12,15,±12,±15	50.8*25.4*10.6 50.8*25.4*15.3	1.6KV	DIL6
99D-R3	40W	9-18,18-36,36-75	3,3,5,12,15,±12,±15	50.8*25.4*11.6	1.5KV	DIL6
99DW-R3	40W	9-36,18-75	3,3,5,12,15,±12,±15	50.8*25.4*11.6	1.5KV	DIL6
93D-R3	60W	18-36,36-75	3,3,5,12,15	50.8*25.4*13.1 50.8*25.4*17.8	1.6KV	DIL6

DC-DC Converters, 2" x 1.6" & 2" x 2" Package 15~60W

P/N(Series)	Watt	Input voltage (Vdc)	output voltage (Vdc)	Size(mm)	Isolated	Package style
87D	15W	9-36,20-72	5,12,15,±12,±15	50.8*50.8*13.2	1.5KV	DIL8
95D	20W	9-18,18-36,36-72	3,3,5,12,15,±12,±15	51.4*41.6*12.3 51.0*51.0*10.3	1.5KV	DIL8
95DW	20W	9-36,18-72	5,12,15,24,±12,±15	51.4*41.6*12.3 51.0*51.0*10.3	1.5KV	DIL8
96D	30W	9-18,18-36,36-72	3,3,5,12,15,±5,±12,±15	51.0*51.0*10.3	3KV	DIL8
96DW	30W	9-36,18-72	3,3,5,12,15,±5,±12,±15	51.0*51.0*10.3	3KV	DIL8
99D-R2	40W	9-18,18-36,36-75	3,3,5,12,15,±12,±15	51.0*51.0*10.3	1.5KV	DIL8
99DW-R2	40W	9-36,18-75	3,3,5,12,15,±12,±15	51.0*51.0*10.3	1.5KV	DIL8
93D-R2	60W	18-36,36-72	3,3,5,12,15	51.0*51.0*10.3	1.5KV	DIL8

DC-DC Converters, 3" x 2.6" Package 60W

P/N(Series)	Watt	Input voltage (Vdc)	output voltage (Vdc)	Size(mm)	Isolated	Package style
93D	60W	9-18,18-36,36-72	5,12,15,±5,±12,±15	76.7*66.5*21.6	3KV	DIL8
93DW	60W	9-36,18-72	5,12,15,±5,±12,±15	76.7*66.5*21.6	3KV	DIL8

DC-DC Converters, Medical Application

P/N(Series)	Watt	Input voltage (Vdc)	output voltage (Vdc)	Size(mm)	Isolated	Package style
12D1M	1W	5,12,24	5,12,15,±5,±9,±12,±15	19.5*9.8*12.5	4.2KVac/6KVdc	SIP7
12D1M-2W	2W	5,12,24	5,12,15,±5,±9,±12,±15	19.5*9.8*12.5	4.2KVac/6KVdc	SIP7
30DW-10WM	10W	9-36,18-75	3,3,5,12,15,±5,±12,±15	32.2*15.2*9.0	3KVdc	SIP12
68DW10-M	10W	9-36,18-75	3,3,5,12,15,±5,±12,±15	31.6*20.1*10.0	5KVdc	DIL24

DC-DC Converters, Railway Application

P/N(Series)	Watt	Input voltage (Vdc)	output voltage (Vdc)	Size(mm)	Isolated	Package style
68DW-R1	10W	9-36,18-75,40-160	3,3,5,12,15,±5,±12,±15	31.6*20.1*10.0	1.6KV	DIL24
98DW20-R3	20W	9-36,18-75,40-160	3,3,5,12,15,±12,±15	50.8*25.4*10.6	3KV	DIL6
98DW30-R3	30W	9-36,18-75,40-160	3,3,5,12,15,±12,±15	51.0*25.4*13.0	3KV	DIL6



★ 96DW-R6



New



- High efficiency / low power consumption
- Over current /over voltage/ short circuit multiple protection features

AC-DC Power Module GA Series

Series	Watt	Input(VAC)	Output(VDC)	Dimension(mm)	Isolated(Vac)	PackageStyle
GA003	3W	90~264VAC	3.3,5,6,7,8,9,10,12,13,14,15,16 18,24,27,36,48	35.05*25.4*17.78	3KV	Module
GA005	5~6W	90~264VAC	3.3,5,6,7,8,9,10,12,13,14,15,16 18,24,27,36,48	50.8*25.4*17.02	3KV	Module
GA5A	5~6W	90~264VAC	3.3,5,6,7,8,9,10,12,13,14,15,16 18,24,27,36,48	35.0*25.4*17.8	3KV	Module
GA5E	5W	90~264VAC	3.3,5,9,12,15,24,48	25.4*25.4*16.1	3KV	Module
GA5M	5W	80~264VAC	5,12,15,24	50.8*25.4*17.02	4KV	Module
GA007	7W	90~264VAC	3.3,5,6,7,8,9,10,12,13,14,15,16 18,24,27,36,48,±5,±12,±15	53.34*41.28*20.32	3KV	Module
GA10M	10W	80~264VAC	5,12,15,24	50.8*25.4*17.02	4KV	Module
GA10I	10W	90~264VAC	3.3,5,12,15,24,48,±5,±12,±15,±24	63.5*44.45*19.05	3KV	Module
GA10D	10~12W	90~264VAC	3.3,5,10,12,15,24,36,48	50.8*25.4*23.5	4KV	Module
GA015	13~19W	90~264VAC	3.3,5,12,15,24,48,±5,±12,±15,±24	69.85*48.01*23.37	3KV	Module
GA025-SXX	14~25W	90~264VAC	3.3,5,6,7,8,9,10,12,13,14,15,16 18,24,27,36,48	76.2*50.8*25.4	3KV	Module
GA025	24~27W	90~264VAC	3.3,13,14,15,16,18,24,27,36,48 ±5,±12,±15,±24	76.2*50.8*25.4	3KV	Module
GA25D	20~27W	90~264VAC	3.3,5,6,7,8,9,10,12,13,14,15,16 18,24,27,36,48	69.85*48.01*23.37	3KV	Module
GA030	26~48W	90~264VAC	3.3,5,6,7,8,9,10,12,13,14,15,16 ±5,±12,±15,±24	88.9*63.5*31.75	3KV	Module

✚ Design For Medical

AC-DC Power Module GB Series

Series	Watt	Input(VAC)	Output(VDC)	Dimension(mm)	Isolated(Vac)	PackageStyle
GB003	3W	90~264VAC	3.3,5,6,7,8,9,10,12,13,14,15,16 18,24,27,36,48	32.5*23.0*16.0	3KV	Open Frame
GB005	5~6W	90~264VAC	3.3,5,6,7,8,9,10,12,13,14,15,16 18,24,27,36,48	48.5*23.0*16.0	3KV	Open Frame
GB5M	5W	80~264VAC	5,12,15,24	48.5*23.0*14.0	4KV	Open Frame
GB10M	10W	80~264VAC	5,12,15,24	48.5*23.0*14.0	4KV	Open Frame
GB015	10~19W	90~264VAC	3.3,5,9,12,15,24,36,48	80.0*40.0*24.0	3KV	Open Frame
GB020 GB030	20/30W	90~264VAC	3.3,5,12,15,24,48,±5,±12,±15 V1=5/V2=3.3,V1=5/V2=12.0	101.6*50.8*31.0	3KV	Open Frame
GB040	40W	90~264VAC	5/12,5/24,±5/12,5/±12,5/±15 5/+24/-12,±5/24,3.3/5/-12	101.6*50.8*31.0	3KV	Open Frame
GB40A GB60A	40/60W	90~264VAC	3.3,5,9,12,15,16,24,27,36,48	101.6*50.8*31.0	3KV	Open Frame
GB100	100W	90~264VAC	3.3,5,12,15,24,36,48	127*76.2*35.56	3KV	Open Frame

✚ Design For Medical

AC-DC Power Module GC Series

Series	Watt	Input(VAC)	Output(VDC)	Dimension(mm)	Isolated(Vac)	PackageStyle
GC003	3W	90~264VAC	3.3,5,6,7,8,9,10,12,13,14,15,16 18,24,27,36,48	35.05*25.4*17.78	3KV	Module/Wired
GC005	5~6W	90~264VAC	3.3,5,6,7,8,9,10,12,13,14,15,16 18,24,27,36,48	50.8*25.4*17.02	3KV	Module/Wired

- With a variety of package way
- Widely applied in energy, electricity, equipment, medical, Industrial

AC-DC Power Module GP Series



Series	Watt	Input(VAC)	Output(VDC)	Dimension(mm)	Isolated(Vac)	PackageStyle
GP12	10~15W	90~264VAC	3.3,5,6,7,8,9,10,12,13,14,15,16 18,24,27,36,48	65.0*38.0*25.0	4KV	Open Frame
GP25D	20~27W	90~264VAC	3.3,5,6,7,8,9,10,12,13,14,15,16 18,24,27,36,48	66.5*47.5*22.0	3KV	Open Frame



AC-DC Power Module GS series



Series	Watt	Input(VAC)	Output(VDC)	Dimension(mm)	Isolated(Vac)	PackageStyle
GS1	1W	85~305VAC	5,9,12,15,24	35.0*11.0*18.0	3KV	Open Frame
GS3	3W	85~305VAC	3.3,5,9,12,15,24	35.0*11.0*18.0	3KV	Open Frame
GS5	5W	85~264VAC	3.3,5,9,12,15,24	42.0*13.65*20.0	3KV	Open Frame

AC-DC LED Drivers



Series	Watt	Input(VAC)	Output(mA) MAX	Dimmable	PFC	Size(mm)	PackageStyle
LGA6	3~6W	90~264	300~700mA	—	—	70.0*33.0*22.5	Plastic Case
LGA10	3~10W	90~264	300~700mA	—	■	70.0*33.0*22.5	Plastic Case
LGA10A	3~10W	90~264	300~700mA	—	■	70.0*33.0*22.5	Plastic Case
LB6	3~6W	90~264	300~700mA	—	—	37.0*17.0*18.0	Open Frame
LB8A	3~8W	90~264	150~700mA	—	■	50.0*18.0*19.0	Open Frame
LBU8D LBE8D	3.2~7.8W	110 230	300~700mA ±5%	■	■	62.0*25.0*21.0	Open Frame
LBU20D LBE20D	10.8~18W	110 230	300~500mA ±5%	■	■	90.0*31.0*23.0	Open Frame
LUA20D LEA20D	10.8~19.2W	110 230	300~500mA ±5%	■	■	170.0*33.0*25.0	Plastic Case (IP64 Level)
T8P T8AP	8~22W	90~264	200~480mA	—	■	290.0*17.0*11.0 245.0*18.0*11.0	Open Frame Non-Isolated Isolated
LGA20 LGA20A	10~25W	90~264	300~700mA	—	■	120.0*35.0*26.0	Plastic Case (IP64/67 Level)
LHA20 LHA20A	10~25W	90~305	300~700mA	—	■	120.0*35.0*26.0	Plastic Case (IP64/67 Level)
LGA30 LGA30A	10~30W	90~264	300~1000mA	—	■	170.0*33.0*25.0	Plastic Case (IP64/67 Level)
LHA30 LHA30A	10~30W	90~305	300~870mA	—	■	170.0*33.0*25.0	Mental Case (IP67 Level)
LGA120	40~120W	90~305	700~1500mA	—	■	179.0*65.0*40.0	Mental Case (IP67 Level)



DC-DC LED Drivers



Series	Watt	Input(VDC)	Output(mA) MAX	Dimmable	PFC	Size(mm)	PackageStyle
LDA24 Non-Isolated	0.6~23.8W	5~36	300~700mA	■	—	22.1*12.55*8.5	Module
LDA48 Non-Isolated	5.4~49W	36~72	300~700mA	■	—	31.8*20.3*10.2	Module

RJ45 With Magnetics



- Designs to support every PHY
- Suitable for 10/100/1G/2.5G/5G/10G Base-TX applications
- 100% Electrically tested for HI-POT and continuity
- Meet or exceed IEEE 802.3af&at and ANSI X3.263
- Recognized by UL 60950-1

RJ45 With Magnetics Contents



Application	Series	Tab		Single Port	LED Light		Dimension	Note
		Up	Down		W/O LED	With LED		
10 Base-T	12F/14F-1X		●	1X1	●	●	21.59 x 16.26 x 13.84	
10/100 Base-T	13F-6X		●	1X1	●	●	21.59 x 16.26 x 13.84	
10/100 Base-T	13F-67		●	1X1	●	●	21.59 x 16.26 x 13.84	POE(+)
10/100 Base-T	43F	●		1X1	●	●	26.0 x 16.78 x 21.08	Single USB
10/100 Base-T	44F	●		4 in 1		●	26.1 x 17.4 x 30.4	Dual USB
10/100/1000 Base-T	45F	●		4 in 1	●	●	27.4 x 18.85 x 30.52	Dual USB
10/100/1000 Base-T	46F	●		1X1	●	●	21.5 x 16.0 x 13.6	
10/100/1000 Base-T	47F	●		1X1	●	●	25.65 x 16.5 x 13.85 25.53 x 16.8 x 13.5	
100/1000 Base-T	48F		●	1X1	●	●	21.59 x 16.26 x 13.84	
10/100 Base-T	49F	●		1X1	●	●	23.05 x 16.8 x 13.95	SMD
10/100/1000 Base-T	51F/53F	●		1X1	●	●	17.0 x 16.1 x 16.7	180°
10/100/1000 Base-T 2.5G/5G/10G Base-T	56F	●		1X1	●	●	32.6 x 16.6 x 13.5	Long Jack
10/100/1000 Base-T	6XF		●	1 X N	●	●		1 X 2 1 X 4 1 X 5
10/100/1000 Base-T	71F	●	●	2X1	●	●	28.4 x 17.27 x 25.3	
10/100/1000 Base-T	74F	●	●	2X4	●	●	59.18 x 28.4 x 25.8	
POE(+)100/1000 Base-T POE&POE(+)2.5G Base-T POE&POE(+)5G Base-T POE&POE(+)10G Base-T	13F-67 56F-14 56F-16/18/20	●	●	1X1	●	●	21.59 x 16.26 x 13.84 32.6 x 16.6 x 13.5	POE(+)
POE 1000 Base-T With PD Controller	56F-19	●		1X1	●	●	32.6 x 16.6 x 13.5	POE



- Designed for Ethernet 10/100/1G/2.5G/5G/10G BASE-T applications
- IEEE 802.3 af&at/ANSI X3.263 compliant performance
- Designed for IP phone or switch applications
- Recognized by UL 60950-1 & UL1950
- Customized product and DIL Package is available

LAN Filters Contents

	Package	SMT Series	
	Operation Temperature	0 to 70°C	-40 +85°C
Single Port	10 BASE Single Port	●	
	10/100 BASE Single Port	●	●
	10/100 BASE Single Port POE	●	●
	10/100 BASE Single Port POE+	●	●
	1G BASE Single Port	●	●
	1G BASE Single Port POE	●	●
	1G BASE Single Port POE+	●	●
	2.5G BASE Single Port	●	
	2.5G BASE Single Port POE	●	
	2.5G BASE Single Port POE+	●	
	5G BASE Single Port	●	
	5G BASE Single Port POE	●	
	5G BASE Single Port POE+	●	
	10G BASE Single Port	●	
	10G BASE Single Port POE	●	
	10G BASE Single Port POE+	●	
Dual Port	10/100 BASE Dual Port	●	●
	10/100 BASE Dual Port POE	●	●
	10/100 BASE Dual Port POE+	●	●
	1G BASE Dual Port	●	●
	1G BASE Dual Port POE	●	●
	1G BASE Dual Port POE+	●	●
	10G BASE Dual Port	●	
Quad Port	10/100 BASE Quad Port	●	●
	10/100 BASE Quad Port POE	●	●
	10/100 BASE Quad Port POE+	●	●
	1G BASE Quad Port	●	●
	1G BASE Quad Port POE	●	●
	1G BASE Quad Port POE+	●	●



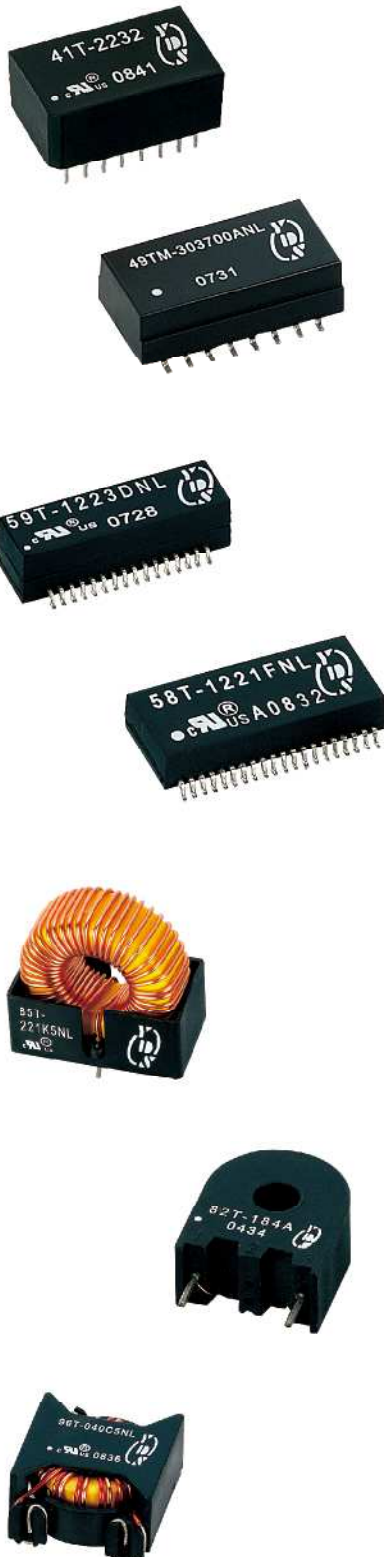
Transformers/EMI Chokes/Inductors



- Meet RoHS, CE, UL Certification
- Railway & Medical Certificate Application
- Designed for Networking & Telecommunication
- Customized product is available

Networking & Telecommunication Transformer Contents

Series	Features	Package
10T	General	6PIN DIL/DIP/SMD 14PIN DIP/SOIC
14T/16T	RF	6PIN DIP/SMD
15T	T3/DS3/E3/STS-1 Single	6PIN DIL/DIP/SMD
15T-Dual	T3/DS3/E3/STS-1 Single	16PIN SOIC
115T-1	T3/DS3/E3/STS-1 Six & eight	24/32/40PIN SOIC
20/21/22/23T	Ethernet	16PIN DIL/DIP/SMD/SOIC
25T	10 Base-T	8/12PIN SMD 16PIN DIL/DIP/SMD/SOIC
30T	Digital Audio Data	6PIN DIL 8PIN SMD
40T	ISDN-So Single	10PIN DIL
41/43T	ISDN-So Dual	16PIN DIL/SMD
42/44/46/47T/47TS	ISDN-So Single	6/10PIN DIL 8PIN SMD
45T	ISDN-So Single	10PIN SMD
49TM	ISDN-So Dual	16PIN SMD
50T	T1/CEPT TELECOM APP;ICATIONS	6PIN DIL
51T	T1/CEPT/ISDN Dual	14PIN DIL
53	T1/CEPT/ISDN Dual	16PIN SOIC
54T	T1/CEPT/ISDN Single	10PIN DIL
55/57T	T1/CEPT/ISDN Dual	12PIN SMD
56TH	T1/CEPT/ISDN Dual	16PIN SMD
58T	T1/CEPT/ISDN Quad Port	40PIN SOIC
59T	T1/E1/CEPT/ISDN-PRI Quad	30PIN SOIC
59T1	T1/CEPT/ISDN Quad	24PIN SOIC
80/81T	Standard Low Power Inductors	4PIN DIL
80/85T	Inductors	2/4PIN DIL
82T	Current Sense	2/3PIN SIP & 7PIN DIL
83T	Through Hole & SMT	2PIN DIL & SMT
87T	SMT 500KHz Current Sense	SMT
89T	Low Cost Inductors	Vertical & Low Profile
96T	High & Low Current Toroidal Inductors	SMT
97T	SMT Inductors	SMT Self-Leaded
98T	High Current Toroidal Inductors	4PIN DIL



High Frequency Transformers /Delay Line



- High Frequency Transformer Designed for Power Supply / Audio / POE
- Meet RoHS, CE, UL Certification
- Railway & Medical Certificate Application
- Customized product is available

High Frequency Transformer Contents



Series	Features
EP	Transformer
UU	Transformer
EPC	Transformer
ER	Transformer
ETD	Transformer
PQ	Transformer
PM	Transformer
EE	Transformer
EFD	Transformer
Six Winding X'FMR	Transformer
Inveter Transformer	Transformer
Current Sense Transformer	Transformer
EP POE Power Transformer	Transformer
EFD15 Wire Wound Transformer	Transformer
EFD20 Wire Wound Transformer	Transformer

Delay Line Contents



Series	Features	Package
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ACTIVE DELAY LINE CONTENTS

10A/11A/20A	5-Tap TTL Leading	8PIN DIL/DIP/SMD
15A/14A/24A	5-Tap TTL Leading & Trailing	8PIN DIL/DIP/SMD
30A	5-Tap TTL Leading	8PIN SIP
40A/41A/49A/50A	5-Tap TTL Leading	14PIN DIL/DIP/SMD/SOIC
45AF/47AF/55AF	5-Tap FAST TTL Leading & Trailing	14PIN DIL/DIP/SMD
60A/61A/70A	10-Tap TTL Leading	14PIN DIL/DIP/SMD
63A/65A/76A	10-Tap TTL Leading & Trailing	14PIN DIL/DIP/SMD
83A	10K ECL 5-Tap Programmable	16PIN DIL
81A	10K ECL 3-Bit Programmable	16PIN DIL
90A	TTL Schottky 4-Bit Programmable	32PIN DIL
91A	10K ECL 4-Bit Programmable	32PIN DIL

Series	Features	Package
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PASSIVE DELAY LINE CONTENTS

10P/11P	Single Tap Output,3:1 TD/RT	3PIN SIP
12P/13P	Single Tap Output,3:1 TD/RT	4PIN DIP/SMD
20P	5-Tap Output,3:1 TD/RT	7PIN SIP
30P	Single Tap Output,5:1 TD/RT	8PIN SIP
40P/41P	5-Tap Output,5:1 TD/RT	8PIN DIP/SMD
50P/60P/61P	10-Tap Output,5:1 TD/RT	14PIN SIP/DIP/SMD
63P	5-Tap Output,5:1 TD/RT	14PIN SOIC
80P/81P	20-Tap Output,10:1 TD/RT	24PIN DIP/SMD

EMC Laboratory



EMI Test Equipment



Chamber



Electromagnetic Susceptibility Test Equipment



Electrostatic Discharge Test Equipment

YDS invested a lot to equip with professional EMC lab, including EMI/EMS/ESD compatibility of professional equipment, In order to provide customers the professional and fast service.

Reliability Test Lab



Thermal Shock Testing Chamber



Temperature and Humidity Chamber



Drop Tester



Salt Spray Tester



High Temperature Aging Test Chamber

R&D Equipment



Programmable AC Source Model (VAC 300volt)



Digital Phosphor Oscilloscope Programmable DC Power Supply Model DC Electronic Load



Bluetooth Wireless Logging Station



4284A LCR Meter



RF Network Analyzer



AC/DC Withstanding Voltage Tester

Production Equipment



SMD Flatness Inspection



RJ45 ATE



SMD ATE



3 in 1 Auto inspection machine
(Flatness/ Visual/ Taping)



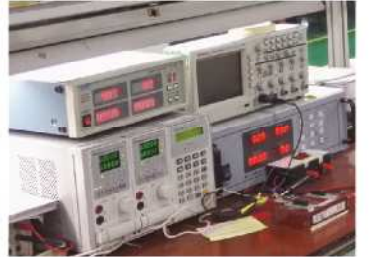
Automatic Test Equipment



Agilent 4395A
Network Analyzer



TH2818XC Auto
Transformer Test System



Electrical Characteristics
Tester for Power Products



Integrating Sphere
(for Testing LED Luminous)



Energy Dispersive X-ray
Fluorescence (ED-XRF)
Spectrometer

Equipment
introduction



SMD Pin Alignment



IR Reflow



Aging Test Room



Ultrasonic Welding for
Sealing Plastic Case



Laser Marking



Auto Soldering Machine



Auto Coil Winding Machine



Automatic LED Forming Machine

Why choose YDS?



Professional

Independent R&D Team



Quality

Strict Quality Management



Customized

Customized Products



Fast

Quick Delivery Time



Experience

Multi Experience Integration



Our strength lies in strict quality management, OEM/ODM service, efficient delivery and most important we are proud of our multi experience integration through years.

With persistence and longtime dedication to the electronics market, we believe in our core : value with Innovation & Service-oriented Precise & Visionary make YDS your best partner to create a win-win situation.

Customers

TAIWAN



CHINA



EU



USA



JAPAN



KOREA



THAILAND



INDIA



TURKEY



Major Products & Applications:

- DC-DC Converters
- AC-DC Converters & LED Drivers
- RJ45 Connectors & LAN Filters
- High Frequency Transformers
- Pulse Transformers
- Industry Solutions
- Medical Solutions
- Railway Solutions
- PoE Solutions

Company information:

Tainan HQ:

Area: 11000 m²

Numbers: 80 employees

Xiamen Plant (Ho Mao):

Area: 7200 m²

Numbers: 600 employees



Your Design Solutions

Independent R&D Team

Strict Quality Management

Multi Experience Integration

Customized Products

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