



Company Profile

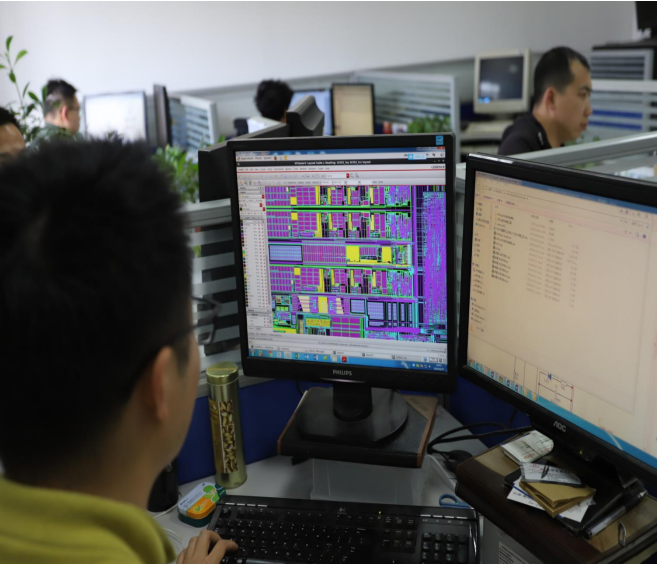
About us

Shenzhen Fuli hao Technology Co., Ltd specializes in producing semiconductor, integrating design, tape-out, closed beta and sale. A Strong technical team with advanced technology and good cooperation with famous tape out and closed beta companies at home and abroad, both guarantee the stability IC of "FLH" brand.

Technology is the core of enterprise's competitiveness, and markets assure promotion of our company. At the same time of producing old products, we introduce new upgraded high-quality products, which is in dire need of people and could take place of many imported IC models.

With hope to reach the sustainable development business concept., based on the advantages of vertical division of labor in the semiconductor industry chain, we aim to integrating related upstream and downstream resources. Through professional integrated circuit design, wafer manufacturing, encapsulation and testing OEM, the industrial efficiency is enhanced greatly. In the fiercely competitive and challenging information era, we will continue to take a steady pace to the peak of growth and constantly provide high-quality and cost-competitive semiconductor chips, solutions and excellent all-round service. Adhering to the concept of "Quality casts excellence, innovation makes future", we devote to be coming a domestic and international well-known and reliable chip supplier.

We believe that IC of "FLH" brand will become a bright semiconductors star sought after by people all over the world in the near future.



雄厚的技术力量，一流的生产工艺，精良的测试设备

产品及主要特性一览表

● 电源管理产品

AC-DC 开关电源

型号 Product	特点描述 Description	工作温度 TA Range	待机功耗 Standby Power	过温保护 OTP	过压保护 OVP	过载保护 OLP	适用功率 Output Power	封装 Package
FH2263	SSR PWM	-10~85°C	<0.3W	-	-	Y	<60W	SOT23-6/DIP8
FH2269	SSR PWM	-10~85°C	<0.3W	Y	Y	Y	<100W	SOP8/DIP8
FH6273	SSR PWM	-10~85°C	<0.1W	Y	Y	Y	<60W	SOT23-6
KA3842	电流型 PWM	0~70°C	-	-	-	Y	<250W	DIP8/SOP8
KA3843	电流型 PWM	0~70°C	-	-	-	Y	<200W	DIP8/SOP8
KA3845	电流型 PWM	0~70°C	-	-	-	Y	<250W	DIP8/SOP8
FH7500B	PWM	-10~75°C	-	-	-	Y	<250W	DIP16/SOP16
TL494	PWM	-10~75°C	-	-	-	Y	<250W	DIP16/SOP16
FH3524	PWM	0~70°C	-	-	-	Y	-	DIP16/SOP16
FH3525	PWM	0~70°C	-	-	-	Y	-	DIP16/SOP16
FH3526	PWM	0~70°C	-	-	-	Y	-	DIP18

DC-DC 开关控制

型号 Product	特点描述 Description	工作温度 TA Range	供电电压 Vin	输出电压 Vout	开关电流 Isw Max	频率 Freq	效率 Efficiency	电压版本 Type	封装 Package
FH34063B	升压/降压/ 变换	0~70°C	3~32V	1.25~30V	1.2A	1~100 KHz	60~65%	ADJ	DIP8/SOP8
LM2596HVS	降压	40~125°C	40~57V	1.23~37V	3A	150~50 KHz	72~75%	ADJ	TO220/ TO263
LM2576S	降压	0~70°C	7~30V	3.3~25V	2.5A	52KHz	72~75%	3.3V/5V/1 2V/ ADJ	TO-220/ TO-263
FP6291	升压	-10~75°C	2.6~5V	2.6~6V	1A	1MHz	80~90%	ADJ	SOT23-6

LDO 线性稳压器

型号 Product	特点描述 Description	工作温度 TA Range	供电电压 Vin Max	输出电压 Vout	精度 Accuracy	输出电流 Iout Max	静态电流 Iq	封装 Package
FH317	正电源/高压	0~70°C	~40V	1.25~37V	±2%	1.5A	4mA	TO-220
FH317S	正电源/高压	0~70°C	~40V	1.25~37V	±2%	1A	4mA	TO-220
FH317L	正电源/高压	0~70°C	~40V	1.25~37V	±2%	100mA	4mA	TO-92 SOP8
LM1084	5A 低压差	0~70°C	~20V	3.3/5VADJ	±2%	5A	5mA	TO-220
LM1085	3A 低压差	0~70°C	~20V	3.3/5VADJ	±2%	3A	4mA	TO-220

● 锂电池充电/移动电源管理

型号 Product	特点描述 Description	工作温度 TA Range	供电电压 Vin	充电电压及精度 Vbat Accuracy	充电电流 Icharg Max	放电规格 Vout Spec	放电效率 Efficiency	封装 Package
FH4054	线性充电 (微灭版)	-20~85°C	4.5~6V	4.2±1% 4.2±1.5%	0.8A	-	-	SOT23-5
FH4054B	线性充电 (全灭版)	-20~85°C	4.5~6V	4.2±1% 4.2±1.5%	0.8A	-	-	SOT23-5
FH4054S	线性充电 (全灭版)	-20~85°C	4.5~6V	4.2±1% 4.2±1.5%	0.5A	-	-	SOT23-5
FH4056	线性充电	-10~75°C	4.5~6V	4.2±1.5%	1.2A	-	-	ESOP8

● 马达驱动/驱动管理

型号 Product	特点描述 Description	工作温度 TA Range	供电电压 Vs	输出电压 Vout	驱动电流 Iout Max	静态电流 Iq (Typ)	封装 Package
L293D	双路 H 桥驱动	0~70°C	4.5~24V	4.5~24V	0.6A	7mA	DIP16/SOP20
L298N	双路 H 桥驱动	0~70°C	4.5~36V	4.5~36V	2A	10mA	ZIP15
FH4708	单路 H 桥驱动	-10~85°C	2~6V	2~6V	0.8A	0.23mA	SOP8
FH518	单路 H 桥驱动	-10~85°C	2~10V	2~10V	1.8A	0.18mA	DIP8/ESOP8
FH1025A	单路 H 桥驱动	-10~85°C	2~6V	2~6V	1.8A	0.075mA	SOP8/ESOP8
ULN2003A	7 路达林顿阵列	-40~85°C	~50V	-	350 mA	-	DIP16/SOP16
ULN2003M	7 路达林顿阵列	-20~85°C	~40V	-	350 mA	-	DIP16/SOP16
ULN2003L	7 路达林顿阵列	-20~85°C	~30V	-	350 mA	-	DIP16/SOP16

续

ULN2803	8 路达林顿阵列	0~70°C	~40V	-	350 mA	-	DIP18/SOP18
FH2284	五点 LED 电平指示	-10~70°C	3.5~16V	-	15mA	5 mA	SIP9/SOP14
LM3914	十点 LED 电平指示	0~70°C	~20V	-	20mA	3 mA	DIP18
LM3915	十点 LED 电平指示	0~70°C	~20V	-	20mA	3 mA	DIP18
LM3916	十点 LED 电平指示	0~70°C	~20V	-	20mA	3 mA	DIP18
FH7219	8*8LED 点阵驱动	0~70°C	~6V	-	40mA	5 mA	DIP24/SOP24

● 音频功率放大器

型号 Product	特点描述 Description	工作温度 TA Range	供电电压 Vcc	静态电流 Iq (Typ)	最大输出功率 Power out Max	失真度 THD	封装 Package
FH2025S	AB 类双通道输出	0~70°C	3~9V	40mA	1.3 W*2 (Stereo 9V 8Ω)	0.3	DIP16
FH2025	AB 类双通道输出	0~70°C	3~12V	40mA	2.3W*2 (Stereo 12V 8Ω) 4.7W (BTL 9V 8Ω)	0.3	DIP16
FH2206	AB 类双通道输出	0~70°C	3~12V	40mA	2.3W*2 (Stereo 12V 8Ω) 4.7W (BTL 9V 8Ω)	0.3	DIP16
FH2822S	AB 类双通道输出	0~70°C	1.8~6V	6mA	0.1W*2 (Stereo 3V 4Ω) 0.35W (BTL 3V 4Ω)	-	DIP8/SOP8
FH2822Z	AB 类双通道输出	0~70°C	1.8~12V	6mA	1W*2 (Stereo 9V 8Ω) 2W (BTL 9V 16Ω)	-	DIP8/SOP8
FH8227	AB 类双通道输出	-10~75°C	5~15V	21mA	3W*2 (9V 3Ω)	0.2%	HDIP12
FH386	AB 类低压小功率	0~70°C	4~12V	4 mA	0.7W (9V 8Ω)	0.2%	DIP8/SOP8
TDA2003	AB 类单通道输出	0~70°C	8~18V	44 mA	10W (14.4V 2Ω)	0.15%	TO-220B/ TO-263
TDA2030	AB 类单通道输出	0~70°C	±6~±18V	40 mA	14W (±14V 4Ω)	0.2%	TO-220B
TDA2005	AB 类双通道输出	0~70°C	8~18V	70 mA	10W*2 (Stereo 14.4V 2Ω) 20W (BTL 14.4V 4Ω)	0.5%	ZIP11
FH2068	AB 类双 BTL	-10~85°C	4.5~5.5V	9 mA	2.6W*2 (双 BTL 5V 4Ω)	0.09%	ESOP16
FH6282	AB 类双通道输出	0~75°C	6~15V	19 mA	4.6W*2 (12V 4Ω)	0.25%	FSIP12
FH6283	AB 类双通道输出	0~75°C	6~15V	19 mA	4.6W*2 (12V 4Ω)	0.25%	FSIP12
FH34119	AB 类低功率	0~70°C	2~15V	2.7 mA	400mW(BTL 12V 100Ω)	0.5%	DIP8/SOP8
FH8602	AB 类低功率	0~70°C	2~15V	2.7 mA	400mW(BTL 12V 100Ω)	0.5%	DIP8/SOP8

● 运算放大器

LM358	通用双运放	0~70℃	3~32 V	0.5mA	≤ 5 mV	< 250 nA	1MHz	0.4V/us	DIP8/SOP8
LM358S	通用双运放	0~70℃	3~24 V	0.5mA	≤ 5 mV	< 250 nA	1MHz	0.4V/us	DIP8/SOP8
LM358LS	通用双运放	0~70℃	3~18 V	0.5mA	≤ 5 mV	< 250 nA	1MHz	0.4V/us	DIP8/SOP8
LM321	通用单运放	0~70℃	3~24 V	0.5mA	≤ 5 mV	< 250 nA	1MHz	0.4V/us	SOT23-5
LM324	通用四运放	0~70℃	3~32 V	1.2 mA	≤ 5 mV	< 250 nA	1.2 MHz	0.5V/us	DIP14/SOP14
LM324S	通用四运放	0~70℃	3~24V	1.2 mA	≤ 5 mV	< 250 nA	1.2 MHz	0.5V/us	DIP14/SOP14
LM4558	通用双运放	0~70℃	$\pm 2 \sim \pm 22$ V	3 mA	≤ 5 mV	< 250 nA	3MHz	1.7V/us	DIP8/SOP8
JR4558	低噪双运放	-40~85℃	$\pm 2 \sim \pm 22$ V	3.6 mA	≤ 5 mV	< 400 nA	3MHz	1V/us	DIP8/SOP8
JR4580	低噪双运放	-40~85℃	$\pm 2 \sim \pm 22$ V	6 mA	≤ 3 mV	< 500 nA	15MHz	5V/us	DIP8/SOP8
NE5532	低噪双运放	-40~85℃	$\pm 2 \sim \pm 22$ V	8 mA	≤ 4 mV	< 800 nA	22MHz	9V/us	DIP8/SOP8
LM833	低噪双运放	-40~85℃	$\pm 2 \sim \pm 18$ V	5 mA	≤ 5 mV	< 1000 nA	15MHz	7V/us	DIP8/SOP8
KS4558	低噪双运放	-40~85℃	$\pm 2 \sim \pm 22$ V	6 mA	≤ 5 mV	< 400 nA	1.6MHz	0.8V/us	DIP8/SOP8
LM258	工业级运放	-25~85℃	3~32 V	0.7 mA	≤ 5 mV	< 250 nA	1MHz	0.4V/us	DIP8/SOP8
LM2904	工业级运放	-40~125℃	3~26 V	0.7 mA	≤ 7 mV	< 250 nA	1MHz	0.4V/us	DIP8/SOP8
TL062	JFET 输入运放	0~70℃	$\pm 3 \sim \pm 18$ V	450uA	≤ 6 mV	< 200 pA	1MHz	3.5V/us	DIP8/SOP8
TL064	JFET 输入运放	0~70℃	$\pm 3 \sim \pm 18$ V	800uA	≤ 6 mV	< 200 pA	1MHz	3.5V/us	DIP14/SOP14
TL072	JFET 输入运放	0~70℃	$\pm 3 \sim \pm 18$ V	2.4 mA	≤ 6 mV	< 200 pA	3MHz	13V/us	DIP8/SOP8
TL074	JFET 输入运放	0~70℃	$\pm 3 \sim \pm 18$ V	4.8 mA	≤ 6 mV	< 200 pA	3MHz	13V/us	DIP14/SOP14
TL081	JFET 输入运放	0~70℃	$\pm 3 \sim \pm 18$ V	1.4 mA	≤ 6 mV	< 200 pA	3MHz	13V/us	DIP8/SOP8
TL082	JFET 输入运放	0~70℃	$\pm 3 \sim \pm 18$ V	2.8 mA	≤ 6 mV	< 200 pA	3MHz	13V/us	DIP8/SOP8
TL084	JFET 输入运放	0~70℃	$\pm 3 \sim \pm 18$ V	5.6 mA	≤ 6 mV	< 200 pA	3MHz	13V/us	DIP14/SOP14
OP07C	低失调运放	-40~85℃	$\pm 2 \sim \pm 22$ V	4.5 mA	≤ 0.15 mV	< 7 nA	0.6MHz	0.4V/us	DIP8/SOP8
CA3140	MOS 输入运放	-40~125℃	$\pm 3 \sim \pm 18$ V	4 mA	≤ 6 mV	< 50 pA	4.5MHz	9V/us	DIP8/SOP8
LM13700m	双路跨导运放	0~70℃	10~32 V	2.2 mA	≤ 5 mV	< 5 uA	-	-	DIP16/SOP16
LMV321	轨到轨低功耗	-40~85℃	2.1~5.5 V	45uA	≤ 5 mV	10 pA	1MHz	0.5V/us	SOT23-5
LMV358	轨到轨低功耗	-40~85℃	2.1~5.5 V	90uA	≤ 5 mV	10 pA	1MHz	0.5V/us	DIP8/SOP8
LMV324	轨到轨低功耗	-40~85℃	2.1~5.5 V	210 uA	≤ 5 mV	10 pA	1MHz	0.5V/us	DIP14/SOP14
FH8054	轨到轨高速	-40~85℃	2.5~5.5 V	10 mA	≤ 8 mV	10 pA	250MHz	130V/us	DIP14/SOP14

● 比较器

型号 Product	描述 Description	工作温度 TA Range	工作电压 Vcc	静态功耗 Iq	失调电压 Vos	偏置电流 Iib	封装 Package
LM339	四电压比较器	0~70°C	±1.5~±18 V	1.5 mA	<±5 mV	<250 nA	DIP14/SOP14
LM339S	四电压比较器	0~70°C	±1.5~±15 V	1.5 mA	<±5 mV	<250 nA	DIP14/SOP14
LM393	双电压比较器	0~70°C	±1.5~±18 V	0.7mA	<±5 mV	<250 nA	DIP8/SOP8
LM311	高灵活比较器	0~70°C	±1.5~±15 V	2.4 mA	<±7.5 mV	<250 nA	DIP8/SOP8

● CD4000/74 系列逻辑器件

型号 Product	特点描述 Description	工作温度 TA Range	供电电压 Vcc	静态电流 Iq (Typ)	封装 Package
CD4069	6 路反相器	0~70°C	3~15V	<2uA	DIP14/SOP14
74HC595D	8 位串并转换移位寄存器	-20~85°C	2V~5.5V	<80uA	DIP16/SOP16
74HC138	3-8 线译码器	0~70°C	3V~5.5V	<5uA	DIP16/SOP16

● 时基电路/RTC 时钟电路

型号 Product	特点描述 Description	工作温度 TA Range	供电电压 Vcc	静态电流 Iq (Typ)	驱动电流 Iout	封装 Package
NE555	通用时基电路	0~70°C	4.5~15V	2.7 mA	100mA	DIP8/SOP8
NE556	双时基电路	0~70°C	4.5~15V	6 mA	100mA	DIP14/SOP14
FHM7555	CMOS 定时器	0~85°C	4.5~15V	0.1 mA	10 mA	DIP16/SOP16
FH1302	涓流充电实时时钟	-20~80°C	2.0V~5.5V	<1 uA	-	SOP8
FH1307	I2C 实时时钟芯片	-10~85°C	4.5V~5.5V	<1 uA	-	DIP8/SOP8

● 触摸芯片

型号 Product	特点描述 Description	工作温度 TA Range	供电电压 Vcc	静态电流 Iq (Typ)	驱动电流 Iout	封装 Package
TS01S	单通道电容感应触摸按键	-10~75°C	2.5V~5V	50uA	3mA	SOT23-6
TS04	四通道电容感应触摸按键	-10~70°C	2.5V~5V	80uA	3mA	SOP14

● 专用电路

型号 Product	特点描述 Description	工作温度 TA Range	供电电压 Vcc	静态电流 Iq (Typ)	驱动电流 Iout	封装 Package
MC34018	免提通话电路	0~70°C	7~12V	<9mA	-	SOP28
LM2907	频率-电压转换	-10~85°C	12~28V	3.8mA	50mA	DIP8/DIP14
LM2917	频率-电压转换	-10~85°C	12~28V	3.8 mA	50 mA	DIP8/DIP14
U211B	相位控制电路	-10~85°C	-15V~-12V	-2.5mA	-	SOP16/DIP18
YB6638	车载摆动控制电路	0~60°C	1~1.5V	0.6 uA	-	COB
BISS0001	红外传感信号处理器	-10~70°C	3~5V	100 uA	-	DIP16/DIP16
FH901	单火线取电电路	-10~70°C	3~5V	70uA	40mA	SOP8

● 2 wire EEPROM (I2C)

P/N	Density	Org	Vcc	Speed @>2.5V
24C02A	2k	256 x 8	1.8V-5.5V	400 kHz
24C04A	4k	512 x 8	1.8V-5.5V	400 kHz
24C08A	8k	1024 x 8	1.8V-5.5V	400 kHz
24C16A	16k	2k x 8	1.8V-5.5V	400 kHz
24C32A	32k	4k x8	1.8V-5.5V	400 kHz
24C64A	64k	8k x 8	1.8V-5.5V	400 kHz
24C128A	128k	16k x 8	1.8V-5.5V	400 kHz
24C256A	256k	32k x 8	1.8V-5.5V	400 kHz
24C512A	512k	64k x 8	1.8V-5.5V	400 kHz