REGÜLATÖR

AMS1117-3.3V

STM32FH750VB
STM32H743VI
ARM KART

供电指示灯

LED指示灯

按键

标准MicroUSB接口
即常见安卓手机供电接口

Micro_USB

BOOT0	BOOT1	启动方式
0	无关	用户闪存
1	0	ISP下载模式
1	1	内部RAM

TFT EKRAN

SD/TF卡接口(小卡座，自弹)

可以接本店摄像头模块：

OV2640-200万像素

OV5640-500万像素(自动对焦)

此处为FPC插座（翻盖式）
店铺可以选购FPC转接延长线

店铺1: mcudev.taobao.com
店铺2: shop389957290.taobao.com

DCMI接口-摄像头插座

扩展I/O接口

STM32H750VB /H743VI

STM32H7xx

W25QXX

BAT54C

Date: 2019-11-23
File: Z:\VMDOC\...\STM32_H7XX_M.SchDoc
Drawn By:

直径**3mm**

SWD J1
J5
BT0 3V3 GND SCK

LCD / OLED

DevEBox

mcudev.taobao.com

SD_Card

mcudev.taobao.com

62.48（mm）

68.59（mm）

34.79（mm）

40.89

Bill of Materials

\<Parameter Title not found\>

Source Data From:	**STM32_H7XX_M.PrjPcb**
Project:	**STM32_H7XX_M.PrjPcb**
Variant:	**None**

Creation Date: 2019-11-23   下午 01:44:44

Print Date: 43792   43792.57279

Footprint	Comment	LibRef	Designator	Description	Quantity
SIP2-2.54mm	BAT	BATTERY	B1		1
RC0402	104	Cap, CAP, CAP, CAP, Cap, Cap, Cap, Cap, Cap, Cap, Cap, Cap Semi, CAP, Cap	C1, C3, C4, C6, C7, C12, C13, C14, C15, C16, C17, C19, C20, C23	Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor (Semiconductor SIM Model), [NoValue], Capacitor	14
RC0805	106	ELECTRO2, ELECTRO2, Cap	C2, C5, C18	[NoValue], [NoValue], Capacitor	3
RC0402	10P	CAP	C8, C9		2
RC0402	20P	CAP	C10, C11	Capacitor	2
RC0603	2.2uF	Cap	C21, C22	Capacitor	2
LED-0603	LED	LED	D1, D2		2
SOD_323	5V1	Diode	D3	Default Diode	1
SIP5-2.54mm	SPI_1X5	Header 5H	J1	Header, 5-Pin, Right Angle	1
IDE2X22	Header 22X2	Header 22X2	J2, J3	Header, 22-Pin, Dual row	2
HDR1X8	SIP8-2.54mm	Header 8	J4	Header, 8-Pin	1
micro_USB	Micro_USB	MiniUSB	J5		1
FPC24-05MM	FPC-24P	FPC-24P	J6		1
SW-SPST	Key	SW-PB	K1, K2, RST		3
RC0805	500mA	RES	L1		1
SOT-23-BAT54C	BAT54C	BAT54C	Q1		1
RC0402	10K	Res2	R1, R4, R7	Resistor	3
RC0402	0R	Res2	R2, R3, R11, R34	Resistor	4
RC0402	510R	Res2	R5, R14	Resistor	2
SOT-223	AMS1117-3.3V	11	U1		1
	STM32H7xx	STM32H750V	U2		1
SOP8L	W25QXX	W25QXX	U3		1
	MiniSD	MiniSD	U5		1
JZ3215-32K	32.768K	CRYSTAL	Y1	晶振	1
JZ5032-8M	25M	CRYSTAL	Y2	Crystal	1
					53

Approved   **Notes**