

Rockchip Solutions Components Support List

***Ver 1.0
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Revision History

Revision No.	History	Date	Editor
Version 1.0	ORG.	2013.02.04	Wxt /Linting

Symbol

Symbol	Description
√	Fully Tested and Mass Production
T/A	Fully Tested and Application
D/A	Datasheet Application
N/A	Not Application

Notes:

1. The following is a list component that RK tablet platforms supported, for DDR, eMMC, NAND, WIFI & BT and 3G, please refer the detail document.
2. It is no means Rockchip guarantee the quality and performance of the component listed in the table.
Customers must certificate these components in their products.

1. DDR Support List

Please refer to the RK DDR support list document.

2. 3G Support List

Please refer to RK 3G support list documents.

3. eMMC And NAND Support List

eMMC: Please refer to the RKeMMC support list document.

NAND: Please refer to the RKNandFlash Support List document.

4. WIFI&BT Support List

Please refer to RKWiFi support list document.

5. TP Controller Support List

Model	Vendor	Part number	RK292x/RK3066/RK3168/RK3188
TP	VTL	CT360/CT365	√
	EETI	EGALAX_I2C	√
	FocalTech	FT5406	T/A
	GOODIX	GT801	√
	GOODIX	GT819	√
	GOODIX	GT81X	√
	GOODIX	GT81X*2	T/A
	ILITEK	ILITEK2102	T/A
	ITE	IT7260	T/A
	Lowpowerse	LZ300	T/A
	ATMEL	MAXTOUCH 224	T/A
	Morgan	MG-TOUCH	T/A
	Raydium	RM310XX	√
	SEMICON	ST15XX	√
	TouchPlus	TOUCHPLUS TX64	T/A

6. PMU Support List

Note: PMU is dependent across RK3066 & RK31xx, RK support only which marked T/A or √.

Model	Vendor	Part number	RK292x	RK3066	RK3168	Rk3188
PMU	Wolfson	WM8310	√			
	Wolfson	WM8326		√	√	√
	TI	TPS80032		√		
	TI	TPS659102	√	√	√	
	Active-Semi	ACT8931	√	√		
	Active-Semi	ACT8846			√	√

7. Camera Support List

Model	Vendor	Part number	RK292X/RK3066/RK3168/RK318
Camera	OmnVision	OV2640	√
	OmnVision	OV2655	√
	OmnVision	OV2659	√
	OmnVision	OV3640	√
	OmnVision	OV3660	D/A
	OmnVision	OV5642	√
	OmnVision	OV5640	T/A
	OmnVision	OV6650	T/A
	OmnVision	OV7670	D/A
	OmnVision	OV7675	√
	OmnVision	OV7690	√
	OmnVision	OV9640	T/A
	OmnVision	OV9650	T/A
	MICRON	MT9D001	D/A
	MICRON	MT9D112	√
	MICRON	MT9D113	D/A
	MICRON	MT9P111	√
	MICRON	MT9T031	T/A
	MICRON	MT9T111	√
	MICRON	MT9T112	√
	MICRON	MT9V022	T/A
	MICRON	MT9V032	T/A
	GALAXYCORE	GC0307	√
	GALAXYCORE	GC0308	D/A
	GALAXYCORE	GC0309	D/A
	GALAXYCORE	GC2015	√
	GALAXYCORE	GC2035	T/A
	GALAXYCORE	GC0309	√
	GALAXYCORE	GC0329	√
	SID	SID130B	√
	SID	SIV120B	D/A
	SID	SIV121D	D/A
	Hyinx	HI253	√
	Hyinx	HI704	√
	SANSUNG	S5K5CAGA	√
	SAMSUNG	S5K6AA	√
	BK	NT99250	√

8. Sensor Support List

Model	Vendor	Part number	type	RK292X/RK3066/RK3168/R
Sensor	FreeScale	MAG3110	Compass	√
	AKM	AK8963	Compass	T/A
	AKM	AK8975	Compass	√
	Capella	CM3217	light sensor	√
	Capella	CM3231	light sensor	T/A
	Capella	CM3232	light sensor	T/A
	Siliconlab	SI114X	light sensor	T/A
	Intersil	ISL29028	light sensor	T/A
	TAOS	TSL2580	light sensor	√
	UPISEMIC	US5151	light sensor	T/A
	ADI	ADXL345	Gsensor	T/A
	Freescall	MMA8452	Gsensor	√
	FreeScale	MMA7660	Gsensor	√
	Kionix	KXTF9	Gsensor	T/A
	ST	LSM303DLH	Gsensor	T/A
	ST	LIS3DH	GSensor	√
	Invensens	MPU6050	GSensor	√
	Invensens	MPU3050	Gryo Sensor	√
	Invensens	MPU6050	Gryo Sensor	√
	ST	L3G4200D	Gryo Sensor	√

9. GPS Support List

Note: GPS is dependent across RK3xxx, RK support only which marked T/A or √.

Mode	Vendor	Part number	RK292X/RK3066/RK3168/RK3188
GPS	BROADCOM	BCM4751	√
	BROADCOM	BCM4770	T/A
	HWX	HV5820	T/A
	ST-ERICSSON	GNS7560	√

10. Gas Gauge & Charge IC Support List

Model	Vendor	Part number	RK292X/K3066/RK3168/RK3188
Gas Gauge	TI	BQ27210	√
	TI	BQ27510	√
	TI	BQ27541	√
	O2Micro	OZ8806	√
	CELLWISE	CW2015	T/A

Model	Vendor	Part number	RK292X/K3066/RK3168/RK3188
Charge IC	Summit	SMB347	√
	Summit	SMB147	√
	TI	BQ24159	T/A
	TI	BQ24195L	√
	TI	BQ24133	√
	TI	BQ24170	√
	MPS	MP2611	√
	MPS	MP2617	√
	lowpowersemi	LP28200	√
	lowpowersemi	LP28300	√
	O2Micro	OZ8556	√
	HTMAX	HX6202	√

11. Display interface Support List

Model	Vendor	Part number	RK292x	RK3066/RK3168/RK3188
LVDS	Rockchip	RK610	build-in LVDS	√
	Thine	THC63LVDM83		√
	TI	SN75LVDS83A		√
	TI	SN75LVDS83B		√
	TI	DS90C185		T/A
	Doestek	DTC34LM85AL		√

Model	Vendor	Part number	RK292x	RK3066/RK3168/RK3188
MIPI	Toshiba	TC358768	T/A	T/A
	solomon	SSD2828	T/A	T/A

Model	Vendor	Part number	RK292x	RK3066/RK3168/RK3188
eDP	analogix	ANX9804	T/A	T/A
	analogix	ANX9805	√	√
	analogix	ANX6345	T/A	T/A
	Paradetech	DP501	T/A	T/A

Model	Vendor	Part number	RK3168/RK3188
HDMI	Analogix	ANX7150	√
	silicon image	SiI9232	T/A
	silicon image	SiI9024	T/A
	Rockchip	RK610	720P
	ITE	IT66121	T/A

12. Codec Support List

Model	Vendor	Part number	RK3066/RK3168/RK3188
Codec	Realtek	ALC5616	√
	Realtek	ALC5621	√
	Realtek	ALC5623	√
	Realtek	ALC5625	√
	Realtek	ALC5631	√
	Realtek	ALC5633	√
	Wolfson	WM8904	√
	Wolfson	WM8960	T/A
	Wolfson	WM8962	√
	Wolfson	WM8988	√
	Wolfson	WM8994	√
	Everest	ES8323	√
	Everest	ES8388	√
	Cirrus Logic	CS42L51	√
	Cirrus Logic	CS42L52	√
	Cirrus Logic	CS4271	T/A
	TI	TLV320AIC325x	T/A
	TI	TLV320AIC3110	T/A
	TI	TLV320AIC3111	T/A
	IDT	ACS422x	T/A