

GM8136_GM8136S_GM8135S

COMPONENT

Approved List

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REVISION HISTORY

GM8136 Component Approved List

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Chapter 1

CMOS Sensor

This chapter contains the following section:

- 1.1 CMOS Sensor

1.1 CMOS Sensor

Vendor	Component Name	Note
OmniVision	OV9710	-
OmniVision	OV9715	
OmniVision	OV9712	
OmniVision	OV2715	-
OmniVision	OV2710	
OmniVision	OV7740	-
OmniVision	OV7720/5	-
Aptina	MT9D131	-
Aptina	MT9M034	-
Aptina	AR0331	
Aptina	AR0330	
Sony	IMX036	-
Sony	IMX076	-
Sony	IMX122	-
Sony	IMX222	-
Sony	IMX138	
Sony	IMX136	
Sony	IMX236	
Sony	IMX104	
Sony	IMX124	
Panasonic	MN34031	-
Himax	HM2055	-
Himax	HM1375	
SOI	JX-H22	
Pixelplus	POA030d	-
Pixelplus	PS1210	

Chapter 2

Memory

This chapter contains the following sections:

- 2.1 SPI NOR Flash
- 2.2 SPI NAND Flash
- 2.3 DDR3 SDRAM

2.1 SPI NOR Flash

Vendor	Component Name	Note
Winbond	W25Q64FVSG	8 MB
Winbond	W25Q128FVSG	16 MB
MXIC	MX25L6406E	8 MB
MXIC	MX25L25735F	32 MB, 4byte
MXIC	MX25L25635F	32 MB, 3-4 byte
SPANSION	S25FL164K	8 MB
SPANSION	S25FL128SAGMFI001	16 MB
ESMT	F25L64QA	8 MB
EON	EN25QH256	32 MB, 3-4 byte
EON	EN25QH128A	16 MB
Gigadevice	GD25Q128C	16 MB
Gigadevice	GD25Q64C	8 MB
Gigadevice	GD25Q256CFIG	32 MB, 3-4 byte

2.2 SPI NAND Flash

Vendor	Component Name	Note
Gigadevice	GD5F1GQ4UAYIG	128 MB
Eon	EN25LN512	64MB
Zentel	A5U12A21ASC	64MB
ESMT	F50L1G41A	128 MB
ATO	ATO25D1GA	128 MB

2.3 DDR3 SDRAM

Vendor	Component Name	Note
Samsung	K4B2G1646E-BCK0000	X16
ESMT	M15F2G16128A	X16
ESMT	M15F1G1664A	X16
NANYA	NT5CB128M16FP	X16
Etron	EM6GD16EWXC	X16

Chapter 3

Ethernet

This chapter contains the following section:

- 3.1 USB WiFi
- 3.2 MAC PHY

3.1 USB WiFi

Vendor	Component Name	Note
MediaTek	RT5370	USB
MediaTek	MT7601	USB
MediaTek	MT7603	USB
Realtek	RTL8192EU	USB
Realtek	RTL8188EU	USB
Realtek	RTL8723BU	USB, BT

3.2 MAC PHY

Vendor	Component Name	Note
ICPLUS	IP101GR	
Realtek	RTL8201F	

Chapter 4

Video Decoder

This chapter contains the following section:

- 4.1 Video Decoder

4.1 Video Decoder

Vendor	Component Name	Note
Techwell	TW9910	-
Techwell	TW9900	-

Chapter 5

HDMI

This chapter contains the following section:

- 5.1 HDMI DAC

5.1 HDMI DAC

Vendor	Component Name	Note
ITE	CAT6612	-

Chapter 6

Power

This chapter contains the following sections:

- 6.1 DC-DC
- 6.2 LDO Regulator

6.1 DC-DC

Vendor	Component Name	Note
GMT	G5642	-
GMT	G5699	-
GMT	G5628	-
GMT	G2626	
GMT	G5725	
LINEAR	LA8002	
LINEAR	LA8003	
LINEAR	LA8004	
ZILLTEK	ZT7103	
ZILLTEK	ZT2120D	
ZILLTEK	ZT1459S	
MPS	MP1470	

6.2 LDO Regulator

Vendor	Component Name	Note
GMT	G9131	-
IAT	AT5231	-
SII	S-1206	-

Chapter 7

DMIC

This chapter contains the following sections:

- 7.1 DMIC

7.1 DMIC

Vendor	Component Name	Note
Zilltek	ZTS6032	-



Chapter 8

Flash Programmer

This chapter contains the following sections:

- 8.1 Flash Programmer

8.1 Flash Programmer

Vendor	Component Name	Note
Dediprog	ProgMaster-U8	For SPI NAND
Leap	SU-3280	For SPI NAND