

CPU
Freescale iMX6
ARM Cortex-A9
Solo/Dual core
1000MHz

Memory
DDR3
512/1024MBytes

eMMC Flash
memory
4 GBytes

Ethernet PHY
100/10M

Power system

2 x USB
Mini PCIe
HDMI
Ethernet RX/TX
2 x SD/MMC
LCD
2 x LVDS
CSI
i2S
3 x UART
2 x SPI
2 x I2C
2 x CAN
PWM
SPDIF
EMI

Added from V1.0
for able 16Bit CSI1

X1			
SD2_D0	44	SD2_D1	I2C1_SDA
SD2_D2	43	SD2_D2	I2C1_SCL
SD2_D3	45	SD2_D3	I2C2_SDA
GND	47	GND	I2C2_SCL
SPDIF_OUT	49	RESERVED	PWM2
SPDIF_IN	51	RESERVED	PWM1
HDMI_HPD	53	RESERVED	GND
ON_OFF	55	RESERVED	CSI_PCK
ON_RED	57	RESERVED	CSI_HS
	59	RESERVED	CSI_VS
	61	RESERVED	CSI_D7
	63	RESERVED	CSI_D6
	65	RESERVED	CSI_D5
	67	RESERVED	CSI_D4
	69	RESERVED	CSI_D3
	71	RESERVED	CSI_D2
	73	RESERVED	CSI_D1
	75	RESERVED	CSI_D0
	77	RESERVED	AUD_TXFS
	79	RESERVED	AUD_RXD
	81	RESERVED	AUD_TXD
	83	RESERVED	AUD_TXC
	85	RESERVED	AUD_MCLK
	87	GND	GND
	89	SATA_TXP	BUS_BCLK
	91	SATA_TXN	BUS_CS1
	93	SATA_RXN	BUS_CS0
	95	SATA_RXP	BUS_OE
	97	GND	BUS_WAIT
	99	HDMI_CKN	BUS_RW
	101	HDMI_CKP	BUS_LBA
	103	HDMI_NO	BUS_EB1
	105	HDMI_PO	BUS_EB0
	107	HDMI_PI	BUS_DA15
	109	HDMI_P1	BUS_DA14
	111	HDMI_P2	BUS_DA13
	113	HDMI_P2	BUS_DA12
	115	GND	BUS_DA11
	117	LVDS1_0_TXN	BUS_DA10
	119	LVDS1_0_TXP	BUS_DA9
	121	LVDS1_1_TXN	BUS_DA8
	123	LVDS1_1_TXP	BUS_DA7
	125	LVDS1_2_TXN	BUS_DA6
	127	LVDS1_2_TXP	BUS_DA5
	129	LVDS1_CLKN	BUS_DA4
	131	LVDS1_CLKP	BUS_DA3
	133	LVDS1_3_TXN	BUS_DA2
	135	LVDS1_3_TXP	BUS_DA1
	137	GND	BUS_DA0
	139	USB4_N	GND
	141	USB4_P	LCD_DE
	143	USB3_N	LCD_VS
	145	USB3_P	LCD_HS
	147	USB2_N	LCD_B7
	149	USB2_P	LCD_B6
	151	USB1_OTG_N	LCD_B5
	153	USB1_OTG_P	LCD_B4
	155	USB1_OTG_VBUS	LCD_B3
	157	USB1_OTG_ID	LCD_B2
	159	3.3V_OUT	LCD_B1
	161	ETH_LED1	LCD_B0
	163	ETH_LED2	LCD_G7
	165	ETH_CT	LCD_G6
	167	ETH_TRD1P/TXP	LCD_G5
	169	ETH_TRD1N/TXN	LCD_G4
	171	ETH_TRD2P/RXP	LCD_G3
	173	ETH_TRD2N/RXN	LCD_G2
	175	ETH_TRD3P	LCD_G1
	177	ETH_TRD3N	LCD_G0
	179	ETH_TRD4P	LCD_R7
	181	ETH_TRD4N	LCD_R6
	183	GND	LCD_R5
	185	PCIE_TXP	LCD_R4
	187	PCIE_TXN	LCD_R3
	189	PCIE_RXP	LCD_R2
	191	PCIE_RXN	LCD_R1
	193	PCIE_REFP	LCD_R0
	195	PCIE_REFN	LCD_CLK
	197	GND	GND
	199	3.3V_OUT	GND

X1			
SV	1	SV	2
SV	3	SV	4
SV	5	SV	6
GND	7	GND	8
GND	9	GND	10
SPI2_CLK	9	SPI2_CLK	SPI1_CLK
SPI2_CS	11	SPI2_CS	SPI1_CS
SPI2_MOSI	13	SPI2_MOSI	SPI1_MOSI
SPI2_MISO	15	SPI2_MISO	SPI1_MISO
RESET	17	RESET	UART1_TX_CON
VBAT	19	VBAT	UART1_RX_CON
SD1_D0	21	SD1_D0	UART2_TX
SD1_D1	23	SD1_D1	UART2_RX
SD1_D2	25	SD1_D2	UART3_TX
SD1_D3	27	SD1_D3	UART3_RX
SD1_CMD	29	SD1_CMD	GPIO2_16
SD1_CLK	31	SD1_CLK	GPIO3_27
3.3V	33	3.3V_OUT	CAN1_TX
SD2_CLK	35	SD2_CLK	CAN1_RX
SD2_CMD	37	SD2_CMD	CAN2_TX
SD2_D0	39	SD2_D0	CAN2_RX

SK-iMX6S/D-SODIMM	
www.starterkit.ru	
V1.0	