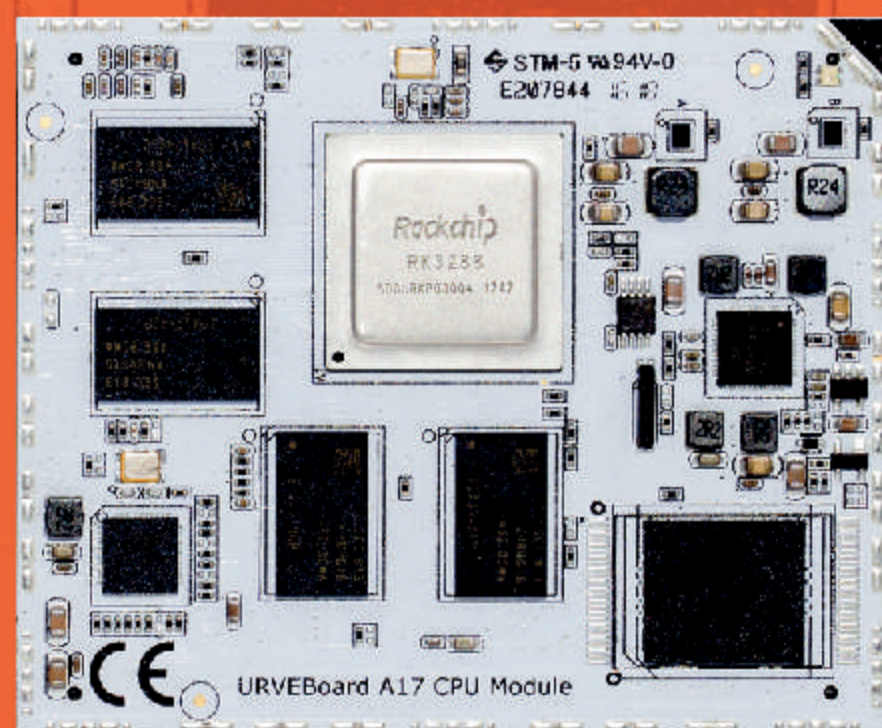




Designed for special tasks in
transport and **industry**



Multiple platform



Compatibility

24/7/365

Reliability

Specifications

CPU	
CPU	Quad Core Cortex™- A17
Clock speed	1.8 GHz Quad Core (4-core)
Operating system	Android™ 5.1 / Linux 4.16
MEMORY	
RAM	2GB DDR3
MEMORY	8GB eMMC
GRAPHICS	
GPU	ARM® Mali™-T764 GPU, TE, ASTC, AFBC
Support	OpenGL® ES1.1/2.0/3.0, OpenVG™1.1, OpenCL™, DirectX®11
ADAPTATION TO WORK CONDITIONS	
Operating temperature range	-10°C ~ 45°C (no condensation)
Relative humidity range	5% ~ 95% (no condensation)
Cooling system	Passive
Vibration resistance	Yes, no moving elements
DEVICE DIMENSIONS	
Dimensions	70,1 x 58,3 x 7,2 mm
Weight	25 g
CONTROL SOFTWARE	
Content display	URVE multimedia software *

* Additionally charged

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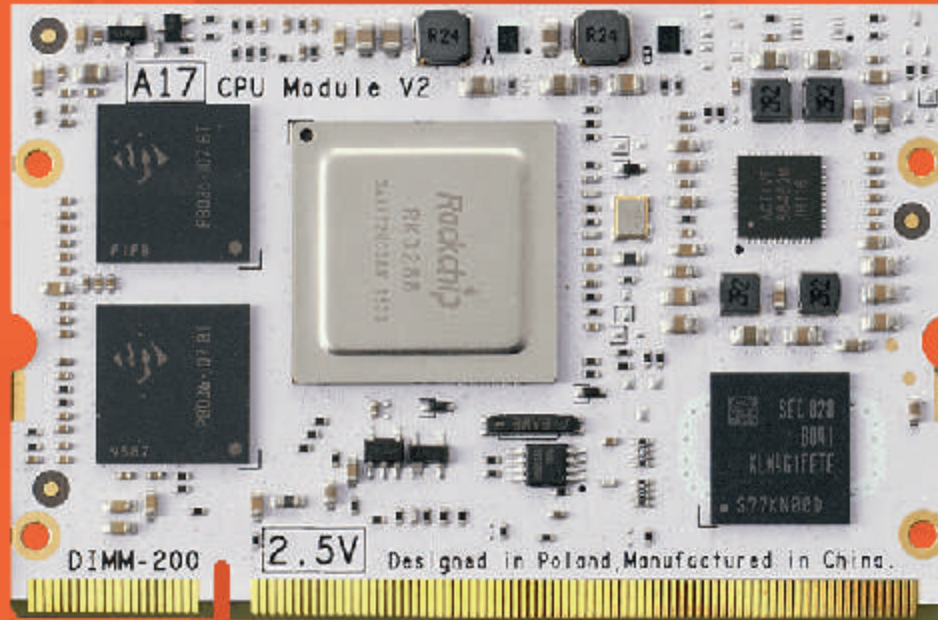


Header_A

TX_C	1	51	MIPI_TX/RX_D2P
TX_0	2	52	MIPI_TX/RX_D1P
TX_C+	3	53	MIPI_TX/RX_D3P
TX_0+	4	54	GND
GND	5	55	MIPI_TX/RX_D3N
GND	6	56	DVP_PWR
TX_1	7	57	HSIC_STROBE
TX_2	8	58	HSIC_DATA
TX_1+	9	59	GND
TX_2+	10	60	CIF_D1
HDMI_HPD	11	61	CIF_D0
HDMI_CEC	12	62	CIF_D3
I2CS_SDA_HDMI	13	63	CIF_D2
I2CS_SCL_HDMI	14	64	CIF_D5
GND	15	65	CIF_D4
LCD_VSYNC	16	66	CIF_D7
LCD_HSYNC	17	67	CIF_D6
LCD_CLK	18	68	CIF_D9
LCD_DEN	19	69	CIF_D8
LCD_D0_LD0P	20	70	CIF_PD0N
LCD_D1_LD0N	21	71	CIF_D10
LCD_D2_LD1P	22	72	CIF_HREF
LCD_D3_LD1N	23	73	CIF_VSYNC
LCD_D4_LD2P	24	74	CIF_CLKOUT
LCD_D5_LD2N	25	75	CIF_CLKIN
LCD_D6_LD3P	26	76	I2C3_SCL
LCD_D7_LD3N	27	77	I2C3_SDA
LCD_D8_LD4P	28	78	GND
LCD_D9_LD4N	29	79	GPIO0_B2_D
LCD_D10_LCK0P	30	80	GPIO7_A3_D
LCD_D11_LCK0N	31	81	GPIO7_A6_U
LCD_D12_LD5P	32	82	GPIO0_A6_U
LCD_D13_LD5N	33	83	LED0_AD0
LCD_D14_LD6P	34	84	LED1_AD1
LCD_D15_LD6N	35	85	VCC_LAN
LCD_D16_LD7P	36	86	PS2_DATA
LCD_D17_LD7N	37	87	PS2_CLK
LCD_D18_LD8P	38	88	ADC0_IN
LCD_D19_LD8N	39	89	GPIO0_A7_U
LCD_D20_LD9P	40	90	ADC1_IN
LCD_D21_LD9N	41	91	VCCIO_SD
LCD_D22_LCK1P	42	92	ADC2_IN
LCD_D23_LCK1N	43	93	VCCA_18
GND	44	94	VCCA_33
MIPI_TX/RX_CLKN	45	95	VCC_18
MIPI_TX/RX_D0P	46	96	VCC_RTC
MIPI_TX/RX_CLKP	47	97	VCC_IO
MIPI_TX/RX_D0N	48	98	GND
MIPI_TX/RX_D2N	49	99	VCC_IO
MIPI_TX/RX_D1N	50	100	GND

Header_B

VCC_SYS	1	51	SPI0_UART4_RXD
GND	2	52	SPI0_UART4_TXD
VCC_SYS	3	53	GND
GND	4	54	TS0_SYNC
nRESET	5	55	UART1_CTSn
MDIO+	6	56	UART1_RTSn
MDIO-	7	57	UART1_RX_TS0_D0
MDIO+	8	58	UART1_TX
MDIO-	9	59	TS0_CLK
IR_INT	10	60	TS0_VALID
MDIO+	11	61	TS0_ERR
MDIO+	12	62	GPIO7_B4_U
MDIO-	13	63	SDMMC_CLK
MDIO-	14	64	GND
GND	15	65	SDMMC_D0
RST_KEY	16	66	SDMMC_CMD
SDIO0_CMD	17	67	SDMMC_D2
SDIO0_D0	18	68	SDMMC_D1
SDIO0_D1	19	69	SDMMC_DET
SDIO0_D2	20	70	SDMMC_D3
SDIO0_D3	21	71	SDMMC_PWR
SDIO0_CLK	22	72	GPIO0_B5_D
BT_WAKE	23	73	GND
SDIO0_WP	24	74	GPIO7_B7_U
WIFI_REG_ON	25	75	I2S_SDI
BT_HOST_WAKE	26	76	I2S_MCLK
WIFI_HOST_WAKE	27	77	I2S_SCLK
BT_RST	28	78	I2S_LRCK_RX
SPI2_CLK	29	79	I2S_LRCK_TX
SPI2_CS0	30	80	I2S_SDO0
SPI2_RXD	31	81	I2S_SDO1
SPI2_TXD	32	82	I2S_SDO2
OTG_VBUS_DRV	33	83	I2S_SDO3
HOST_VBUS_DRV	34	84	SPDIF_TX
UART0_RX	35	85	I2C2_SDA
UART0_TX	36	86	GND
GND	37	87	I2C1_SDA
UART0_CTS	38	88	I2C2_SCL
OTG_DM	39	89	I2C4_SDA
UART0_RTS	40	90	I2C1_SCL
OTG_DP	41	91	UART2_RX
OTG_ID	42	92	I2C4_SCL
HOST1_DM	43	93	UART3_RX
OTG_DET	44	94	UART2_TX
HOST1_DP	45	95	UART3_RTSn
HOST2_DM	46	96	UART3_TX
SPI0_CS0	47	97	PWM1
HOST2_DP	48	98	UART3_CTSn
SPI0_CLK	49	99	PWR_KEY
GND	50	100	GPIO7_CS_D



Colibri T20 Compatible

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Linux

URVE

Compatibility

24/7/365

Reliability

Specifications

CPU

CPU

Clock speed

Operating system

Rockchip Industrial RK3288K
4x1.8 Ghz (4-core)
Android™ 6.0.1/Linux Kernel 4.4.154

MEMORY

RAM

MEMORY

2GB DDR3
8GB eMMC 5.1

ACCESSORIES

Watchdog

Kernel Watchdog

ADAPTATION TO WORK
CONDITIONS

Operating temperature range

Relative humidity range

Cooling system

Vibration resistance

-40°C ~ 80°C (no condensation)
5% ~ 95% (no condensation)
Passive
Yes, no moving elements

DEVICE DIMENSIONS

Dimensions

Weight

67,7 x 45,1 x 3 mm
10 g

CONTROL SOFTWARE

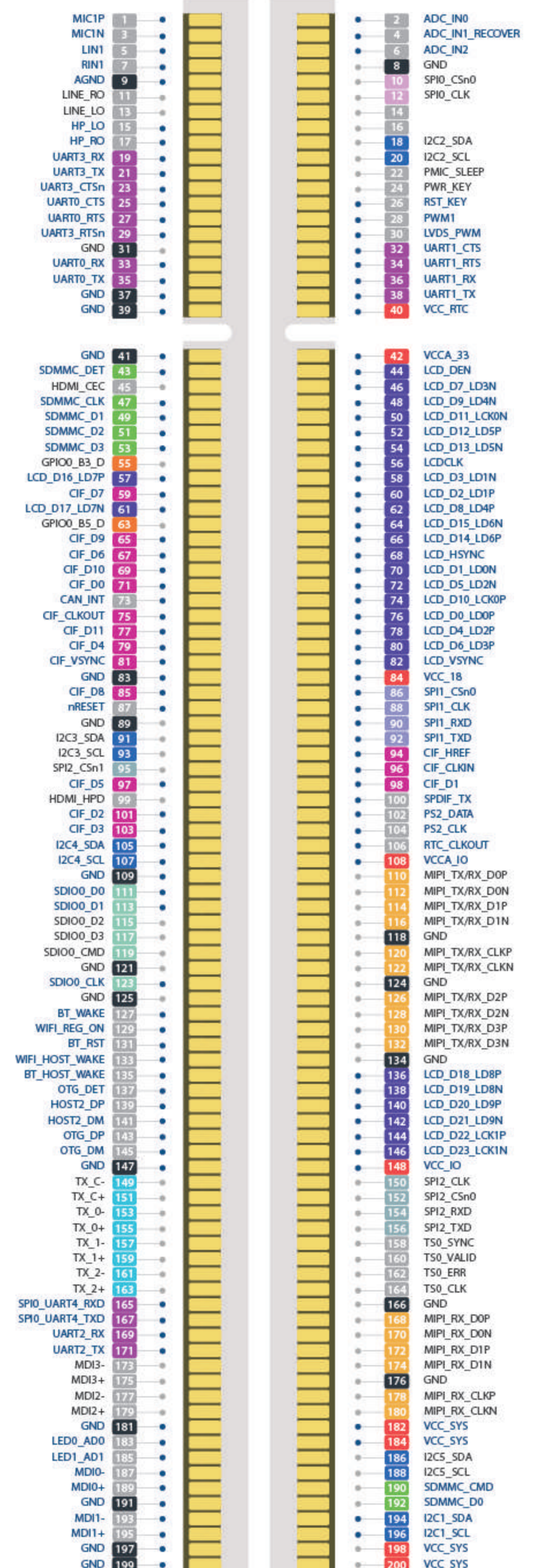
Content display

URVE multimedia software *

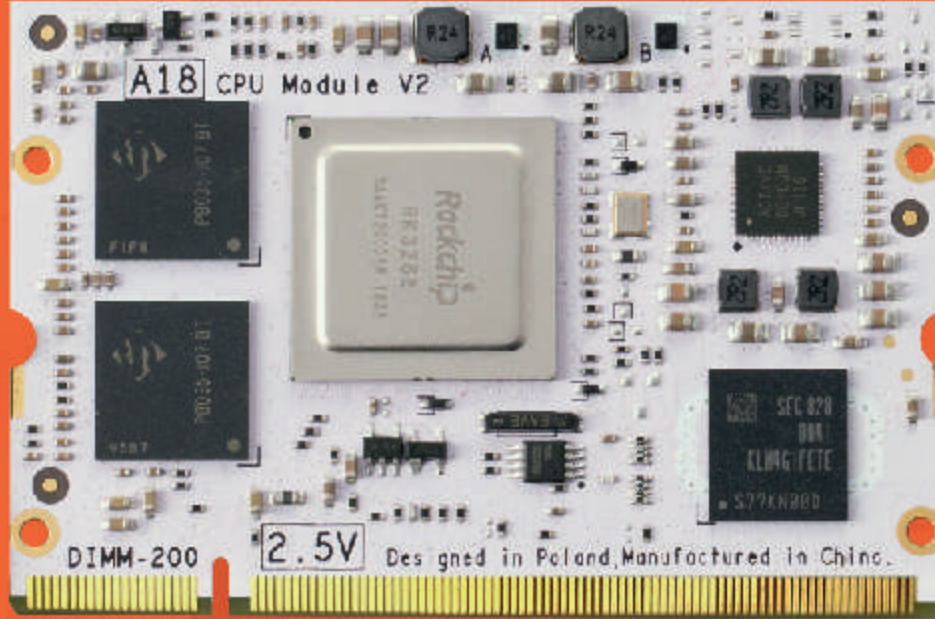
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CPU

CPU

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Operating system

Rockchip Industrial RK3288K
4x1.8 Ghz (4-core)
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RAM

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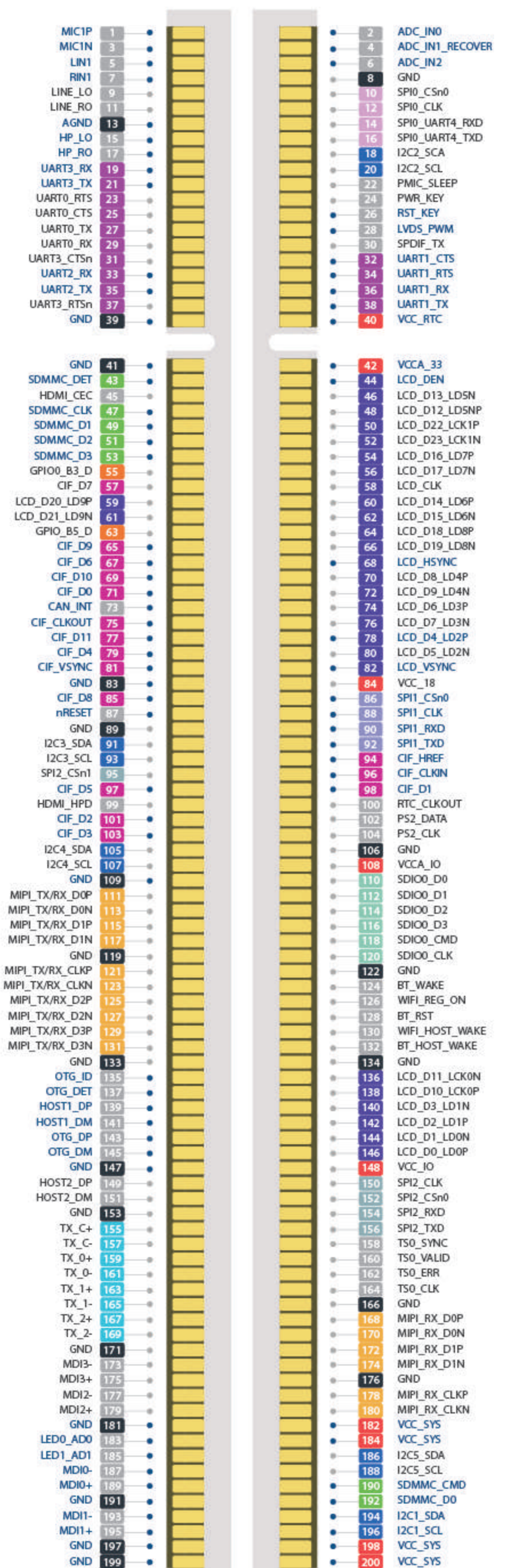
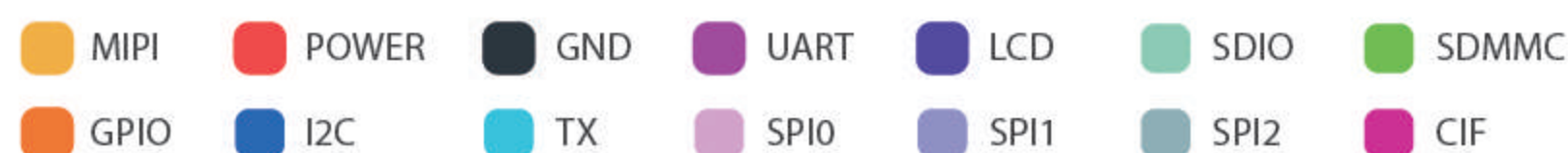
Content display

URVE multimedia software *

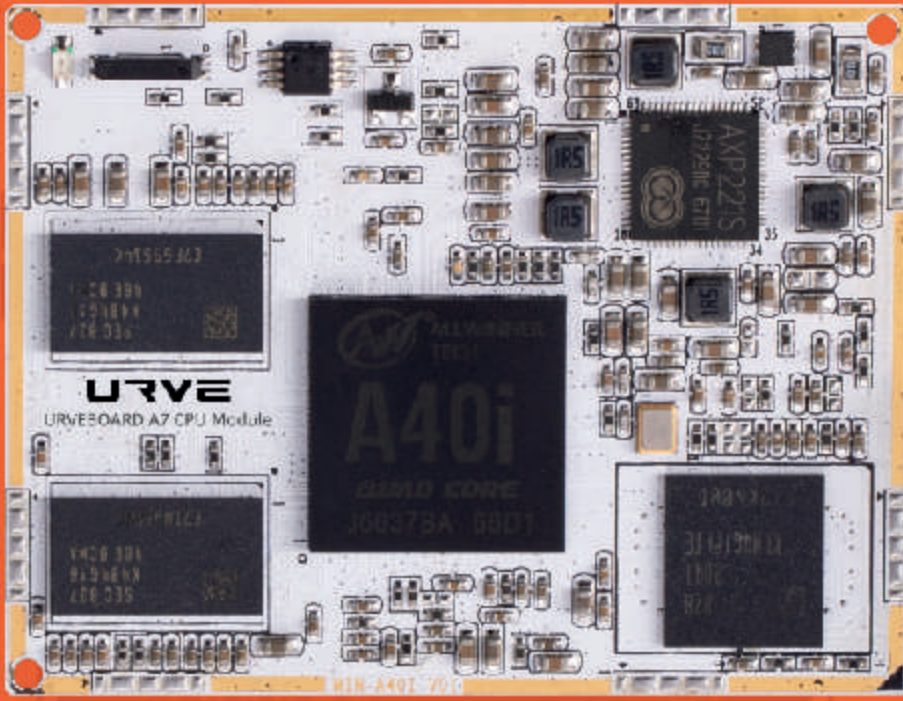
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Colibri T20 Compatible



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Linux

URVE

Compatibility

24/7/365

Reliability

Specifications

CPU

CPU
Clock speed
Operating system

AllWinner Industrial A40i
4x1.3GHz
Linux Kernel 4.4.100

MEMORY

RAM
MEMORY

512MB DDR3
4GB eMMC

ACCESSORIES

Watchdog

Kernel Watchdog

ADAPTATION TO WORK CONDITIONS

Operating temperature range
Relative humidity range
Cooling system
Vibration resistance

-20°C ~ 65°C (no condensation)
5% ~ 95% (no condensation)
Passive
Yes, no moving elements

DEVICE DIMENSIONS

Dimensions
Weight

58,5 x 45,3 x 4,3 mm
8 g

CONTROL SOFTWARE

Content display

URVE multimedia software *

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