

TB-96AI

X1

GND	1	51	GND
GND	2	52	VCC5V0_SYS_S3
NC	3	53	VCC5V0_SYS_S3
NC	4	54	VCC5V0_SYS_S3
NC	5	55	VCC5V0_SYS_S3
GND	6	56	VCC5V0_SYS_S3
TYPECO_SBU1	7	57	VCC5V0_SYS_S3
TYPECO_SBU2	8	58	VCC5V0_SYS_S3
GND	9	59	VCC5V0_SYS_S3
TYPECC1	10	60	VCC3V3_SYS_S3
TYPECC2	11	61	VCC1V8_S3
GND	12	62	GPIO2_D2/WIFI_HOST_WAKE_L
GPIO2_D4	13	63	SD100_CMD
TYPECC_HOST_EN	14	64	SD100_CLK
UART2_TX_DEBUG	15	65	SD100_D0
UART2_RX_DEBUG	16	66	SD100_D1
RESET_L	17	67	SD100_D2/JTAG_TCK
GPIO3_D4	18	68	SD100_D3/JTAG_TCK
GPIO3_D5	19	69	GND
NC	20	70	LCD_PWREN_H
TOUCH_RST_L/GPI04_C5	21	71	GPIO0_A5/TOUCH_INT_L
NC	22	72	LCD_BL_EN_H
NC	23	73	LCD_BL_PWM
VDC_PWREN	24	74	GND
PMIC_SLEEP_H	25	75	EDP_TXON
NC	26	76	EDP_TXOP
PWRON	27	77	GND
VCC_RTC_S5	28	78	EDP_TXIN
EXT_EN_H	29	79	EDP_TX1P
SPI1_RXD	30	80	GND
SPI1_TXD	31	81	EDP_TX2N
SPI1_CS0	32	82	EDP_TX2P
NC	33	83	GND
SPI1_CLK	34	84	EDP_AUXN
GND	35	85	EDP_AUXP
NC	36	86	GND
NC	37	87	EDP_TX3N
NC	38	88	EDP_TX3P
NC	39	89	GND
NC	40	90	I2C4_SDA(TOUCH_I2C)
GND	41	91	I2C4_SCL(TOUCH_I2C)
VBUS_TYPECO	42	92	I2C7_SDA_1V8
TYPECO_DP	43	93	I2C7_SCL_1V8
TYPECO_DM	44	94	GPIO0_A1/FAN_CTL
TYPECO_TX1P	45	95	TYPECO_TX2P
TYPECO_TX1N	46	96	TYPECO_TX2N
GND	47	97	GND
TYPECO_RX1P	48	98	TYPECO_RX2P
TYPECO_RX1N	49	99	TYPECO_RX2N
GND	50	100	GND

X2

GND	1	51	GND
NC	2	52	NC
NC	3	53	NC
NC	4	54	GND
NC	5	55	NC
NC	6	56	NC
GND	7	57	GND
PCIE_TX3P	8	58	NC
PCIE_TX3N	9	59	NC
GND	10	60	GND
PCIE_RX3P	11	61	NC
PCIE_RX3N	12	62	NC
GND	13	63	GND
PCIE_TX2P	14	64	NC
PCIE_TX2N	15	65	NC
GND	16	66	GND
PCIE_RX2P	17	67	NC
PCIE_RX2N	18	68	NC
GND	19	69	USB20_HOST0_DP
PCIE_TX0P	20	70	USB20_HOST0_DM
PCIE_TX0N	21	71	GND
GND	22	72	PCIE_TX1P
PCIE_RX0P	23	73	PCIE_TX1N
PCIE_RX0N	24	74	GND
GND	25	75	PCIE_RX1P
PCIE_REF_CLK_P	26	76	PCIE_RX1N
PCIE_REF_CLK_N	27	77	GND
PCIE_PWR_EN/GPIO0_A6	28	78	GPIO0_B0/PCIE_WAKE_L
PCIE_PERST#_L/GPIO0_B4	29	79	GND
GND	30	80	SPKN_OUT
NC	31	81	SPKP_OUT
NC	32	82	GND
GND	33	83	MIC1_IN
NC	34	84	MIC2_IN/ADC3_HP_HOOK
NC	35	85	GND
GND	36	86	HP_L
NC	37	87	HP_SNS
NC	38	88	HPR
GND	39	89	GND
NC	40	90	NC
NC	41	91	NC
GND	42	92	NPU_USB1_DP
NC	43	93	NPU_USB1_DM
NC	44	94	NC
NC	45	95	NPU_USB3_SSTXP
ADC_IN4	46	96	NPU_USB3_SSTXN
GND	47	97	GND
ADC2_KEY_IN	48	98	NPU_USB3_SSRXP
ADC_HP_HOOK	49	99	NPU_USB3_SSRXN
GND	50	100	GND

X3

GND	1	51	GND
MIPI_RX0_D2P	2	52	MIPI_RX0_CLKP
MIPI_RX0_D2N	3	53	MIPI_RX0_CLKN
GND	4	54	GND
MIPI_RX0_D3P	5	55	MIPI_RX0_D1P
MIPI_RX0_D3N	6	56	MIPI_RX0_D1N
GND	7	57	GND
MIPI_TX1/RX1_D3P	8	58	MIPI_RX0_D0P
MIPI_TX1/RX1_D3N	9	59	MIPI_RX0_D0N
GND	10	60	GND
MIPI_TX1/RX1_D2P	11	61	HDMI_TX2P
MIPI_TX1/RX1_D2N	12	62	HDMI_TX2N
GND	13	63	GND
MIPI_TX1/RX1_CLKP	14	64	HDMI_TX1P
MIPI_TX1/RX1_CLKN	15	65	HDMI_TX1N
GND	16	66	GND
MIPI_TX1/RX1_D1P	17	67	HDMI_TXCP
MIPI_TX1/RX1_D1N	18	68	HDMI_TXCN
GND	19	69	GND
MIPI_TX1/RX1_D0P	20	70	HDMI_TXOP
MIPI_TX1/RX1_D0N	21	71	HDMI_TXON
GND	22	72	GND
MIPI_TX0_D0P	23	73	I2C3_SCL_HDMI
MIPI_TX0_D0N	24	74	I2C3_SDA_HDMI
GND	25	75	HDMI_CEC
MIPI_TX0_D1P	26	76	HDMI_PORT_HPD
MIPI_TX0_D1N	27	77	VCC_LAN
GND	28	78	LED1_AD1
MIPI_TX0_CLKP	29	79	LEDO_ADO
MIPI_TX0_CLKN	30	80	NC
GND	31	81	GND
MIPI_TX0_D2P	32	82	LAN_MDIO+
MIPI_TX0_D2N	33	83	LAN_MDIO-
GND	34	84	GND
MIPI_TX0_D3P	35	85	LAN_MDII+
MIPI_TX0_D3N	36	86	LAN_MDII-
GND	37	87	GND
NC	38	88	LAN_MD12+
NC	39	89	LAN_MD12-
GND	40	90	GND
GPIO2_D3	41	91	LAN_MD13+
NC	42	92	LAN_MD13-
NC	43	93	GND
NC	44	94	I2C2_SCL_1V8
I2C1_SDA_1V8	45	95	I2C2_SDA_1V8
I2C1_SCL_1V8	46	96	MIPI_RX1_MCLK
MIPI_RX0_MCLK	47	97	GPIO4_D2/CSI1_RST
CS10_RST/GPI04_D1	48	98	GPIO4_D0/CSI1_PWDN
CS10_PWDN/GPI04_D5	49	99	GPIO4_C6
GND	50	100	GND

X4

GND	1	51	GND
TYPEC1_DP	2	52	NC
TYPEC1_DM	3	53	NC
NC	4	54	GND
TYPEC1_TX1P	5	55	NC
TYPEC1_TX1N	6	56	NC
GND	7	57	GND
TYPEC1_RX1P	8	58	NC
TYPEC1_RX1N	9	59	NC
SYSTEM_WORK_LED3	10	60	GND
SYSTEM_WORK_LED2	11	61	NC
GND	12	62	NC
I2S0_SCLK	13	63	GND
I2S0_SD10	14	64	NC
I2S0_SD00	15	65	NC
I2S0_LRCK	16	66	GND
I2S_CLK	17	67	NC
GND	18	68	NC
SYSTEM_WORK_LED1	19	69	GND
GPIO0_B5	20	70	NC
GPIO0_B1	21	71	NC
U3_VCC5V0_HOST_EN	22	72	GND
SYSTEM_WORK_LED0	23	73	NC
GPIO2_A6	24	74	NC
GPIO1_B5	25	75	GND
GPIO0_A3	26	76	NC
NPU_UART2_TX	27	77	NC
NPU_UART2_RX	28	78	NC
GND	29	79	NC
NC	30	80	NC
NC	31	81	GND
GND	32	82	USB2_0_HOST1_DP
NC	33	83	USB2_0_HOST1_DM
NC	34	84	GND
GND	35	85	SDMMCO_CMD
NC	36	86	SDMMCO_D0
NC	37	87	SDMMCO_CLK
GND	38	88	SDMMCO_D1
NC	39	89	SDMMCO_D2
NC	40	90	SDMMCO_D3
GND	41	91	SDMMCO_DET_L
NC	42	92	NC
NC	43	93	NC
NC	44	94	I2C6_SDA_1V8/GPI02_B1
NC	45	95	I2C6_SCL_1V8/GPI02_B2
GND	46	96	NC
UART0_TXD	47	97	NC
UART0_RXD	48	98	VCC3V3_SD_S0
UART0_RTS	49	99	UART0_CTS
GND	50	100	GND

