

Цепь	Комм	
Питание +3.3V	1	→ +3.3V JTAG_TMS
TMS	2	
GND0	3	→ GND0 JTAG_TCK
TCK	4	
GND0	5	→ JTAG_TDO
TDO	6	
RTCK	7	→ JTAG_TDI
TDI	8	
GND0	9	→ JTAG_TRST
TRST	10	

CPU	D1	P80	56	ETH_RXD02		
		P81	57	ETH_RXD03		
		P82	58			
		P83	161	JTAG_TDO		
		P84	162	JTAG_TREST		
		P85	163			
		P86	164	I2C1_SCL		
		P87	165	I2C1_SDA		
		P88	167	ETH_TXD03		
		P89	168			
		P90	79	ETH_RX_ER		
		P91	80	ETH_TX_EN		
		P92	92	ETH_TXD00		
		P93	93	ETH_TXD01		
		P94	94			
		P95	95			
				P100	142	D2
				P101	143	D3
				P102	144	
P103	145					
P104	146			TX_EN		
P105	147			WE		
P106	150					
P107	151			CS3		
P108	96			D13		
P109	97			D14		
P110	98			D15		
P111	99			A16		
P112	100			A17		
P113	101					
P114	104			D0		
P115	105			D1		
				P116	16	A0
				P117	17	A1
				P118	18	A2
		P119	19	A3		
		P120	20	A4		
		P121	21	A5		
		P122	24	UART7_RX		
		P123	25	UART7_TX		
		P124	26	L1		
		P125	27	L2		
		P126	28	L3		
		P127	59			
		P128	60	A6		
		P129	63	A7		
		P130	64	A8		
		P131	65	A9		
				P132	29	Z1
				P133	30	Z2
				P134	43	
P135	44			ETH_COL		
P136	45			I2C2_SCL		
P137	46			I2C2_SDA		
P138	84					
P139	85			D16		
P140	86			D17		
P141	87			D18		
P142	89			D20		
P143	128			D21		
P144	129			D22		
P145	130			D23		
				P146	131	
				P147	132	D24
				P148	133	D25
				P149	134	D26
				P150	173	B62
		P151	174	B63		
		P152	175	D28		
		P153	176	D29		
		P154	7			
		P155	11	D30		
		P156	12	D31		
		P157	13			
				GND24	37	
				GND	14	→ GND0
				GND	22	
				GND	61	
				GND	71	
				GND	90	
				GND	102	
GND	113					
		GND	126			
		GND	135			
		GND	148			
		GND	158			

D2

RAM

I00	7	00
I01	8	01
I02	9	02
I03	10	03
I04	11	04
I05	14	05
I06	15	06
I07	16	07
I08	29	08
I09	30	09
I010	31	01
I011	32	02
I012	35	01
I013	36	01
I014	37	01
I015	38	01
VCC	11	→ +3.3V
VCC	33	
GND	12	→ GND0
GND	34	
NC	28	

D3

RAM

I00	7	01
I01	8	01
I02	9	01
I03	10	01
I04	13	02
I05	14	02
I06	15	02
I07	16	02
I08	29	02
I09	30	02
I010	31	02
I011	32	02
I012	35	02
I013	36	02
I014	37	03
I015	38	03
VCC	11	→ +3.3V
VCC	33	
GND	12	→ GND0
GND	34	
NC	28	

D4

ROM

S0A	5	I2C1_S
SCL	6	I2C1_S
WCC	8	→ +3.3V
	7	→ GND0
	9	
	10	
	12	
	7	→ GND0

R1

DS1

2

→ +5V

R2

DS2

4

DET_GAR

R3

DS3

6

DET_TRU

R4

DS4

8

DET_TAN

DS5

DS5

10

DET_BAS

DS6

DS6

12

DS7

DS7

14

VCC

7

→ GND0

D6

PHY		
TD+	17	TD+
TD-	16	TD-
RD+	14	RD+
RD-	13	RD-
LED_LINK	28	LED_LINK
LED_SPEED	27	LED_SPEED
LED_ACT	26	LED_ACT

I0VDD33	22	+3.3V
I0VDD33	32	
I0VDD33	48	
I0GND	35	GND0
I0GND	47	
AGND	15	
AGND	19	
DGND	36	

RBIAS	24	RBIAS
PFBOUT	23	
PFBIN1	37	
PFBIN2	18	PF_POW

NC	20	PHITER_20
X1	31	PHYTER_Z1
X2	24	ETH_MCO
25MHz_OUT	33	
	25	

D7

CODEC		
MICBIAS	19	MICBIAS
INT1_L	13	MIC1_IN+
INT1_R	14	MIC1_IN-
INT2_L	15	MIC2_IN+
INT2_R	16	MIC2_IN-
IN3_L	20	
IN3_R	21	

L0L	22	LINE_OUT1
L0R	23	LINE_OUT2
HPL	25	
HPR	27	

LDOIN	26	+3.3V
REF	18	REF
DVCC	29	DVCC
AVCC	24	AVCC
IDVCC	6	+3.3V

D8

RS232		
DOUT1	13	RS232TX
RINI	8	RS232RX

C1+	2	
C1-	4	
C2+	5	
C2-	6	
V+	3	
V-	7	

+3.3V → C3 → GND0

C6

C7

C5

C8

+3.3V → GND0

T1

15 ETH_4B2+
16 ETH_TX-
14 ETH_TX-
11 ETH_RX+
9 ETH_RX-
10 ETH_4B2-

+3.3V → C4 → GND0

V1
V2
V3

ETH_4B2+

