Automotive PHY 产品 2024					
Features	YT8010A（百兆）	YT8010AN（百兆）	YT8011AN（千兆）	YT8011AR（千兆）	YT8011A（千兆）
Status	MP	MP	MP	MP	MP
Package	QFN-36 (6mm * 6mm)	QFN-48 (7mm * 7mm)	QFN-48 (7mm * 7mm)	QFN-40 (6mm * 6mm)	QFN-48 (7mm * 7mm)
Power Supply	3.3V/1.2V	3.3V/0.9V	3.3V/0.9V	3.3V/0.9V	3.3V/0.9V
VBAT @Sleep	3.3V	3.3V	3.3V	3.3V	12V
Integrated Regulator	LDO	SWR	SWR	None	SWR
1000Base-T1	No	No	✓	✓	✓
100Base-T1	✓	✓	✓	✓	✓
MAC interface RGMII	✓	✓	✓	✓	✓
MAC interface SGMII	×	✓	✓	×	✓
MAC interface MII	✓	×	×	×	×
MAC interface RMII	✓	✓	×	×	×
MAC interface ReMII	✓	×	×	×	×
IO voltage	3.3V/2.5V	3.3V/2.5V/1.8V	3.3V/2.5V/1.8V	3.3V/2.5V/1.8V	3.3V/2.5V/1.8V
TC8	✓	✓	✓	✓	✓
TC10	✓	✓	✓	✓	✓
IEEE1588	×	✓	✓	✓	✓
IEEE 802.1AS	✓	✓	✓	✓	✓
MDI polarity correct	✓	✓	✓	✓	✓
Cable diagnostics	✓	✓	✓	✓	✓
AEC-Q100	Grade 1 (-40℃~125℃)	Grade 1 (-40℃~125℃)	Grade 1 (-40℃~125℃)	Grade 1 (-40℃~125℃)	Grade 1 (-40℃~125℃)
NOTE	硬件管脚兼容BCM89811 功能替换RTL9000系列/Marvell 88Q1xxx/NXP TJA110X等。	硬件管脚兼容RTL9000BF (可实现Co-Layout Design); 功能替换RTL9000系列/Marvell 88Q1xxx/BCM8981x/NXP TJA110X等。	硬件管脚兼容RTL9010AA; 功能替换BCM89881/Marvell 88Q2xxx/TI DP83TG720R等。	硬件管脚兼容RTL9010ARG; 功能替换BCM89881/Marvell 88Q2xxx/TI DP83TG720R等。	硬件管脚兼容RTL9010AA; 功能替换BCM89881/Marvell 88Q2xxx/TI DP83TG720R等。
Pin2Pin Indicator		Pin to Pin	Pin to Pin		