



2018 Marvell Product Selector Guide

TOTAL SOLUTIONS FROM MARVELL

Providing a broad spectrum of solutions across a wide range of market segments.

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Fast Ethernet (FE) PHY

Transceivers

Number of Ports
Optical (Line)
MACSec (LinkCrypt)
I-Temp
1-Step PTP (1588 v2)
10/100BASE-T
100BASE-FX
Mac Interfaces
Core Voltage
Digital I/O
Analog Voltage
Internal Regulator
Virtual Cable Tester
Programmable LED
RoHS 6/6, Green*
JTAG
Package Type

Single-Port Devices																		
Part Number	Number of Ports	Optical (Line)	MACSec (LinkCrypt)	I-Temp	1-Step PTP (1588 v2)	10/100BASE-T	100BASE-FX	Mac Interfaces	Core Voltage	Digital I/O	Analog Voltage	Internal Regulator	Virtual Cable Tester	Programmable LED	RoHS 6/6, Green*	JTAG	Package Type	
88E3015 10/100BASE-T Fast Ethernet PHY	1	Yes	No	No	No	No	Yes	Yes	MII, RGMII	1.2V	2.5V/3.3V	2.5V	Yes	Yes	Yes	R	No	56-QFN
88E3016 10/100BASE-T Fast Ethernet PHY	1	Yes	No	No	No	No	Yes	Yes	RGMII	1.2V	2.5V/3.3V	2.5V	Yes	Yes	Yes	R	Yes	64-QFN
88E3018 10/100BASE-T Fast Ethernet PHY	1	Yes	No	Yes	No	No	Yes	Yes	MII, RGMII	1.2V	2.5V/3.3V	2.5V	Yes	Yes	Yes	R	Yes	64-QFN
88E3019 10/100BASE-T Fast Ethernet PHY	1	No	No	No	No	No	Yes	No	MII, RMII, RGMII	1.2V	2.5V/3.3V	2.5V	No	Yes	Yes	G	No	32-QFN
Octal-Port Devices																		
88E3082 10/100BASE-T Octal PHY	8	Yes	No	Yes	No	No	Yes	Yes	RMII, SMII, SSSMII, DDR-SSSMII	1.5V	2.5V/3.3V	2.5V	Yes	Yes	Yes	R	Yes	224-TFBGA
88E3083 10/100BASE-T Octal PHY	8	Yes	No	No	No	No	Yes	Yes	SMII, SSSMII, DDR-SSSMII	1.5V	2.5V/3.3V	2.5V	Yes	Yes	Yes	R	Yes	128-LQFP

1-Gigabit Ethernet (ALASKA®)

Transceivers

- Number of Ports
- Optical (Line)
- MACSec (LinkCrypt)
- I-Temp
- 1-Step PTP (1588 v2)
- 2-Step PTP
- SyncE
- BASE-T Speeds (CU)
- Optical Line Interfaces (SGMII)
- Mac Interfaces
- Energy Efficient Ethernet
- Core Voltage
- Digital I/O
- Analog Voltage
- Internal Regulator
- Integrated Passives
- Reference Clock
- JTAG
- Package Type

Single Port Devices

Alaska 88E1518 EEE 10/100/1000BASE-T PHY with RGMII	1	No	No	No	No	Yes	Yes	10M/100M/1G	No	RGMII	Yes	1.0V	1.8V	1.8V/3.3V	Switch-cap Regulator	Yes	25 MHz	No	48-QFN
Alaska 88E1514P EEE 10/100/1000BASE-T PHY with SGMII, Copper/Fiber Autotmedia Detect and Low-Latency (1Step-PTP) 1588 v2 support	1	No	No	No	Yes	Yes	Yes	10M/100M/1G	No	SGMII	Yes	1.0V	1.8V/2.5V/3.3V	1.8V/3.3V	Switch-cap Regulator	Yes	25 MHz	No	56-QFN
Alaska 88E1514 EEE 10/100/1000BASE-T PHY with SGMII, Copper/Fiber Autotmedia Detect	1	No	No	No	No	Yes	Yes	10M/100M/1G	No	SGMII	Yes	1.0V	1.8V/2.5V/3.3V	1.8V/3.3V	Switch-cap Regulator	Yes	25 MHz	No	56-QFN
Alaska 88E1512P EEE 10/100/1000BASE-T PHY with RGMII, SGMII, Copper/Fiber Autotmedia Detect and Low-Latency (1Step-PTP) 1588 v2 support	1	Yes	No	Yes	Yes	Yes	Yes	10M/100M/1G	SGMII, 100BASE-FX, 1000BASE-X, SFP	RGMII, SGMII, MII	Yes	1.0V	1.8V/2.5V/3.3V	1.8V/3.3V	Switch-cap Regulator	Yes	25 MHz	No	56-QFN
Alaska 88E1512 EEE 10/100/1000BASE-T PHY with RGMII, SGMII Copper/Fiber Autotmedia Detect	1	Yes	No	Yes	No	Yes	Yes	10M/100M/1G	SGMII, 100BASE-FX, 1000BASE-X, SFP	RGMII, SGMII	Yes	1.0V	1.8V/2.5V/3.3V	1.8V/3.3V	Switch-cap Regulator	Yes	25 MHz	No	56-QFN
Alaska 88E1510Q EEE 10/100/1000BASE-T PHY with RGMII and Low-Latency (1Step-PTP) 1588 v2 support	1	No	No	Yes	Yes	Yes	Yes	10M/100M/1G	No	RGMII	Yes	1.0V	1.8V/2.5V/3.3V	1.8V/3.3V	Switch-cap Regulator	Yes	25 MHz	No	48-QFN
Alaska 88E1510P EEE 10/100/1000BASE-T PHY with RGMII and Low-Latency (1Step-PTP) 1588 v2 support	1	No	No	Yes	Yes	Yes	Yes	10M/100M/1G	No	RGMII, MII	Yes	1.0V	1.8V/2.5V/3.3V	1.8V/3.3V	Switch-cap Regulator	Yes	25 MHz	No	48-QFN
Alaska 88E1510 EEE 10/100/1000BASE-T PHY with RGMII	1	No	No	Yes	No	Yes	Yes	10M/100M/1G	No	RGMII	Yes	1.0V	2.5V/3.3V	1.8V/3.3V	Switch-cap Regulator	Yes	25 MHz	No	48-QFN

1-Gigabit Ethernet (ALASKA®)

Transceivers

- Number of Ports
- Optical (Line)
- MACSec (LinkCrypt)
- I-Temp
- 1-Step PTP (1588 v2)
- 2-Step PTP
- SyncE
- BASE-T Speeds (CU)
- Optical Line Interfaces (SGMI)
- Mac Interfaces
- Energy Efficient Ethernet
- Core Voltage
- Digital I/O
- Analog Voltage
- Internal Regulator
- Integrated Passives
- Reference Clock
- JTAG
- Package Type

Alaska 88E1112 10/100/1000BASE-T PHY with Dual SERDES/SGMII	1	Yes	No	Yes	No	No	No	10M/100M/1G	100BASE-FX, 1000BASE-X, SFP	SGMII	No	1.2V	2.5V	2.5V	No	No	25 MHz	No	64-QFN
Alaska 88E1111 10/100/1000BASE-T PHY with multiple MAC Interfaces	1	Yes	No	Yes	No	No	No	10M/100M/1G	SGMII, 100BASE-FX, 1000BASE-X, SFP	RGMII, SGMII, MII, TBI, RTBI	No	1.0V/1.2V	2.5V	2.5V	No	No	25, 125 MHz	Yes	Multiple Packages
Quad-Port Devices																			
Alaska 88E1548P EEE 100/100/1000BASE-T PHY with QSGMII	4	Yes	Yes	Yes	Yes	Yes	Yes	10M/100M/1G	SGMII, 100BASE-FX, 1000BASE-X, SFP	SGMII, QSGMII	Yes	1.0V	1.2V/1.8V/2.5V/3.3V	1.8V/3.3V	No	Yes	25, 125, 156.25 MHz	Yes	15mm x 15mm 196-pin TFBGA
Alaska 88E1548M EEE 100/100/1000BASE-T PHY with SGMII plus MACSec, Automedia Detect	4	Yes	Yes	No	No	Yes	Yes	10M/100M/1G	SGMII, 100BASE-FX, 1000BASE-X, SFP	SGMII, QSGMII	Yes	1.0V	1.2V/1.8V/2.5V/3.3V	1.8V/3.3V	No	Yes	25, 125, 156.25 MHz	Yes	196-TFBGA
Alaska 88E1548 EEE 100/100/1000BASE-T PHY with QSGMII	4	Yes	No	No	No	No	No	10M/100M/1G	SGMII, 100BASE-FX, 1000BASE-X, SFP	SGMII, QSGMII	Yes	1.0V	1.2V/1.8V/2.5V/3.3V	1.8V/3.3V	No	Yes	25, 125, 156.25 MHz	Yes	15mm x 15mm 196-pin TFBGA
Alaska 88E1545M EEE 100/100/1000BASE-T PHY with QSGMII plus MACSec	4	No	Yes	No	No	No	No	10M/100M/1G	No	QSGMII	Yes	1.0V	1.2V/1.8V/2.5V/3.3V	1.8V/3.3V	No	Yes	25, 125, 156.25 MHz	Yes	128-LQFP
Alaska 88E1545 EEE 100/100/1000BASE-T PHY with QSGMII	4	No	No	No	No	No	No	10M/100M/1G	No	QSGMII	Yes	1.0V	1.2V/1.8V/2.5V/3.3V	1.8V/3.3V	No	Yes	25, 125, 156.25 MHz	Yes	128-LQFP
Alaska 88E1543M EEE 100/100/1000BASE-T PHY with SGMII plus MACSec	4	Yes	Yes	No	No	No	No	10M/100M/1G	SGMII, 100BASE-FX, 1000BASE-X, SFP	SGMII	Yes	1.0V	2.5V/3.3V	1.8V/3.3V	No	Yes	25, 125, 156.25 MHz	Yes	128-LQFP
Alaska 88E1543 EEE 100/100/1000BASE-T PHY with SGMII	4	Yes	No	No	No	No	No	10M/100M/1G	SGMII, 100BASE-FX, 1000BASE-X, SFP	SGMII	Yes	1.0V	2.5V/3.3V	1.8V/3.3V	No	Yes	25, 125, 156.25 MHz	Yes	128-LQFP

1-Gigabit Ethernet (ALASKA®)

Transceivers

Number of Ports
Optical (Line)
MACSec (LinkCrypt)
I-Temp
1-Step PTP (1588 v2)
2-Step PTP
SyncE
BASE-T Speeds (CU)
Optical Line Interfaces (SGMII)
Mac Interfaces
Energy Efficient Ethernet
Core Voltage
Digital I/O
Analog Voltage
Internal Regulator
Integrated Passives
Reference Clock
JTAG
Package Type

Alaska 88E1540M
EEE 100/100/1000BASE-T PHY with QSGMII plus MACSec

4 No Yes No No Yes Yes 10M/100M/1G No QSGMII Yes 1.0V 1.2V/1.8V/2.5V/3.3V 1.8V/3.3V No Yes Yes 196-TFBGA

Octal-Port-Devices

Alaska 88E1685
EEE 10/100/1000BASE-T PHY with QSGMII

8 No No No No No No 10M/100M/1G No QSGMII Yes 0.9V 1.2V/1.8V/2.5V/3.3V 1.5V/1.8V No Yes 125 MHz Yes 128-LQFP

Alaska 88E1680M
EEE 10/100/1000BASE-T PHY with QSGMII plus MACSec, PTP, SyncE

8 No Yes No Yes Yes Yes 10M/100M/1G No QSGMII Yes 0.9V 1.2V/1.8V/2.5V/3.3V 1.5V/1.8V No Yes 125, 156.25 MHz Yes 128-LQFP

Alaska 88E1680
EEE 10/100/1000BASE-T PHY with QSGMII, MACSec, PTP, SyncE

8 No No Yes No Yes Yes 10M/100M/1G No QSGMII Yes 0.9V 1.2V/1.8V/2.5V/3.3V 1.5V/1.8V No Yes 125, 156.25 MHz Yes 128-LQFP

10-Gigabit Ethernet (ALASKA® X)

Transceivers

Number of Ports
Optical (Line)
MACSec (LinkCrypt)
I-Temp
1-Step PTP (1588 v2)
2-Step PTP
SyncE
Supported Speeds
Host Interfaces
Optical Interface
Optical Module Types
Direct Attach Copper
Energy Efficient Ethernet
Core Voltage
Digital I/O
Analog Voltage
Reference Clock
JTAG
Package Type

Copper (Base-T) PHYs

Alaska X 88X3340P
Quad EEE 10/100/1G/2.5G/5G/10GBASE-T PHY with XFI, MACSec, PTP

4 Yes Yes Yes Yes Yes Yes 10G, 5G, 2.5G, 1G, 100M, 10M USXGMII, XFI, RXAUI, 5GBASE-R, 2500BASE-X, SGMII XFI/SFI 10GBASE-SR/ER/LR, 1000BASE-SX/LX Yes Yes 0.80V 1.2V/1.5V/1.8V/2.5V/3.3V 1.5V, 1.8V/2.0V, 2.3V/2.5V 50, 156.25 MHz Yes 484-HFCBGA

10-Gigabit Ethernet
(ALASKA® X)

Transceivers	Number of Ports	Optical (Line)	MACSec (LinkCrypt)	1-Temp	1-Step PTP (1588 v2)	2-Step PTP	SyncE	Supported Speeds	Host Interfaces	Optical Interface	Optical Module Types	Direct Attach Copper	Energy Efficient Ethernet	Core Voltage	Digital I/O	Analog Voltage	Reference Clock	JTAG	Package Type
Alaska X 88X3340 Quad EEE 10/100/1G/2.5G/5G/10GBASE-T PHY with XFI	4	Yes	No	Yes	No	No	Yes	10G, 5G, 2.5G, 1G, 100M, 10M	USXGMII, XFI, RXAUI, 5GBASE-R, 2500BASE-X, SGMII	XFI/SFI	10GBASE-SR/ER/LR, 1000BASE-SX/LX	Yes	Yes	0.80V	1.2V/1.5V/1.8V/2.5V/3.3V	1.5V, 1.8V/2.0V, 2.3V/2.5V	50, 156.25 MHz	Yes	484-HFCBGA
Alaska X 88X3310P Single EEE 10/100/1G/2.5G/5G/10GBASE-T PHY with XFI, MACSec, PTP	1	Yes	Yes	Yes	Yes	Yes	Yes	10G, 5G, 2.5G, 1G, 100M, 10M	USXGMII, XFI, RXAUI, XAUI, 5GBASE-R, 2500BASE-X, SGMII	XFI/SFI	10GBASE-SR/ER/LR, 1000BASE-SX/LX	Yes	Yes	0.80V	1.2V/1.5V/1.8V/2.5V/3.3V	1.5V, 1.8V/2.0V, 2.3V/2.5V	50, 156.25 MHz	Yes	168-HFCBGA
Alaska X 88X3310 Single EEE 10/100/1G/2.5G/5G/10GBASE-T PHY with XFI	1	Yes	No	Yes	No	No	Yes	10G, 5G, 2.5G, 1G, 100M, 10M	USXGMII, XFI, RXAUI, XAUI, 5GBASE-R, 2500BASE-X, SGMII	XFI/SFI	10GBASE-SR/ER/LR, 1000BASE-SX/LX	Yes	Yes	0.80V	1.2V/1.5V/1.8V/2.5V/3.3V	1.5V, 1.8V/2.0V, 2.3V/2.5V	50, 156.25 MHz	Yes	168-HFCBGA
Alaska X 88X3240P Quad EEE 10/100/1G/10GBASE-T PHY with XFI, MACSec, PTP	4	Yes	Yes	No	Yes	Yes	Yes	10G, 1G, 100M, 10M	XFI, RXAUI, SGMII	XFI/SFI	10GBASE-SR/ER/LR, 1000BASE-SX/LX	Yes	Yes	0.80V	1.2V/1.5V/1.8V/2.5V/3.3V	1.5V, 2.0V, 2.5V	50, 156.25 MHz	Yes	484-HFCBGA
Alaska X 88X3240 Dual EEE 10/100/1G/10GBASE-T PHY with XFI	4	Yes	No	No	No	No	Yes	10G, 1G, 100M, 10M	XFI, RXAUI, SGMII	XFI/SFI	10GBASE-SR/ER/LR, 1000BASE-SX/LX	Yes	Yes	0.80V	1.2V/1.5V/1.8V/2.5V/3.3V	1.5V, 2.0V, 2.5V	50, 156.25 MHz	Yes	484-HFCBGA
Alaska X 88X3220P Dual EEE 10/100/1G/10GBASE-T PHY with XFI, MACSec, PTP	2	Yes	Yes	No	Yes	Yes	Yes	10G, 1G, 100M, 10M	XFI, RXAUI, SGMII	XFI/SFI	10GBASE-SR/ER/LR, 1000BASE-SX/LX	Yes	Yes	0.80V	1.2V/1.5V/1.8V/2.5V/3.3V	1.5V, 2.0V, 2.5V	50, 156.25 MHz	Yes	256-HFCBGA
Alaska X 88X3220 Dual EEE 10/100/1G/10GBASE-T PHY with XFI	2	Yes	No	No	No	No	Yes	10G, 1G, 100M, 10M	XFI, RXAUI, SGMII	XFI/SFI	10GBASE-SR/ER/LR, 1000BASE-SX/LX	Yes	Yes	0.80V	1.2V/1.5V/1.8V/2.5V/3.3V	1.5V, 2.0V, 2.5V	50, 156.25 MHz	Yes	256-HFCBGA
Fiber/Backplane PHYs																			
Alaska X 88X2340P Quad-10G PHY with MacSec and PTP	4	Yes	Yes	Yes	Yes	Yes	No	10G, 1G	XFI	XFI/SFI	10GBASE-SR/ER/LR, 1000BASE-SX/LX	Yes	No	0.80V	1.2V/1.5V/1.8V/2.5V/3.3V	1.5V, 1.8V/2.0V, 2.3V/2.5V	50, 156.25 MHz	Yes	484-HFCBGA

10-Gigabit Ethernet
(ALASKA® X)

Transceivers

Number of Ports
Optical (Line)
MACSec (LinkCrypt)
1-Temp
1-Step PTP (1588 v2)
2-Step PTP
SyncE
Supported Speeds
Host Interfaces
Optical Interface
Optical Module Types
Direct Attach Copper
Energy Efficient Ethernet
Core Voltage
Digital I/O
Analog Voltage
Reference Clock
JTAG
Package Type

Transceivers	Number of Ports	Optical (Line)	MACSec (LinkCrypt)	1-Temp	1-Step PTP (1588 v2)	2-Step PTP	SyncE	Supported Speeds	Host Interfaces	Optical Interface	Optical Module Types	Direct Attach Copper	Energy Efficient Ethernet	Core Voltage	Digital I/O	Analog Voltage	Reference Clock	JTAG	Package Type
Alaska X 88X2320P Dual-10G PHY with MacSec and PTP	2	Yes	Yes	No	Yes	Yes	No	10G, 1G	XFI	XFI/SFI	10GBASE-SR/ER/LR, 100GBASE-SX/LX	Yes	No	0.80V	1.2V/1.5V/1.8V/2.5V/3.3V	1.5V, 1.8V/2.0V, 2.3V/2.5V	50, 156.25 MHz	Yes	256-HFCBGA
Alaska X 88X2242 40G/Quad-10G EDC PHY	4	Yes	No	No	No	Yes	Yes	40G, 10G, 1G	XLAUI, XFI, XAUI, RXAUI	SFI, XLPP1	40GBASE-SR4/LR4, 10GBASE-SR/ER/LR, 10GBASE-SW/EW/LW, 10GBASE-LRM, 100GBASE-SX/LX	Yes	No	1.0V	1.5V/1.8V/2.5V/3.3V	1.1V/1.5V	156.25, 155.52 MHz	Yes	324-FCBGA
Alaska X 88X2222 Dual-10G EDC PHY with MacSec	2	Yes	No	No	No	No	Yes	10G, 1G	XAUI, RXAUI, XFI	SFI	10GBASE-SR/ER/LR, 10GBASE-SW/EW/LW, 10GBASE-LRM, 100GBASE-X	Yes	No	1.0V	1.5V/1.8V/2.5V/3.3V	1.1V/1.5V	156.25, 155.52 MHz	Yes	324-FCBGA
Alaska X 88X2242M 40G/Quad-10G EDC PHY with MacSec	4	Yes	Yes	No	No	No	Yes	40G, 10G, 1G	XLAUI, XFI, XAUI, RXAUI	SFI, XLPP1	40GBASE-SR4/LR4, 10GBASE-SR/ER/LR, 10GBASE-SW/EW/LW, 10GBASE-LRM, 100GBASE-SX/LX	Yes	No	1.0V	1.5V/1.8V/2.5V/3.3V	1.1V/1.5V	156.25, 155.52 MHz	Yes	324-FCBGA
Alaska X 88X2222M Dual-10G EDC PHY with MacSec	2	Yes	Yes	No	No	No	Yes	10G, 1G	XAUI, RXAUI, XFI	SFI	10GBASE-SR/ER/LR, 10GBASE-SW/EW/LW, 10GBASE-LRM, 100GBASE-X	Yes	No	1.0V	1.5V/1.8V/2.5V/3.3V	1.1V/1.5V	156.25, 155.52 MHz	Yes	324-FCBGA
Alaska X 88X2242P 40G/Quad-10G EDC PHY with MacSec and PTP	4	Yes	Yes	No	Yes	Yes	Yes	10G, 1G	XAUI, RXAUI, XFI, KR	SFI	10GBASE-SR/ER/LR, 10GBASE-SW/EW/LW, 10GBASE-LRM, 100GBASE-X	Yes	No	1.0V	1.5V/1.8V/2.5V/3.3V	1.1V/1.5V	156.25, 155.52 MHz	Yes	324-FCBGA
Alaska X 88X2222P Dual-10G EDC PHY with MacSec, and PTP	2	Yes	Yes	No	Yes	Yes	Yes	10G, 1G	XAUI, RXAUI, XFI, KR	SFI	10GBASE-SR/ER/LR, 10GBASE-SW/EW/LW, 10GBASE-LRM, 100GBASE-X	Yes	No	1.0V	1.5V/1.8V/2.5V/3.3V	1.1V/1.5V	156.25, 155.52 MHz	Yes	324-FCBGA

Copper (NBASE-T) Multispeed Ethernet (ALASKA® M)

Transceivers

Number of Ports
Optical (Line)
MACSec (LinkCrypt®)
I-Temp
1-Step PTP (1588 v2)
2-Step PTP
SyncE
BASE-T Speeds (Copper)
Host Interfaces
Optical Interface
Optical Module Types
Direct Attach Copper
Energy Efficient Ethernet
Core Voltage
Digital I/O
Analog Voltage
Reference Clock
JTAG
Package Type

Transceivers	Number of Ports	Optical (Line)	MACSec (LinkCrypt®)	I-Temp	1-Step PTP (1588 v2)	2-Step PTP	SyncE	BASE-T Speeds (Copper)	Host Interfaces	Optical Interface	Optical Module Types	Direct Attach Copper	Energy Efficient Ethernet	Core Voltage	Digital I/O	Analog Voltage	Reference Clock	JTAG	Package Type
88E2180 Octal EEE 10/100/1G/2.5G/5GBASE-T PHY	8	No	No	Yes	No	No	Yes	5G, 2.5G, 1G, 100M, 10M	USXGMII-M, XFI, 5GBASE-R, 2500BASE-X, SGMII	No	No	No	Yes	0.80V	1.2V/1.5V/1.8V/2.5V/3.3V	1.5V, 1.8V, 3.3V	50, 156.25 MHz	Yes	529-HFCBGA
88E2110 Single EEE 10/100/1G/2.5G/5GBASE-T PHY	1	No	No	Yes	No	No	Yes	5G, 2.5G, 1G, 100M, 10M	USXGMII-M, XFI, 5GBASE-R, 2500BASE-X, SGMII	No	No	No	Yes	0.80V	1.2V/1.5V/1.8V/2.5V/3.3V	1.5V, 1.8V, 3.3V	50, 156.25 MHz	Yes	104-HFCBGA
88E2040P Quad EEE 10/100/1G/2.5G/5GBASE-T PHY with MACSec, PTP	4	No	Yes	Yes	Yes	Yes	Yes	5G, 2.5G, 1G, 100M, 10M	USXGMII, XFI, RXAUI, 5GBASE-R, 2500BASE-X, SGMII	No	No	No	Yes	0.80V	1.2V/1.5V/1.8V/2.5V/3.3V	1.5V, 1.8V/2.0V, 2.3V/2.5V	50, 156.25 MHz	Yes	484-HFCBGA
88E2040 Quad EEE 10/100/1G/2.5G/5GBASE-T PHY	4	No	No	Yes	No	No	Yes	5G, 2.5G, 1G, 100M, 10M	USXGMII, XFI, RXAUI, 5GBASE-R, 2500BASE-X, SGMII	No	No	No	Yes	0.80V	1.2V/1.5V/1.8V/2.5V/3.3V	1.5V, 1.8V/2.0V, 2.3V/2.5V	50, 156.25 MHz	Yes	484-HFCBGA
88E2010P Single EEE 10/100/1G/2.5G/5GBASE-T PHY with MACSec, PTP	1	No	Yes	Yes	Yes	Yes	Yes	5G, 2.5G, 1G, 100M, 10M	USXGMII, XFI, RXAUI, 5GBASE-R, 2500BASE-X, SGMII	No	No	No	Yes	0.80V	1.2V/1.5V/1.8V/2.5V/3.3V	1.5V, 1.8V/2.0V, 2.3V/2.5V	50, 156.25 MHz	Yes	168-HFCBGA
88E2010 Single EEE 10/100/1G/2.5G/5GBASE-T PHY	1	No	No	Yes	No	No	Yes	5G, 2.5G, 1G, 100M, 10M	USXGMII, XFI, RXAUI, 5GBASE-R, 2500BASE-X, SGMII	No	No	No	Yes	0.80V	1.2V/1.5V/1.8V/2.5V/3.3V	1.5V, 1.8V/2.0V, 2.3V/2.5V	50, 156.25 MHz	Yes	168-HFCBGA

Marvell

Marvell first revolutionized the digital storage industry by moving information at speeds never thought possible. Today, that same breakthrough innovation remains at the heart of the company's storage, network infrastructure, and wireless connectivity solutions. With leading intellectual property and deep system-level knowledge, Marvell's semiconductor solutions continue to transform the enterprise, cloud, automotive, industrial, and consumer markets.

Contact Us

For additional information, please visit our website at www.marvell.com/sales for a Marvell sales office or representative in your area.

KEY FACTS

Founded: 1995

Stock Symbol: MRVL (NASDAQ)

President and Chief Executive Officer: Mr. Matt Murphy

Employees: 5,000+

Patents worldwide 9,000+

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