

Pin difference between DM9161 series

Pin	DM9161E	DM9161A	DM9161B
Pin 1, 2 and 9	3.3V power in	2.5V power out	1.8V power out
Pin 39	DVDD	DISMDIX	DISMDIX

Application: For DM9161E, pin 1, 2, 9 and 39 connects to DVDD, 3.3V directly. For DM9161A and DM9161B, pin 1, 2 and 9 are bound together to provide transformer center tap a bias voltage. The hardware design on DM9161A and DM9161B is the same.

Register difference between DM9161 series

Register	Name	DM9161E	DM9161A	DM9161B
1 (w/o link)	Basic Mode Status Register	7809	7849	7849
3	PHY ID Identifier Register #2	b880	b8a0	b8b0
20	Specified Config Register	Reserved	0080/0000	0080/0000
24 (EVB)	Davicom Hardware Reset Latch State Register	14e1	e4e1	e4e1
28		Reserved	Reserved	0003
29	Power Saving Control Register	Reserved	Reserved	0000

Application: If customer will check register 3 to validate PHY working or not, DM9161 series has different value for each version.