
LAN9118 Power Consumption Values

INTRODUCTION

This document provides preliminary power consumption values for the Microchip LAN9118 10/100 Ethernet Controller, and as such are subject to change.

Power Consumption Values

The formal values will be located in a future revision of the LAN9118 Data Sheet. Power measurements were taken under the following conditions:

Temperature: +25° C

Device VDD: +3.30 V

TABLE 1: LAN9118 POWER CONSUMPTION VALUES

LAN9118 Power Supply ICC (Device Only)				
	Min	Typical	Max	Units
No Link	-	96	-	mA
100Mb Idle (Link/No activity)	-	120	-	mA
100Mb (100% utilization)	-	134	-	mA
10Mb (100% utilization)	-	85	-	mA
Wake On LAN (D1) (Cable Connected 100Mb)	-	82	-	mA
Energy Detect (D2) (Cable Disconnected)	-	15	-	mA
Energy Detect (D2) (Cable Connected 100Mb)	-	68	-	mA

AN 12.10

APPENDIX A: APPLICATION NOTE REVISION HISTORY

TABLE A-1: REVISION HISTORY

Revision Level & Date	Section/Figure/Entry	Correction
DS00002931A (01-24-19)	Replaces the previous SMSC version, Rev. 0.2 (04-05-13)	

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