



USB CONNECTIVITY & CHARGING EXPERTS

CoolGear, Inc.
5120 110th Avenue North
Clearwater, FL 33760 U.S.A.
P: +1-727-209-1300

Product Change Notification (PCN)

PCN No: 20240816.5
Date: 08/16/2024
Product Model Number: GM-HU310DW
Change Type: Major

Description of Change: IC Change

Specification Change Details: Due to the discontinuation of the VL813, the GM-HU310DW has transitioned to using the VL817_Q7S. Below is a chart of the specification changes involved with this IC Change.

	OLD Version	New Version
MAIN chipset	VL813 X3	VL817_Q7S X3
Power chipset	MP2482DN X3	NDP1415RB X2
Main Parameter	Standoff voltage 30V Output max: 5A	Standoff voltage 40V Output max: 7.5A
Charging Protocol	SDP,CDP,DCP	SDP,CDP,DCP,APPLE 2.4A
Max. Current	1.5A	2.4A
Max. Power	52.5W	57W
USB port Protection Control	PORT1,2,3--1xGPIO PORT4---1XGPIO PORT5,6--1xGPIO PORT7---1XGPIO PORT8,9--1xGPIO PORT10---1XGPIO	USB single port control

Peter Murray
Compliance Manager
Coolgear, Inc.
5120 110th Avenue
Clearwater, Florida 33760