



PCN#	PCN20210401-01	PCN ISSUE DATE	Apr 1, 2021
PCN TITLE:			
SERVO Module Board 12 Channels PCN			
TYPE OF CHANGE			
<input checked="" type="checkbox"/> Electrical Specification		<input checked="" type="checkbox"/> Part Number	
<input type="checkbox"/> Mechanical Specification		<input type="checkbox"/> End of Life	
<input type="checkbox"/> Firmware Specification		<input type="checkbox"/> Other	
<input type="checkbox"/> Regulatory of Compliance			
AFFECTED PART NUMBER(S)			
Part Number		Name	
M014		SERVO Module Board 12 Channels	
CHANGE DESCRIPTION			
Change From:			
Part Number	Name	Image	
M014	SERVO Module Board 12 Channels		
Change To:			
Part Number	Name	Image	
M014-B	SERVO2 Module 16 Channels - 13.2 (PCS9685)		
DESCRIPTION OF CHANGE			
M014 is able to drive mutiple Servo motors, up to 12 channels(Max load :14W)			
While M014-B uses a PCA9685 16 channel PWM controller to control 16 channel servos at the same time. The power input is 6-12V DC and two SY8368AQQC chips are used for voltage reduction.			



M5STACK

Product Change Notification

The maximum total power output of dual channel is 35W (5V / 3.5A * 2), and the maximum output power of single channel is 25W (5V / 5A).

SUPPLYING SCHEDULE

Apr 10th, 2021

REASONS FOR CHANGE

Upgrading the control number of servo motors from up to 12 channels to 16 channels.

CUSTOMER ACTION REQUIRED

Old version product sold on customer website needs to be updated after stock consumed.