



**Input: 9~24V**

**Standard UNO Resource**

**Massduino MD3248P LQFP-48**

**Additional Resource of UNO Pro**

**PWM DAC CH0/1**  
 Range : 0 ~ 4.096V  
 Sample rate : 12.5sps  
 16bit resolution  
 Resolution : 62.5uV  
 Stable time : 80mS

**PWM DAC CH2/3**  
 Range : 0 ~ 4.096V  
 Sample rate : 200sps  
 12bit resolution  
 Resolution : 1mV  
 Stable time : 5mS

**HV\_ADC CH0/1/2/3/4**  
 Range : 0 ~ 32V (AREF=4.096V)  
 0 ~ 16V (AREF=2.048V)  
 Resolution: 1mV (15bit ADC)  
 Input ration: 1:8

**Output Range : 0~4.096V**

**Input Range: 0~32V**

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