AD8417 Data Sheet Changes from Rev. C to Rev. D

Change to Revision History on Page 2

Add:

REVISION HISTORY

6/2019—Rev. C to Rev. D

Changes to Features Section on Page 1

Rev C	Rev D
High common-mode input voltage range	High common-mode input voltage range
−2 V to +70 V continuous	−2 V to +70 V continuous
−4 V to +85 V survival	−3 V to +80 V survival

Changes to AMR Table on Page 4

AD8417 Rev C

ABSOLUTE MAXIMUM RATINGS

Table 3.

Parameter	Rating
Supply Voltage	6 V
Input Voltage Range	
Continuous	−2 V to +70 V
Survival	−4 V to +85 V
Differential Input Survival	±5.5 V
Reverse Supply Voltage	0.3 V
ESD Human Body Model (HBM)	±2000 V
Operating Temperature Range	
AD8417WB	−40°C to +125°C
AD8417WH	−40°C to +150°C
Storage Temperature Range	−65°C to +150°C
Output Short-Circuit Duration	Indefinite

Remove Line: this is operating range…not AMR.

Modify Parameter name for clarity, fix rating values.

Shorten & indent Parameter name for clarity, add clarity to rating.

AD8417 Rev D

ABSOLUTE MAXIMUM RATINGS

Table 3.

Parameter	Rating
Supply Voltage	6 V
Input Voltage Range	
Common-mode	−3V to +80V
Differential	5.5 V (Magnitude)
Reverse Supply Voltage	0.3 V
ESD Human Body Model (HBM)	±2000 V
Operating Temperature Range	
AD8417WB	−40°C to +125°C
AD8417WH	−40°C to +150°C
Storage Temperature Range	−65°C to +150°C
Output Short-Circuit Duration	Indefinite

Changes to Figure 33 on page 13

Rev. C

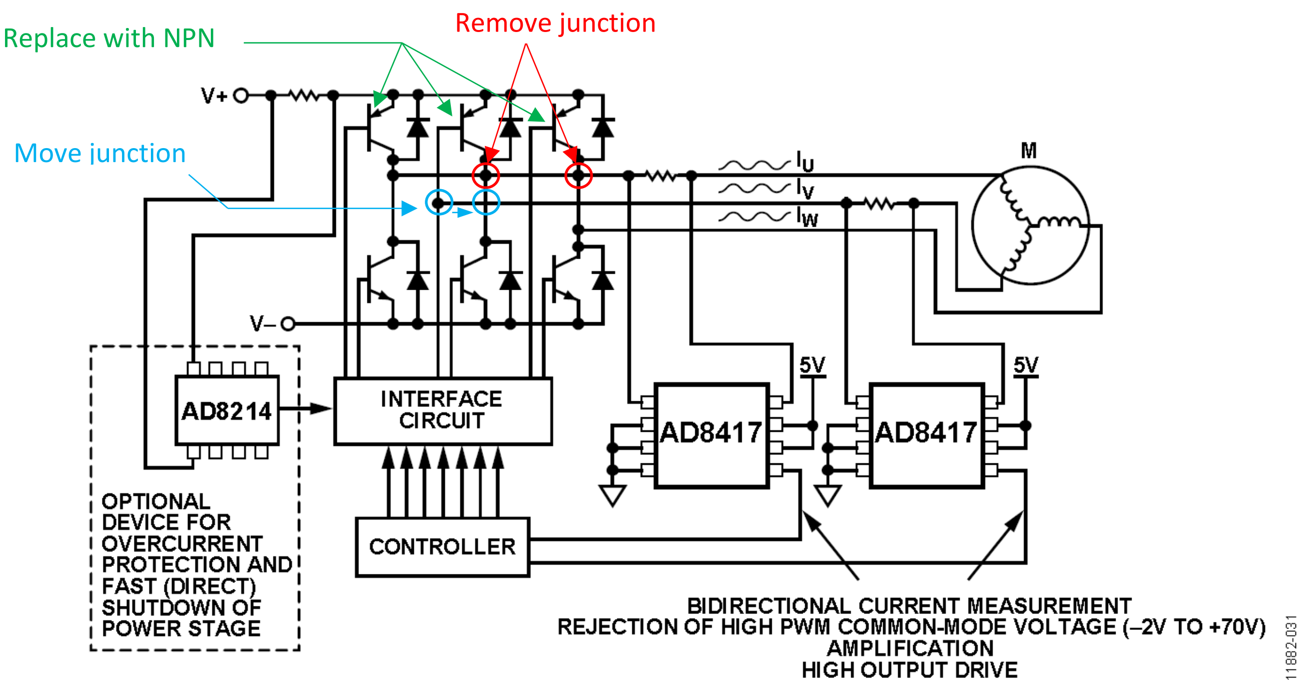

Figure 33. 3-Phase Motor Control

Rev. D

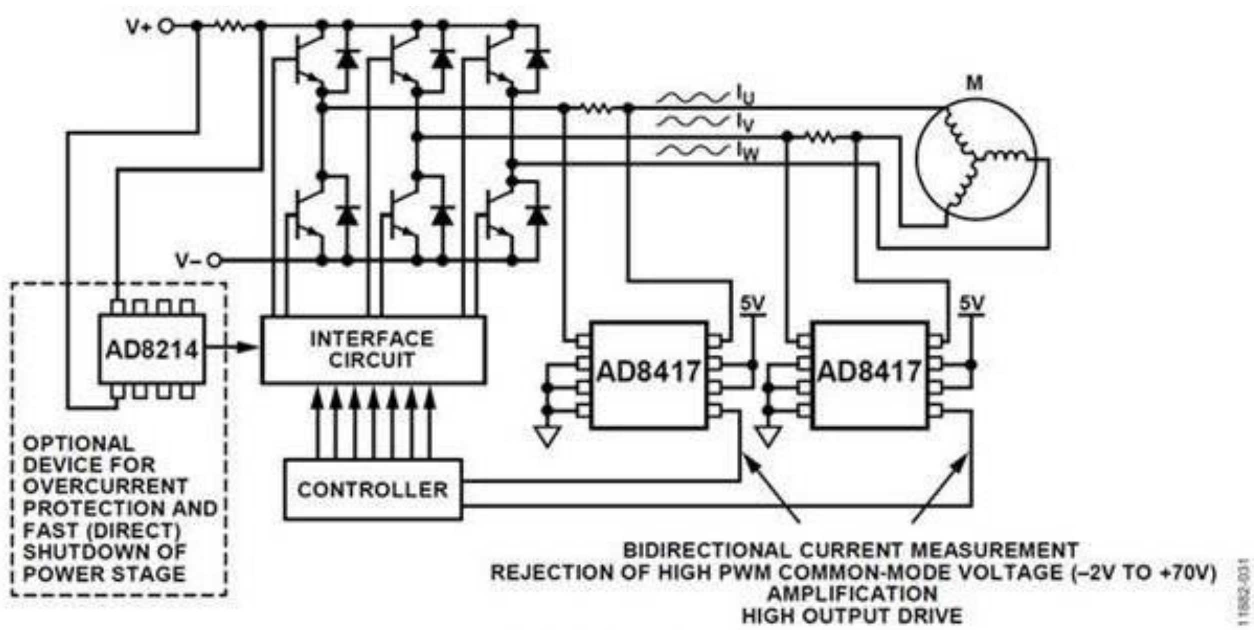

Figure 33. 3-Phase Motor Control