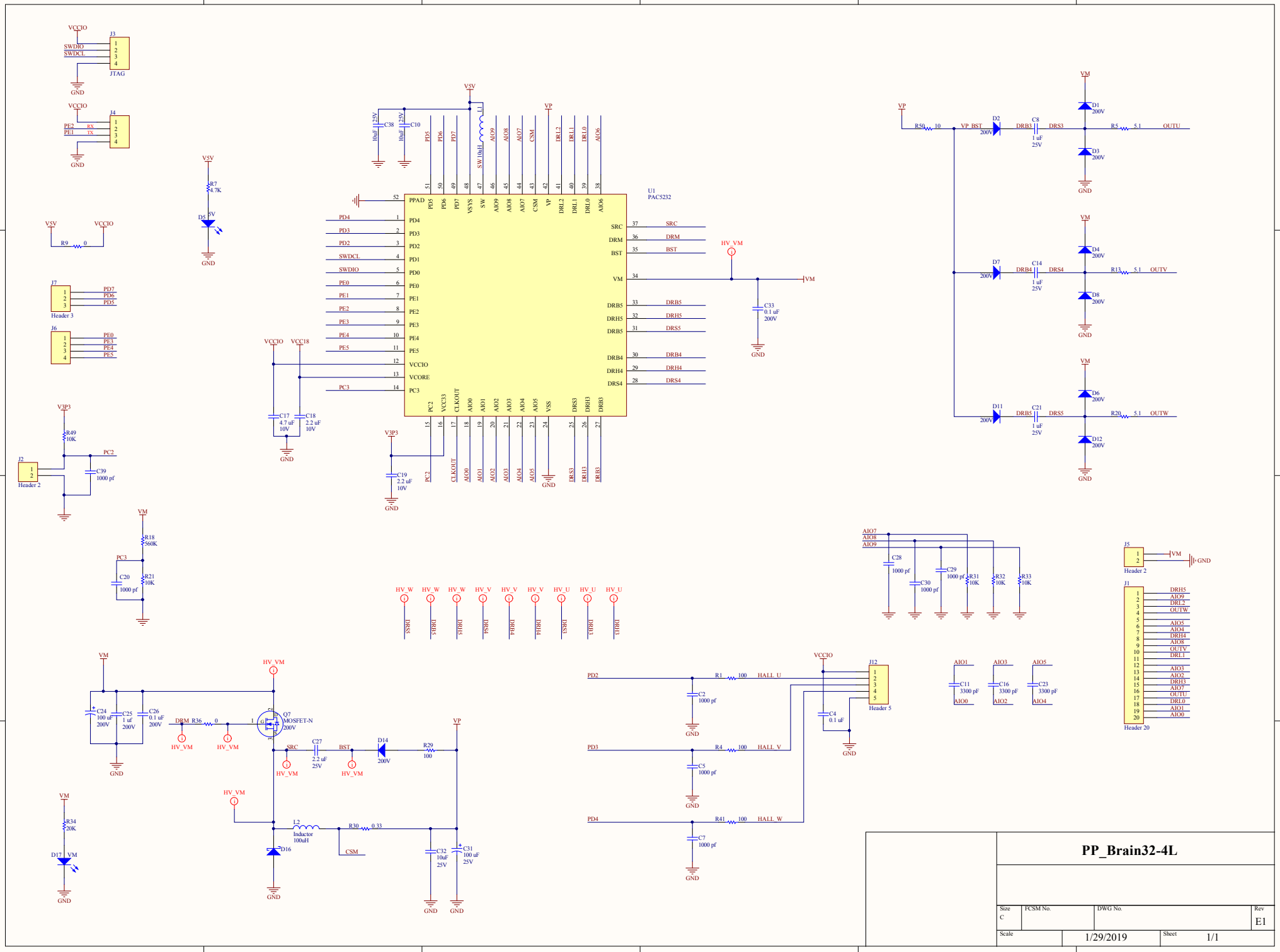
PP_Brain32-4L
Size C
FCSM No.
DWG No.
Rev E1
Scale
1/29/2019
Sheet 1/1
U1 PAC5232
J3 JTAG
J4
J7 Header 3
J6
J2 Header 2
J5 Header 2
J1 Header 20
J12 Header 5
Q7 MOSFET-N 200V
L1 SW 10uH
L2 Inductor 100uH
D14 200V
D16
D17 VM
D1 200V
D2 200V
D3 200V
D4 200V
D6 200V
D7 200V
D8 200V
D11 200V
D12 200V
D5 5V
R7 4.7K
R9 0
R49 10K
R18 560K
R21 10K
R34 20K
R36 0
R29 100
R30 0.33
R50 10
R5 5.1
R13 5.1
R20 5.1
R1 100
R4 100
R41 100
R31 10K
R32 10K
R33 10K
C38 10uF 25V
C10 10uF 25V
C17 4.7 uF 10V
C18 2.2 uF 10V
C19 2.2 uF 10V
C33 0.1 uF 200V
C39 1000 pf
C20 1000 pf
C24 100 uF 200V
C25 1 uF 200V
C26 0.1 uF 200V
C27 2.2 uF 25V
C32 10uF 25V
C31 100 uF 25V
C8 1 uF 25V
C14 1 uF 25V
C21 1 uF 25V
C28 1000 pf
C29 1000 pf
C30 1000 pf
C2 1000 pf
C5 1000 pf
C7 1000 pf
C4 0.1 uF
C11 3300 pF
C16 3300 pF
C23 3300 pF
VCCIO
V5V
V3P3
VM
VP
HV_VM
GND
SWDIO
SWDCL
PD2
PD3
PD4
PD5
PD6
PD7
PE0
PE1
PE2
PE3
PE4
PE5
PC2
PC3
VCC18
DRM
DRH5
DRS5
DRB5
DRH4
DRS4
DRB4
DRH3
DRB3
DRL2
OUTW
AIO5
AIO4
AIO8
OUTV
DRL1
AIO3
AIO2
AIO7
OUTU
DRL0
AIO1
AIO0
HALL_U
HALL_V
HALL_W
OUTU
OUTV
OUTW
SRC
BST
CSM
DRB3
DRS3
DRH3
DRL3
DRL1
DRL0
AIO6
AIO9
AIO8
AIO7
CSM
VP
DRL2
DRL1
DRL0
AIO6
PPAD
VSYS
SW
VSS
CLKOUT
AIO0
AIO1
AIO2
AIO3
AIO4
AIO5
VCORE
VCC33
DRM
DRB5
DRH5
DRS5
DRB4
DRH4
DRS4
DRH5
DRL2
OUTW
AIO5
AIO4
DRH4
AIO8
OUTV
DRL1
AIO3
AIO2
DRH3
AIO7
OUTU
DRL0
AIO1
AIO0