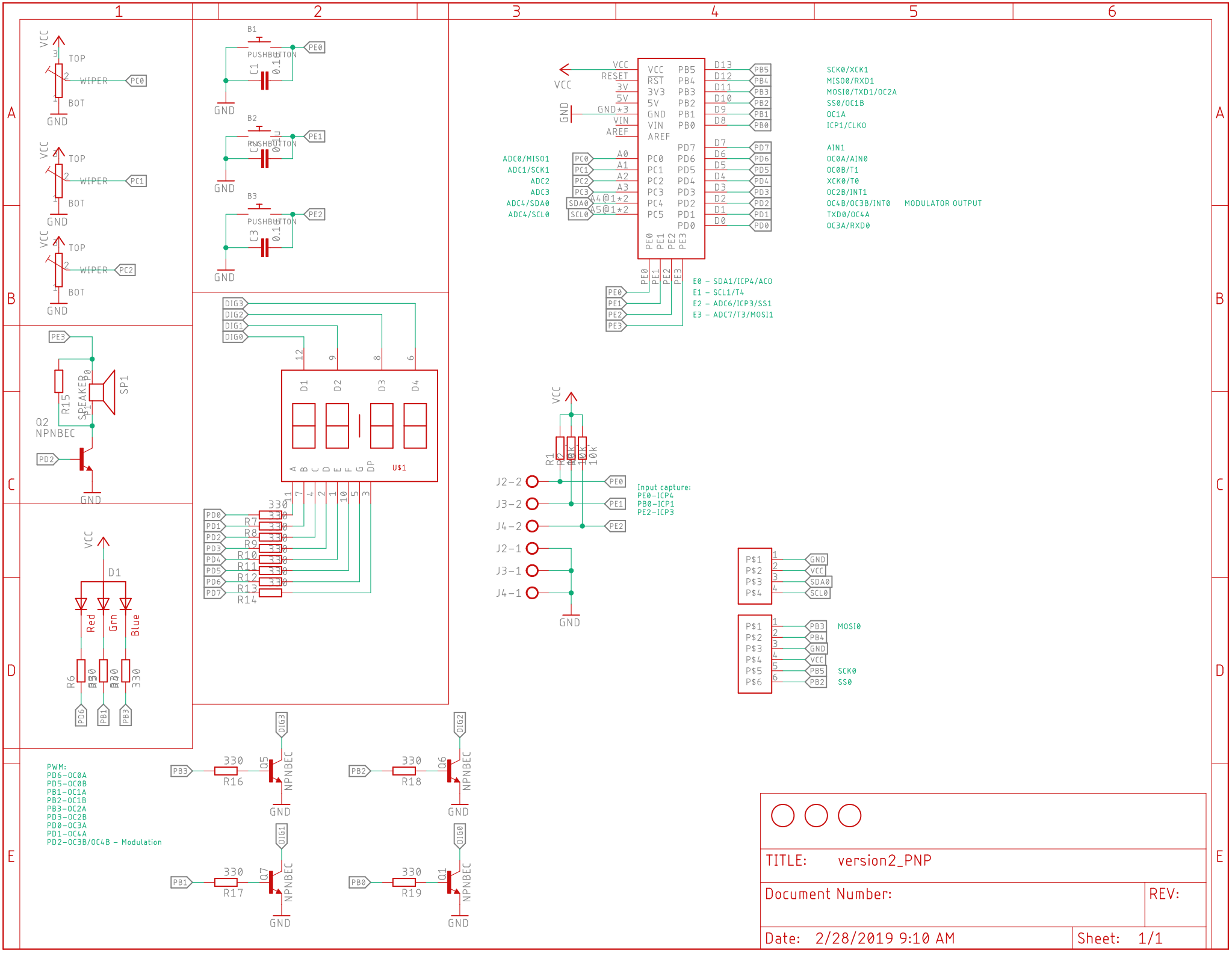
VCC
TOP
WIPER
BOT
GND
PC0
PC1
PC2
B1
B2
B3
PUSHBUTTON
C1
C2
C3
0.1u
PE0
PE1
PE2
PE3
SP1
SPEAKER
R15
Q2
NPNBEC
PD2
DIG3
DIG2
DIG1
DIG0
D1
D2
D3
D4
U$1
A
B
C
D
E
F
G
DP
PD0
PD1
PD3
PD4
PD5
PD6
PD7
R7
R8
R9
R10
R11
R12
R13
R14
330
D1
Red
Grn
Blue
R6
R5
R4
PD6
PB1
PB3
PWM:
PD6-OC0A
PD5-OC0B
PB1-OC1A
PB2-OC1B
PB3-OC2A
PD3-OC2B
PD0-OC3A
PD1-OC4A
PD2-OC3B/OC4B - Modulation
R16
R17
R18
R19
Q5
Q7
Q6
Q1
PB0
PB2
VCC
RESET
3V
5V
GND*3
VIN
AREF
VCC
RST
3V3
5V
GND
VIN
AREF
PB5
PB4
PB3
PB2
PB1
PB0
PD7
PD6
PD5
PD4
PD3
PD2
PD1
PD0
PC0
PC1
PC2
PC3
PC4
PC5
A0
A1
A2
A3
A4@1*2
A5@1*2
SDA0
SCL0
D13
D12
D11
D10
D9
D8
D7
D6
D5
D4
D3
D2
D1
D0
ADC0/MISO1
ADC1/SCK1
ADC2
ADC3
ADC4/SDA0
ADC4/SCL0
SCK0/XCK1
MISO0/RXD1
MOSI0/TXD1/OC2A
SS0/OC1B
OC1A
ICP1/CLKO
AIN1
OC0A/AIN0
OC0B/T1
XCK0/T0
OC2B/INT1
OC4B/OC3B/INT0
MODULATOR OUTPUT
TXD0/OC4A
OC3A/RXD0
E0 - SDA1/ICP4/ACO
E1 - SCL1/T4
E2 - ADC6/ICP3/SS1
E3 - ADC7/T3/MOSI1
R1
R2
R3
10k
J2-2
J3-2
J4-2
J2-1
J3-1
J4-1
Input capture:
PE0-ICP4
PB0-ICP1
PE2-ICP3
P$1
P$2
P$3
P$4
P$5
P$6
MOSI0
SCK0
SS0
TITLE: version2_PNP
Document Number:
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Date: 2/28/2019 9:10 AM
Sheet: 1/1