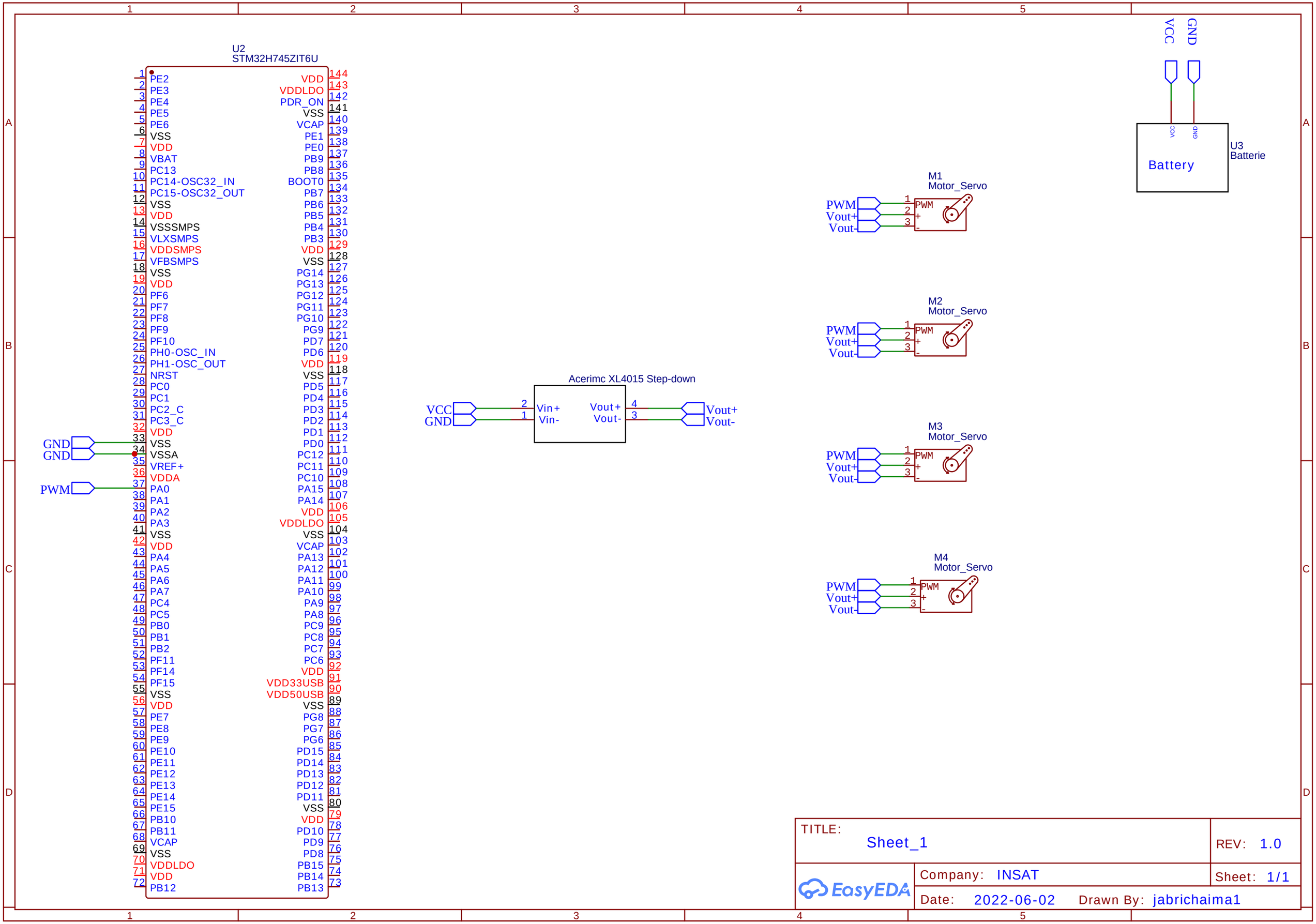
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PE2 1
PE3 2
PE4 3
PE5 4
PE6 5
VSS 6
VDD 7
VBAT 8
PC13 9
PC14-OSC32_IN 10
PC15-OSC32_OUT 11
VSS 12
VDD 13
VSSSMPS 14
VLXSMPS 15
VDDSMPS 16
VFBSMPS 17
VSS 18
VDD 19
PF6 20
PF7 21
PF8 22
PF9 23
PF10 24
PH0-OSC_IN 25
PH1-OSC_OUT 26
NRST 27
PC0 28
PC1 29
PC2_C 30
PC3_C 31
VDD 32
VSS 33
VSSA 34
VREF+ 35
VDDA 36
PA0 37
PA1 38
PA2 39
PA3 40
VSS 41
VDD 42
PA4 43
PA5 44
PA6 45
PA7 46
PC4 47
PC5 48
PB0 49
PB1 50
PB2 51
PF11 52
PF14 53
PF15 54
VSS 55
VDD 56
PE7 57
PE8 58
PE9 59
PE10 60
PE11 61
PE12 62
PE13 63
PE14 64
PE15 65
PB10 66
PB11 67
VCAP 68
VSS 69
VDDLDO 70
VDD 71
PB12 72
VDD 144
VDDLDO 143
PDR_ON 142
VSS 141
VCAP 140
PE1 139
PE0 138
PB9 137
PB8 136
BOOT0 135
PB7 134
PB6 133
PB5 132
PB4 131
PB3 130
VDD 129
VSS 128
PG14 127
PG13 126
PG12 125
PG11 124
PG10 123
PG9 122
PD7 121
PD6 120
VDD 119
VSS 118
PD5 117
PD4 116
PD3 115
PD2 114
PD1 113
PD0 112
PC12 111
PC11 110
PC10 109
PA15 108
PA14 107
VDD 106
VDDLDO 105
VSS 104
VCAP 103
PA13 102
PA12 101
PA11 100
PA10 99
PA9 98
PA8 97
PC9 96
PC8 95
PC7 94
PC6 93
VDD 92
VDD33USB 91
VDD50USB 90
VSS 89
PG8 88
PG7 87
PG6 86
PD15 85
PD14 84
PD13 83
PD12 82
PD11 81
VSS 80
VDD 79
PD10 78
PD9 77
PD8 76
PB15 75
PB14 74
PB13 73
GND
GND
PWM
Acerimc XL4015 Step-down
VCC
GND
2
1
Vin+
Vin-
Vout+
Vout-
4
3
Vout+
Vout-
M1
Motor_Servo
PWM
Vout+
Vout-
1
2
3
PWM
+
-
M2
Motor_Servo
PWM
Vout+
Vout-
M3
Motor_Servo
PWM
Vout+
Vout-
M4
Motor_Servo
PWM
Vout+
Vout-
VCC
GND
VCC
GND
Battery
U3
Batterie
TITLE:
Sheet_1
REV: 1.0
Company: INSAT
Sheet: 1/1
Date: 2022-06-02
Drawn By: jabrichaima1
EasyEDA