

DACs with voltage/current bipolar outputs

TITLE: EEZ DIB MI0168 r2B5

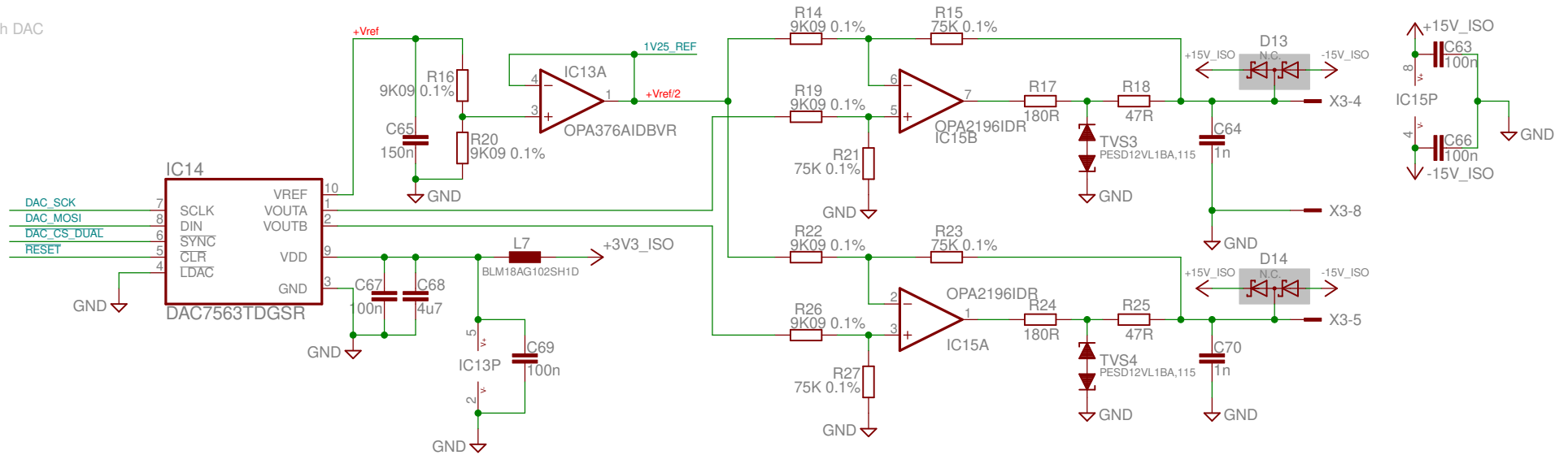
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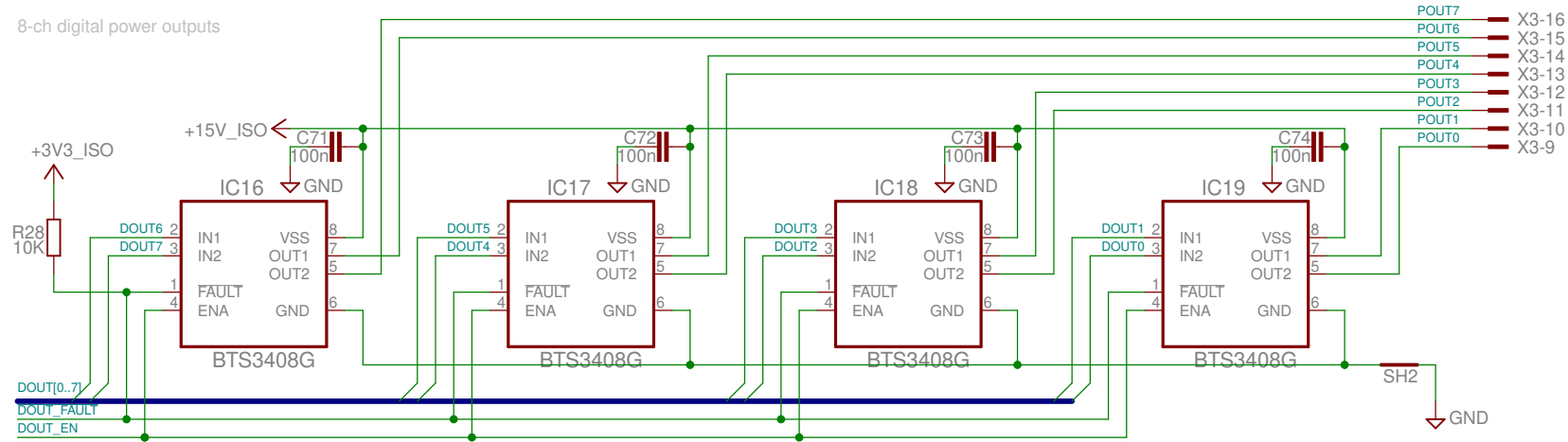
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2-ch DAC



8-ch digital power outputs



12-bit dual DAC with bipolar voltage outputs
8-ch digital low-side power outputs

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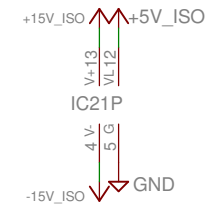
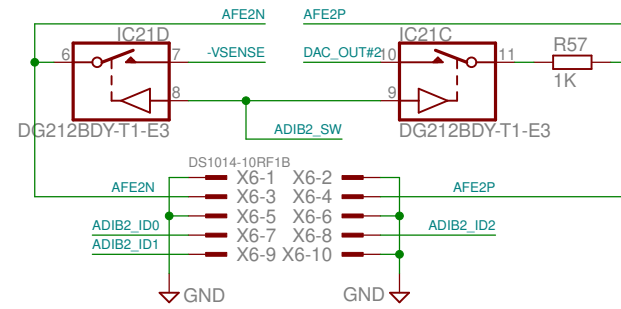
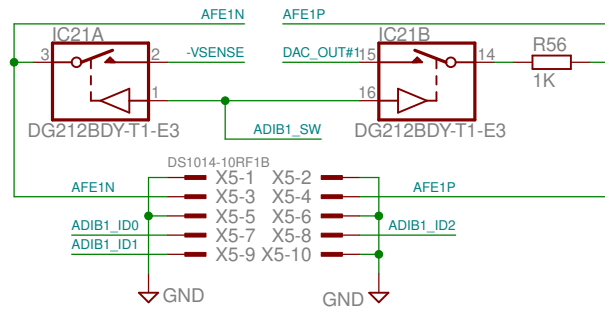
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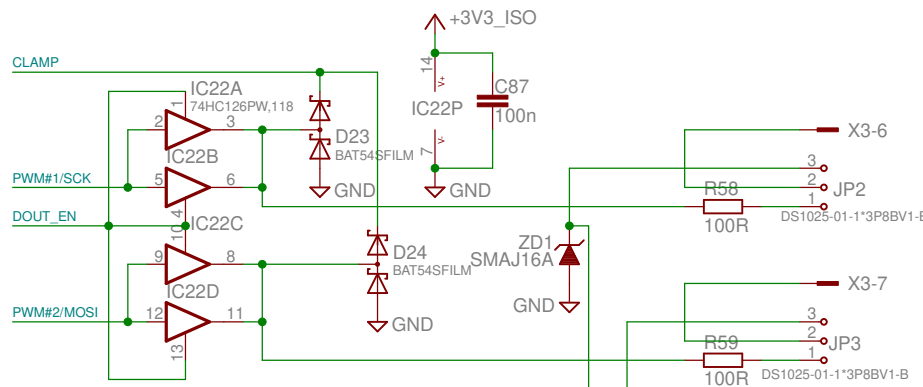
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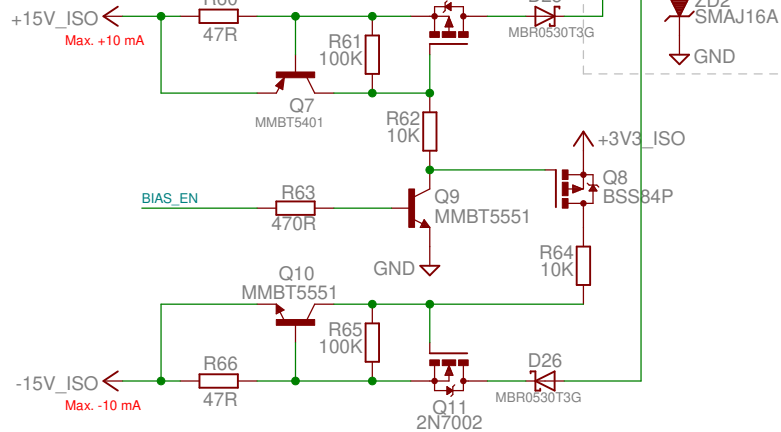
ADIB signal switching



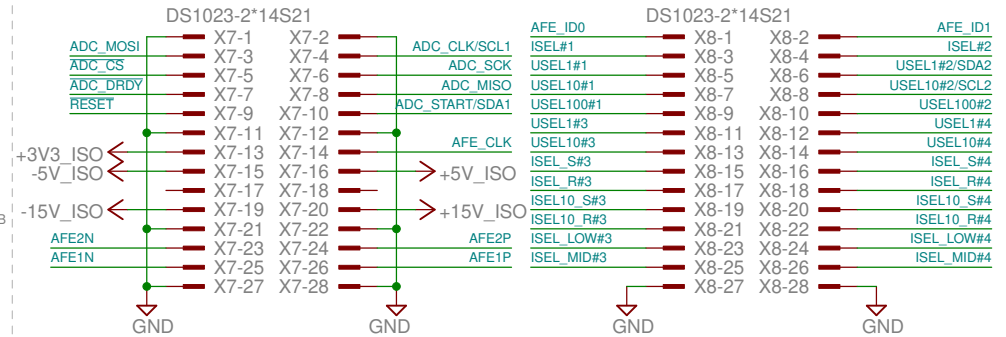
PWM outputs



Sensor bias outputs



AFE connectors



28-pin AFE socket (upper)

Gnd 1	2 Gnd
SPI_MOSI 3	4 ADC_CLK_SEL / I2C_SCL1
CS 5	6 SPI_CLK
DRDY 7	8 ADC_START / I2C_SDA1
RESET 9	10 SPI_MISO
Gnd 11	12 Gnd
+3V3 13	14 AFE_EXT_CLK
+5V3 15	16 -5V3
N.C. 17	18 N.C.
-15V 19	20 +15V
Gnd 21	22 Gnd
ADIB2N 23	24 ADIB2P
ADIB1N 25	26 ADIB1P
Gnd 27	28 Gnd

28-pin AFE socket (lower)

AFE_ID0 1	2 AFE_ID1
PG14 3	4 PC15
PG13 5	6 PF0 / I2C_SDA2
PG12 7	8 PF1 / I2C_SCL2
PG11 9	10 PF2
PD1 11	12 PC13
PD0 13	14 PC14
PG10 15	16 PF3
PG9 17	18 PF4
PD7 19	20 PF5
PD6 21	22 PC1
PD5 23	24 PC2
PD4 25	26 PC3
Gnd 27	28 Gnd

ADIB switches and AFE connectors
PWM outputs / sensor bias

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