Bezeichner	Gehäuse	Stückzahl	Bezeichnung
A1	AM612	1	AM612
P6,P1	Pin_Header_Straight_1x04_Pitch2.54mm	2	Contacts
P2	Pin_Header_Straight_1x06_Pitch2.54mm	1	Contacts
R4,R8	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	2	1M
R3,R2	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	2	1k5
R5	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	56k
JP1	SolderJumper-2_P1.3mm_Open_Pad1.0x1.5mm	1	Jumper_2_Bridged
R6,R7	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	2	4k7
IC1	SON65P200X200X65-7N-D	1	OPT3001DNPR
D1	LED_D3.0mm-3	1	LED_Dual_ACA
C1	C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	100n
IC2	SOT65P210X110-6N	1	AD5247BKSZ10-RL7

COMPLIANT TO JEDEC STANDARDS MO-203-AB

Figure 42. 6-Lead Thin Shrink Small Outline Transistor Package [SC70]
(KS-6)
Dimensions shown in millimeters

ORDERING GUIDE

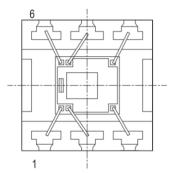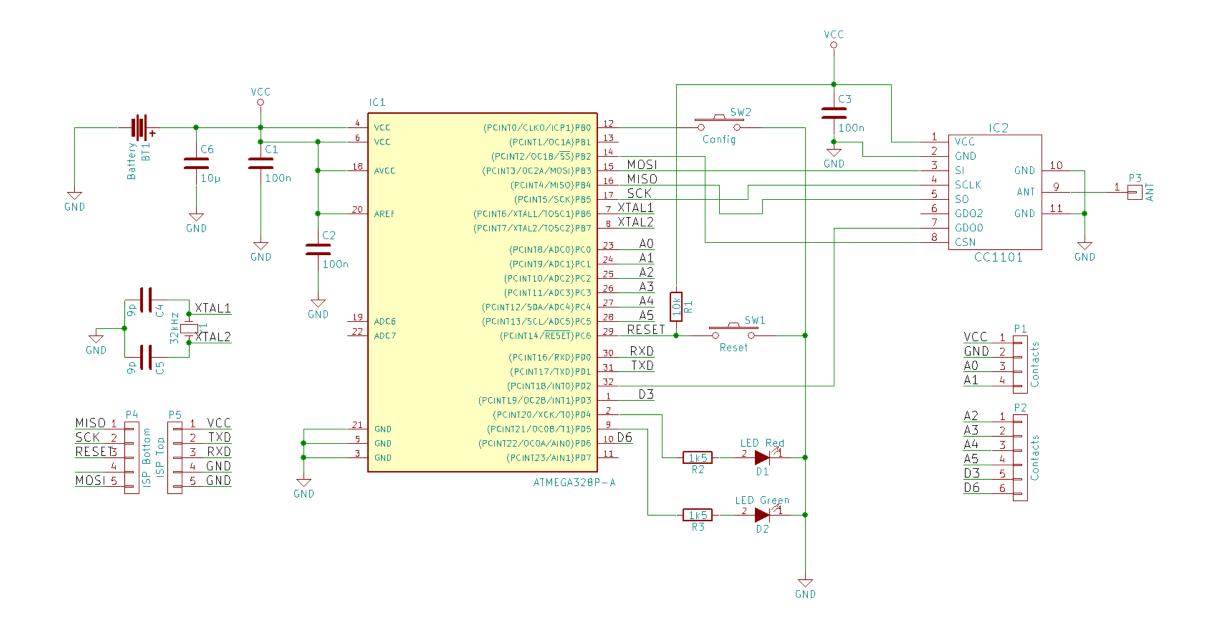| Model[1]	R_{AB} (kΩ)	Temperature Range	Package Description[2]	Package Option	Branding
AD5247BKSZ5-RL7	5	−40°C to +125°C	6-lead Thin Shrink Small Outline Transistor Package [SC70]	KS-6	D96
AD5247BKSZ10-RL7	10	−40°C to +125°C	6-lead Thin Shrink Small Outline Transistor Package [SC70]	KS-6	D95
AD5247BKSZ10-1RL7	10	−40°C to +125°C	6-lead Thin Shrink Small Outline Transistor Package [SC70]	KS-6	D5E
AD5247BKSZ10-2RL7	10	−40°C to +125°C	6-lead Thin Shrink Small Outline Transistor Package [SC70]	KS-6	DAK
AD5247BKSZ50-RL7	50	−40°C to +125°C	6-lead Thin Shrink Small Outline Transistor Package [SC70]	KS-6	D97
AD5247BKSZ100-R2	100	−40°C to +125°C	6-lead Thin Shrink Small Outline Transistor Package [SC70]	KS-6	D98
AD5247BKSZ100-RL7	100	−40°C to +125°C	6-lead Thin Shrink Small Outline Transistor Package [SC70]	KS-6	D98
AD5247BKSZ100-1RL7	100	−40°C to +125°C	6-lead Thin Shrink Small Outline Transistor Package [SC70]	KS-6	DAJ
AD5247BKSZ100-2RL7	100	−40°C to +125°C	6-lead Thin Shrink Small Outline Transistor Package [SC70]	KS-6	DAL

EXPOSED THERMAL PAD

PIN 1 ID

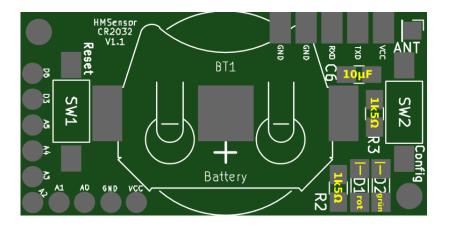Figure 36. Package Orientation Visual Reference of Pin 1
(Top View)

Fuses setzen
avrdude -p m328p -P /dev/ttyACM3 -c avrisp2 -B 10 -U lfuse:w:0xE2:m -U hfuse:w:0xD2:m -U efuse:w:0xFF:m -U lock:w:0xFF:m
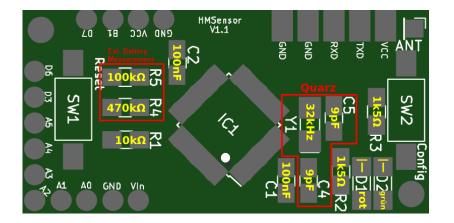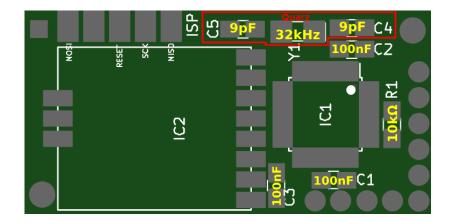
Upload des Arudino Bootloaders
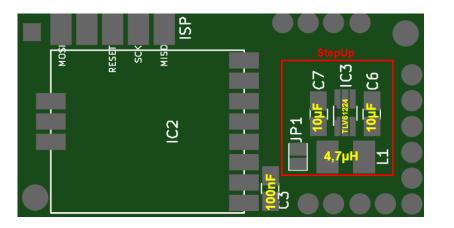avrdude -p m328p -P /dev/ttyACM3 -c avrisp2 -V -U flash:w:ATmegaBOOT_168_atmega328_pro_8MHz.hex

Bootloader verifizieren
avrdude -p m328p -P /dev/ttyACM3 -c avrisp2 -U flash:v:ATmegaBOOT_168_atmega328_pro_8MHz.hex

TIP

Wird die Antenne am Lötauge ANT der HMSensor verbaut, beträgt die Länge nur noch 72mm.

Auf die mittlere Kontaktfläche für die Knopfzelle sollte etwas Zinn aufgetragen werden damit die Erhöhung einen besseren Kontakt zu ermöglicht.