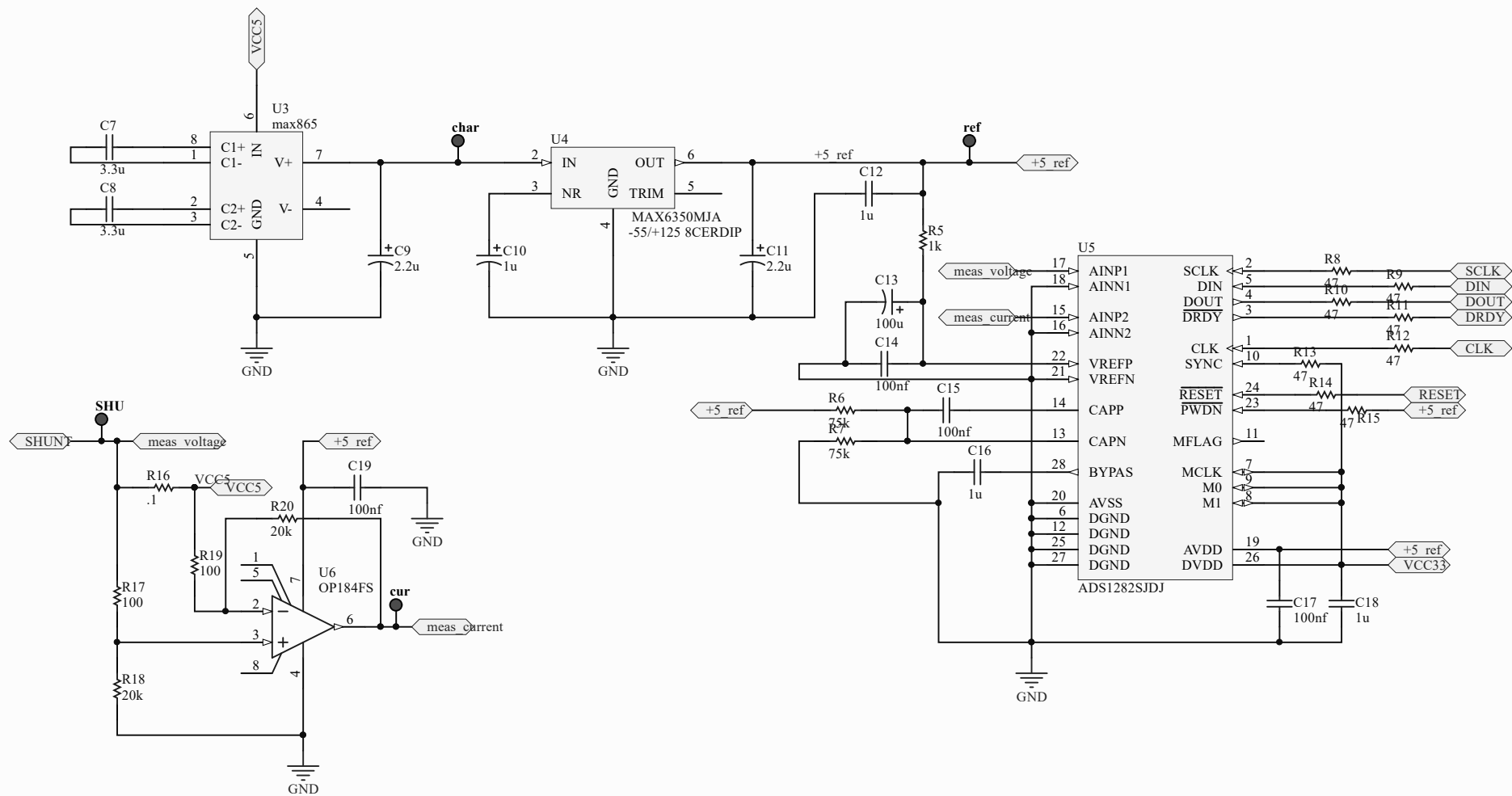


# Part List

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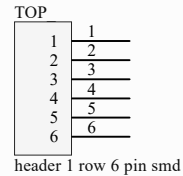
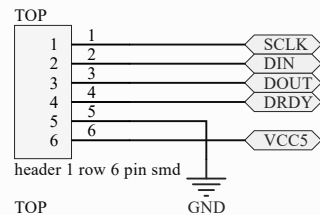
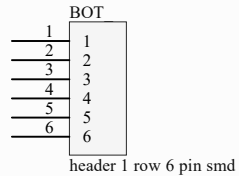
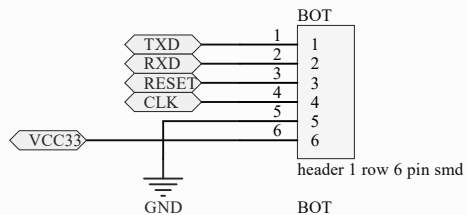
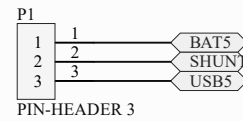
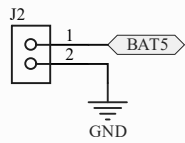
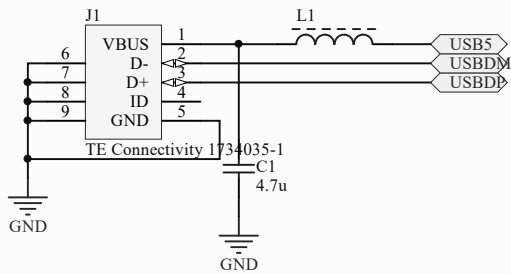
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Project:	Hirel.PrjPcb
Variant:	None

Report Date:	25.05.2016	14:43:41		
Print Date:	25-May-16	2:44:03 PM		
Designator	Comment	LibRef	Footprint	Description
BOT, BOT_ , TOP, TOP_	header 1 row 6 pin smd	CMP-0w bak55bjo2817zc0o2k-2	PCB-nv1amr6icfejtft4taw b-1	component monted on one layer
C1, C3, C5	4.7u	Kemet C0805C104J5RAC7800-2	CAPC2013X145X50LL20T2 5	0805 X7R ceramic capacitor, 50V 0.1uF
C2, C12, C16, C18	1u	Kemet C0805C104J5RAC7800-2	CAPC2013X145X50LL20T2 5	0805 X7R ceramic capacitor, 50V 0.1uF
C4	100p	Kemet C0603C104K5RAC7867-2	CAPC1608X87X35LL15T15	Multilayer Ceramic Capacitors MLCC - SMD/SMT 50volts 0.1uF X7R 10%
C6, C14, C15, C17, C19	100nF	CMP-8264263-2, Kemet C0603C104K5RAC7867-2, Kemet C0603C104K5RAC7867-2, Kemet C0603C104K5RAC7867-2, Kemet C0603C104K5RAC7867-2	CAPC1608X87X35LL15T15	Multilayer Ceramic Capacitors MLCC - SMD/SMT 50volts 0.1uF X7R 10%
C7, C8	3.3u	Kemet C0805C104J5RAC7800-2	CAPC2013X145X50LL20T2 5	0805 X7R ceramic capacitor, 50V 0.1uF
C9, C11	2.2u	AVX TAJB106K025RNJ-1	AVX-B	Cap Tant Solid 10uF 25V B CASE 10% (3.5 X 2.8 X 1.9mm) SMD 3528-21 2.5 Ohm 125°C T/R
C10	1u	AVX TAJA225K016RNJ-3	AVX-A	Cap Tant Solid 2.2uF 16V A CASE 10% (3.2 X 1.6 X 1.6mm) SMD 3216-18 6.5 Ohm 125°C T/R
C13	100u	AVX TAJB106K025RNJ-1	AVX-B	Cap Tant Solid 10uF 25V B CASE 10% (3.5 X 2.8 X 1.9mm) SMD 3528-21 2.5 Ohm 125°C T/R
D1	Dialight 598-8010-107F	CMP-1544913-2	LEDC1608X80N	DIALIGHT 5988010107F LED, 0603, RED, 40MCD, 635NM
D2	Green	Dialight 598-8010-107F-2	LEDC1608X80N	DIALIGHT 5988010107F LED, 0603, RED, 40MCD, 635NM
J1	TE Connectivity 1734035-1	CMP-778005-8	PCB-92xbr658ff15005b6v25u-1	USB Connectors 5P MINI TYPE B RECP T SMT WITH POSTS
J2		TE Connectivity 2029030-2-1	PCB-d8chgxfsn9441hp4am0k-1	Low Profile MATE-N-LOK 2 Position 3 mm Pitch Right Angle Surface Mount Header
L1		TDK MPZ1608S601A-1	CAPC1608X90X35NL15T15	MPZ Series 0603 600 Ohm 1 A 0.15 Ohm DCR Surface Mount Power Line Chip Bead
P1	PIN-HEADER 3	PIN-HEADER 3-9	PCB-aye1kopuipom6vatitq4-1	AMPMODU 3 Position Through-Hole Single Row 0.1 Inch Straight Breakaway Header
R1, R6, R7	75k	Bourns CR0805-FX-4701GLF-1	PCB-4097432-1	Res Thick Film 0805 4.7K Ohm 1% 1/8W ±100ppm°C Molded SMD SMD Paper Tape on Plastic Reel
R2	24k	Bourns CR0805-FX-4701GLF-1	PCB-4097432-1	Res Thick Film 0805 4.7K Ohm 1% 1/8W ±100ppm°C Molded SMD SMD Paper Tape on Plastic Reel
R3, R4	270	Bourns CR0805-FX-4701GLF-1	PCB-4097432-1	Res Thick Film 0805 4.7K Ohm 1% 1/8W ±100ppm°C Molded SMD SMD Paper Tape on Plastic Reel
R5	1k	Bourns CR0805-FX-4701GLF-1	PCB-4097432-1	Res Thick Film 0805 4.7K Ohm 1% 1/8W ±100ppm°C Molded SMD SMD Paper Tape on Plastic Reel
R8, R9, R10, R11, R12, R13, R14, R15	47	Bourns CR0805-FX-4701GLF-1	PCB-4097432-1	Res Thick Film 0805 4.7K Ohm 1% 1/8W ±100ppm°C Molded SMD SMD Paper Tape on Plastic Reel
R16	.1	Bourns CR0805-FX-4701GLF-1	PCB-4097432-1	Res Thick Film 0805 4.7K Ohm 1% 1/8W ±100ppm°C Molded SMD SMD Paper Tape on Plastic Reel
R17, R19	100	Bourns CR0805-FX-4701GLF-1	PCB-4097432-1	Res Thick Film 0805 4.7K Ohm 1% 1/8W ±100ppm°C Molded SMD SMD Paper Tape on Plastic Reel
R18, R20	20k	Bourns CR0805-FX-4701GLF-1	PCB-4097432-1	Res Thick Film 0805 4.7K Ohm 1% 1/8W ±100ppm°C Molded SMD SMD Paper Tape on Plastic Reel
U1	AP7361	CMP-liz7mhzrahp5mpd0csjo-2	PCB-30q2bpjxesxttrhziu65-1	DCDC converter
U2	FTDI FT232RL	CMP-1159378-7	SSOP28-0.65-10.2X5.2MM	Interface; USB-UART; Full Speed; SSOP28
U3	max865	CMP-ec76aw f2qy4sz8vne3gm-2	PCB-ew hysw b3qaiab6rbo6ras-1	Dual-Output Charge Pump
U4	MAX6350MJA	CMP-1470503-4	PCB-1470503-1	IC VREF SERIES 4.096V 8DIP
U5	ADS1282SJDJ	CMP-1063059-2	TI-JDJ28	High Temperature Ultra High Resolution Delta Sigma ADC with PGA for Seismic and Energy Exploration, -55 to 210 degC, 28-pin DIP (JDJ28)
U6	OP184FS	OP184FS-3	ADI-R-8_M	Single Channel Wide Bandwidth Operational Amplifier, 4.25 MHz BW, 4 V/us SR, Industrial, 8-pin SOIC (R-8), Tube



Title		
Size	Number	Revision
A4		
Date:	25.05.2016	Sheet of
File:	sensor.SchDoc	Drawn By:





Title		
Size	Number	Revision
A4		
Date:	25.05.2016	Sheet of
File:	connector.SchDoc	Drawn By:

