

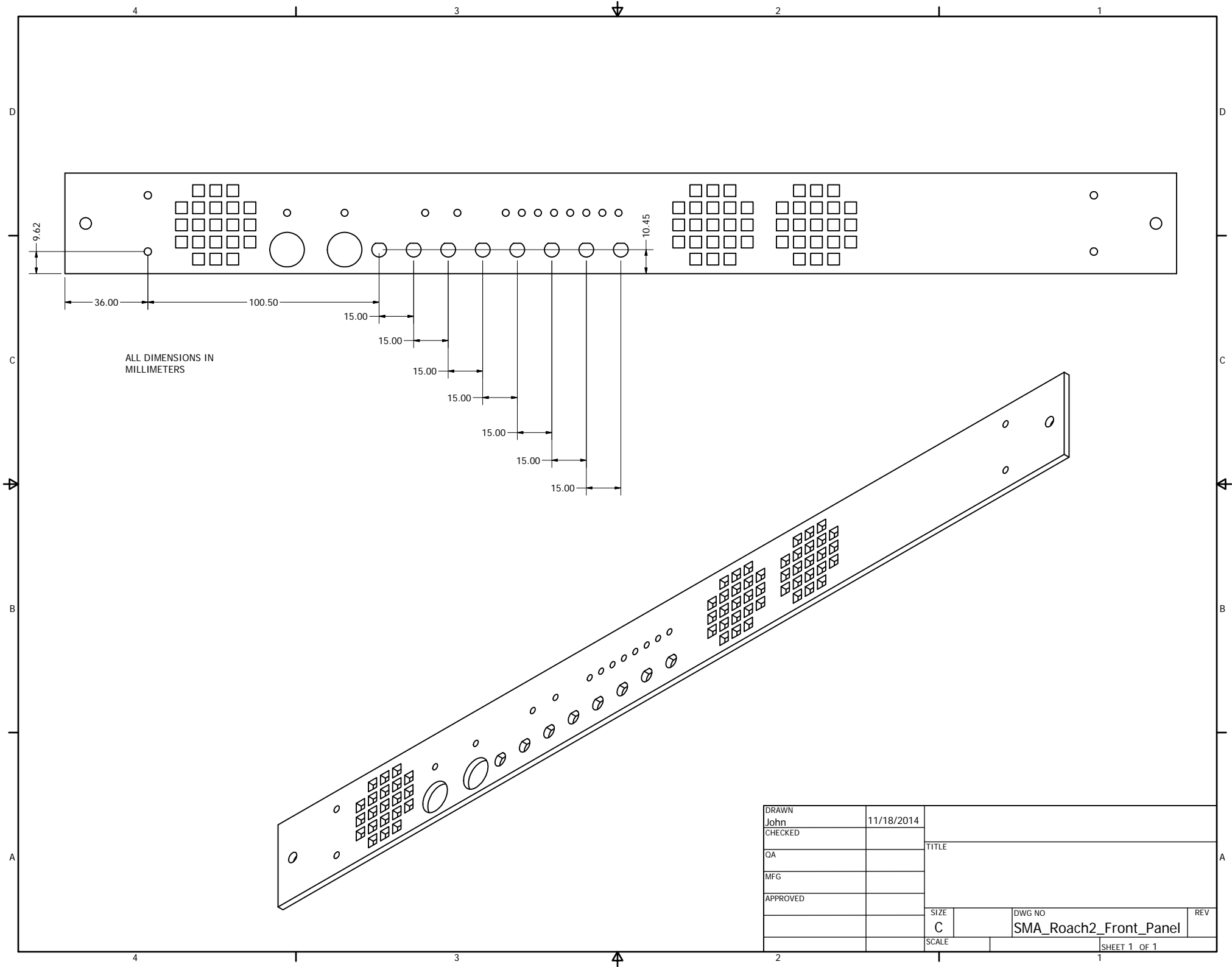
Cable	FROM - Front Panel SMA Input	TO - Assembly Connection	Cable length - Connectors
1	1pps	ADC ZDOCK 1 "SYNC"	3" - RA/STR
2	smon	ROACH2 "SYNC OUT"	12" - RA/STR
3	clk	ZAPD-2-272+ Port S	6" - RA/STR
4	if1	*ADC ZDOC 1 "I"	6" - RA/STR
5	if0	*ADC ZDOC 0 "I"	6" - RA/STR
6	hb	ADC ZDOC 0 "SYNC"	3" - RA/STR
Cable	FROM - ZAPD-2-272+	TO - Assembly Connection	Cable length - Connectors
7	Port 1	ADC ZDOCK 1 "CLK"	14" - STR/STR
8	Port 2	ADC ZDOCK 0 "CLK"	14" - STR/STR

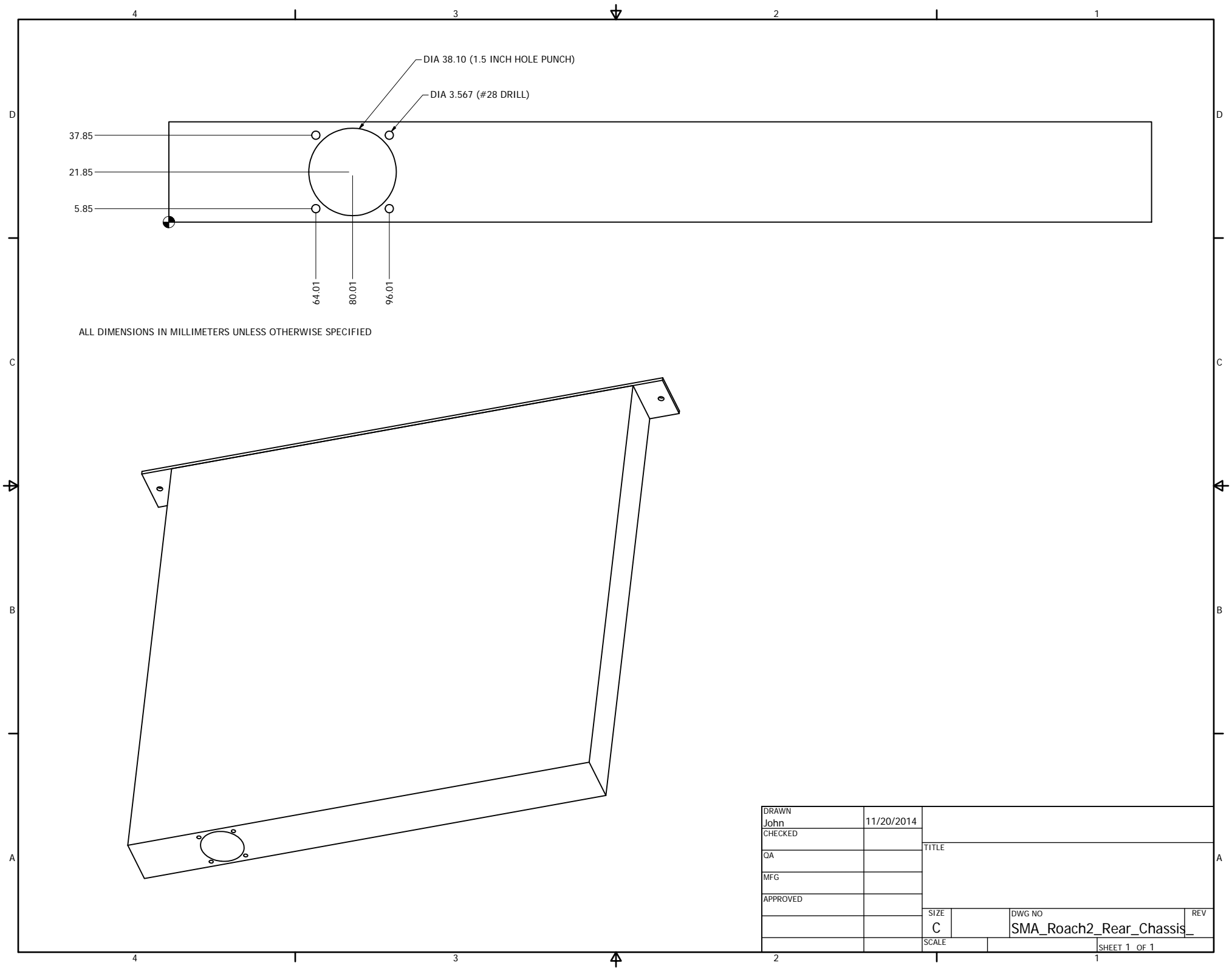
\*connected to 6dB fixed attenuator on "I" input to ADC

**ROACH2 STANDARD SAO Assembly BOM JW, JT, AY 8 Oct 2015 rev 2**

<i>Item number</i>	<i>Quantity</i>	<i>Description</i>	<i>Vendor</i>	<i>Notes</i>
1	1	1 U enclosure	All Fab	Modded by SAO
2	1	ROACH2 Assy	Digicom	
3	1	DDR3 Dimm		
4	1	FPGA Heat Sink		
5	1	FPGA Fan		Info to be provided
6	1	PowerPC Heat Sink		
7	as req	Thermal grease	Arctic Silver	Arctic Silver
8	2	ADC PCB	Digicom	
9	2	Heat sinks, ADC		
10	2	Quad SFP+ Mez PCB	Digicom	
11	1	Front panel PCB	Digicom	
12	1	power PB switch		
13	1	reset PB switch		
14	1	Power Supply	XEAL TC1UFX2	
15	1	Power Entry Module		
16	3	Fans		
17	1	Power Splitter	MiniCircuits	ZAPD-2-272+ (not the same as shown in photo)
18	1	Ribbon cable assy	Digicom	
19	1	cable, panel ck-split		see cabling chart
20	2	cable splitter-ADC		see cabling chart
21	2	cable, IF-ADC		see cabling chart
22	2	6dB pads, SMA		inline with IF in
23	2	cables, PPS and HB		see cabling chart
24	1	cable, SMA out-panel		see cabling chart
25	8	SMA feedthroughs		
26	1	Shunt JP2 "AUTO START"		







DRAWN John	11/20/2014	TITLE		
CHECKED				
QA				
MFG				
APPROVED		SMA_Roach2_Rear_Chassis_		
		SCALE	SHEET 1 OF 1	



