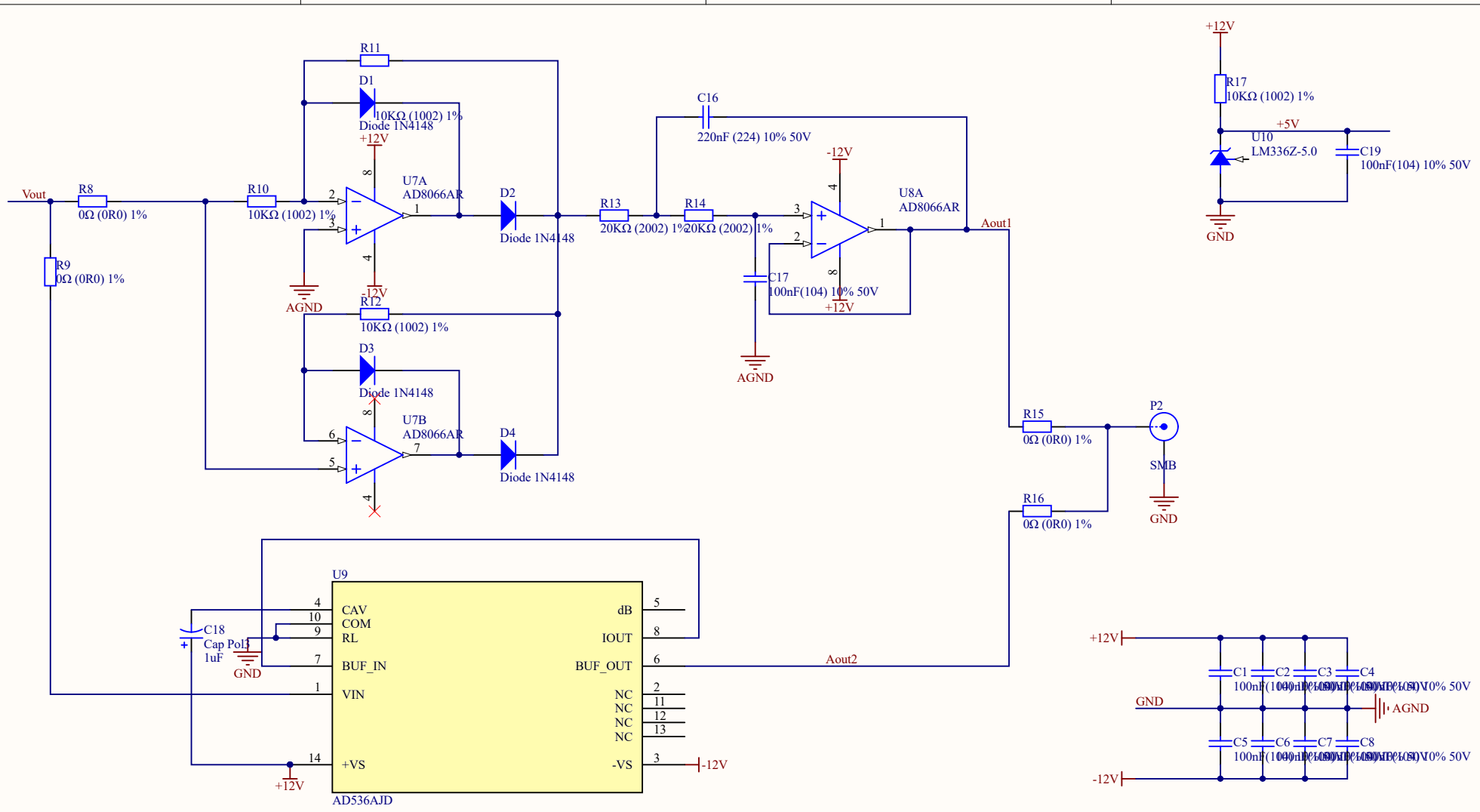

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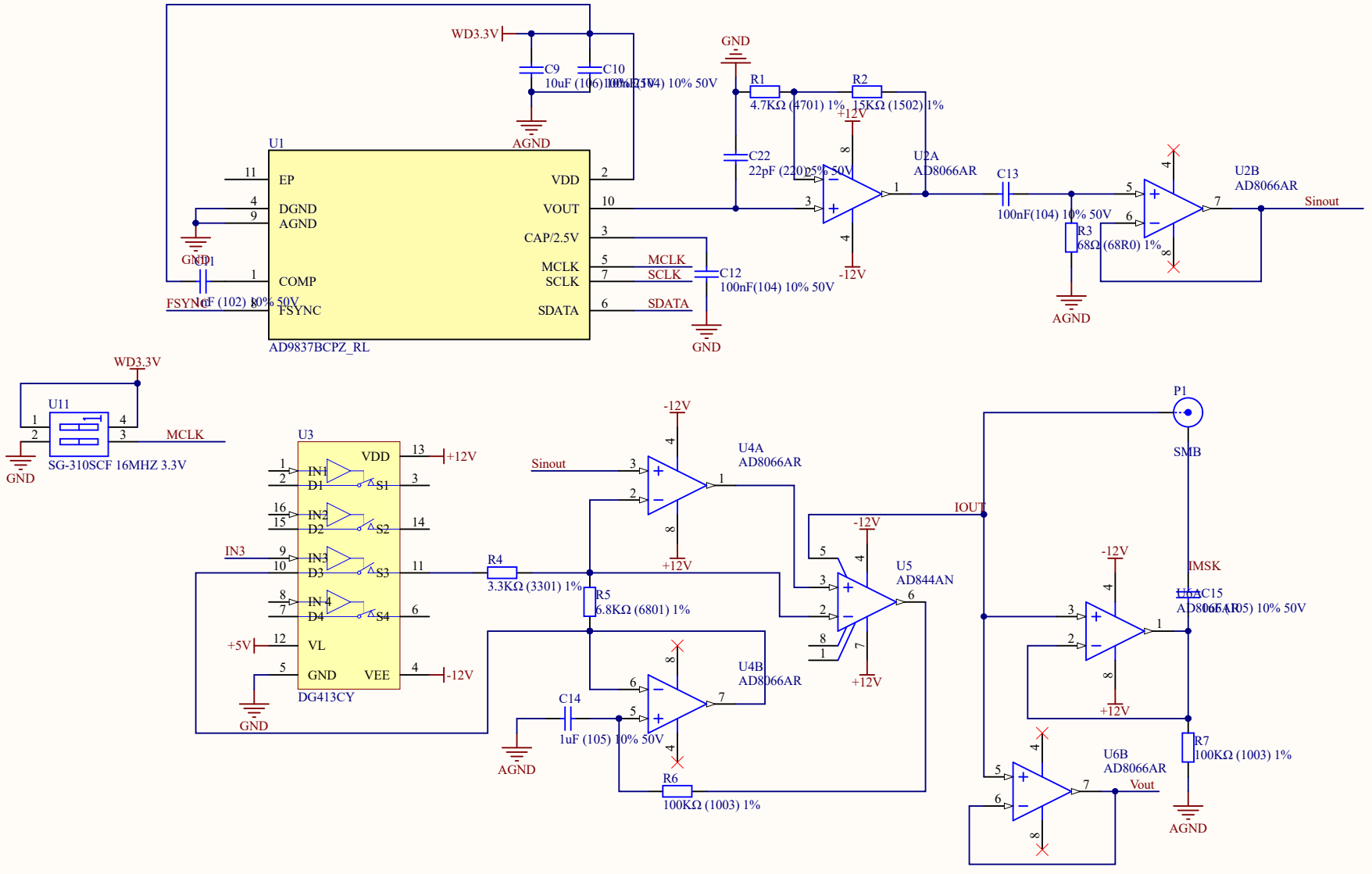

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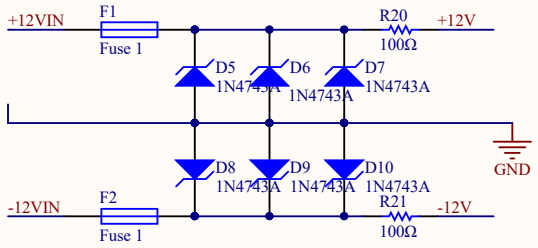
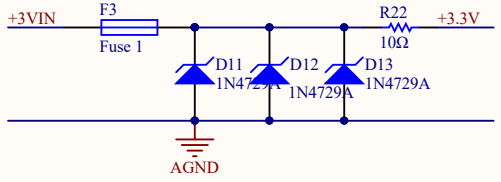
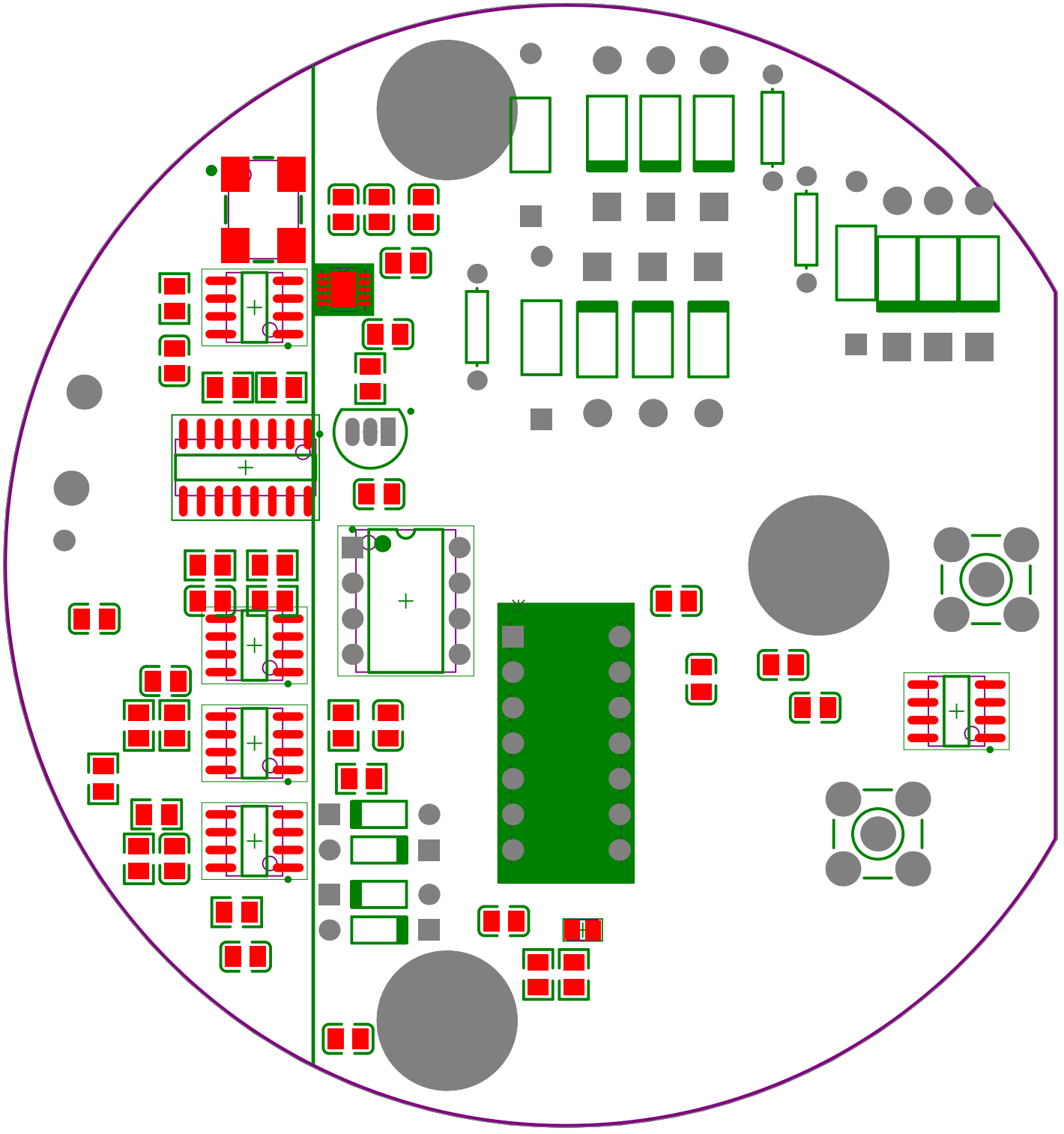




F1、F2、F3：0216系列，250V，1500A，熔断电流50mA；
D5、D6、D7、D8、D9、D10：1N4743A，稳定电压13V，精度5% ，额定功率5W；
R20、R21：金属膜电阻，阻值100Ω，精度0.5%，额定功率3W；
D11、D12、D13：1N4729A，稳定电压3.6V，额定功率0.5W；
R22：金属膜电阻，阻值10Ω，精度0.5% ，额定功率2W；

Title		
Size A4	Number	Revision
Date: 2018/5/7		Sheet of
File: C:\Users\..\齐纳安全栅.SchDoc		Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
100nF(104) 10% 50V	贴片电容	C1, C2, C3, C4, C5, C6, C7, C8, C10, C12, C13, C17, C19	LC-0805_C	0805 100nF(104) 10% 50V	13
10uF (106) 10% 25V	贴片电容	C9	LC-0805_C	0805 10uF (106) 10% 25V	1
1nF (102) 10% 50V	贴片电容	C11	LC-0805_C	0805 1nF (102) 10% 50V	1
1uF (105) 10% 50V	贴片电容	C14, C15	LC-0805_C	0805 1uF (105) 10% 50V	2
220nF (224) 10% 50V	贴片电容	C16	LC-0805_C	0805 220nF (224) 10% 50V	1
Cap Pol3	Polarized Capacitor (Surface Mount)	C18	C0805	Cap Pol3	1
22pF (220) 5% 50V	贴片电容	C22	LC-0805_C	0805 22pF (220) 5% 50V	1
Diode 1N4148	High Conductance Fast Diode	D1, D2, D3, D4	DO-35	Diode 1N4148	4
1N4743A	Zener Diode	D5, D6, D7, D8, D9, D10	DO-41	D Zener	6
1N4729A	Zener Diode	D11, D12, D13	DO-41	D Zener	3
Fuse 1	Fuse	F1, F2, F3	PIN-W2/E2.8	Fuse 1	3
SMB	SMB Straight Connector	P1, P2	SMB_V-RJ45	SMB	2
4.7KΩ (4701) 1%	贴片电阻	R1	LC-0805_R	0805 4.7KΩ (4701) 1%	1
15KΩ (1502) 1%	贴片电阻	R2	LC-0805_R	0805 15KΩ (1502) 1%	1
68Ω (68R0) 1%	贴片电阻	R3	LC-0805_R	0805 68Ω (68R0) 1%	1
3.3KΩ (3301) 1%	贴片电阻	R4	LC-0805_R	0805 3.3KΩ (3301) 1%	1
6.8KΩ (6801) 1%	贴片电阻	R5	LC-0805_R	0805 6.8KΩ (6801) 1%	1
100KΩ (1003) 1%	贴片电阻	R6, R7	LC-0805_R	0805 100KΩ (1003) 1%	2
0Ω (0R0) 1%	贴片电阻	R8, R9, R15, R16	LC-0805_R	0805 0Ω (0R0) 1%	4
10KΩ (1002) 1%	贴片电阻	R10, R11, R12, R17	LC-0805_R	0805 10KΩ (1002) 1%	4
20KΩ (2002) 1%	贴片电阻	R13, R14	LC-0805_R	0805 20KΩ (2002) 1%	2
100Ω	Resistor	R20, R21	AXIAL-0.3	Res1	2
10Ω	Resistor	R22	AXIAL-0.3	Res1	1
AD9837BCPZ_RL	Imported	U1	CP_10_9	AD9837BCPZ_RL	1
AD8066AR	Double Channel Low Power Operational Amplifier, 145 MHz BW, 180 V/us SR, Industrial, 8-pin SOIC (R-8), Tube	U2, U4, U6, U7, U8	ADI-R-8_N	AD8066AR	5
DG413CY	Improved, Quad, SPST Analog Switches	U3	NSO16_N	DG413CY	1
AD844AN	Single Channel Wide Bandwidth Operational Amplifier, 60 MHz BW, 2 KV/us SR, Industrial, 8-pin DIP (N-8), Tube	U5	ADI-N-8	AD844AN	1
AD536AJD	Imported	U9	D_14	AD536AJD	1
LM336Z-5.0	5.0V Reference Diode, 3-pin TO-92	U10	Z03A	LM336Z-5.0	1
SG-310SCF 16MHZ 3.3V	DIP Switch, 2 Position, S	U11	LC-SMD-7050_4P	SW DIP-2	1