

ADP5071 Dual Rail Power Supply BOM								
Item #	Reference Designator	Qty	Manufacturer	Mfg Part #	Description / Value	Package/Footprint	Type	Instructions / Notes
1	C1	1	Samsung	CL21B473KBCNNNC	CAP CER 0.047UF 50V X7R 0805	0805	SMD	
2	C2,C3,C7	3	Samsung	CL32B106KBJNNNE	CAP CER 10UF 50V X7R 1210	1210	SMD	
3	C4,C6	2	Samsung	CL21A105KBCLNNC	Capacitor MLCC 1uF+/-10% 50V X5R 0805	0805	SMD	
4	C5	1	Samsung	CL21B683KBCNNNC	CAP CER 0.068UF 50V X7R 0805	0805	SMD	
5	D1	1	Diodes Inc	MMSZ5231B-7-F	DIODE ZENER 5.1V 500MW SOD123	SOD-123	SMD	
6	D2,D4	2	Diodes Inc	DFLS240L-7	DIODE SCHOTTKY 40V 2A POWERDI 123	PowerDI 123	SMD	
7	D3	1	Würth Elektronik	150080YS75000	LED YELLOW CLEAR 0805 SMD	0805	SMD	
8	H1,H2,H3,H4	0						Do Not Populate
9	J1	1	Same Sky	TB007-508-03BE	Terminal block, 5.08, 3 poles, CUI Blue, slotted screw	5.08mm Pitch	THRU-HOLE	
10	J2	1	Same Sky	TB007-508-02BE	Terminal block, 5.08, 2 poles, CUI Blue, slotted screw	5.08mm Pitch	THRU-HOLE	
11	L1	1	Coilcraft	XAL4030-472MEC	Power Inductors - 4.7UH SMD Power inductor	1616 (4040 Metric)	SMD	
12	L2	1	Würth Elektronik	74438357068	FIXED IND 6.8UH 3A 74 MOHM SMD	1616 (4040 Metric)	SMD	
13	R1	1	Panasonic	ERJ-6GEYJ562V	RES SMD 5K6 OHM 5% 1/8W 0805	0805	SMD	
14	R2	1	Panasonic	ERJ-6GEYJ113V	RES SMD 11K OHM 5% 1/8W 0805	0805	SMD	
15	R3	1	Panasonic	ERJ-6ENF1432V	Thick Film Resistors - SMD 0805 14.3Kohms 1%	0805	SMD	
16	R4,R9,R12,R18	4	Panasonic	ERJ-6GEY0R00V	RES SMD 0 OHM JUMPER 1/8W 0805	0805	SMD	
17	R5	1	Panasonic	ERJ-6ENF1404V	Thick Film Resistors - SMD 0805 1.4Mohms 1%	0805	SMD	
18	R6	1	Panasonic	ERJ-6GEYJ102V	RES SMD 1K OHM 5% 1/8W 0805	0805	SMD	
19	R7	1	Panasonic	ERJ-6GEYJ104V	RES SMD 100K OHM 5% 1/8W 0805	0805	SMD	
20	R8	1	Panasonic	ERJ-6GEYJ123V	RES SMD 12K OHM 5% 1/8W 0805	0805	SMD	
21	R10	1	Panasonic	ERJ-6ENF7152V	Thick Film Resistors - SMD 0805 71.5Kohms 1%	0805	SMD	
22	R11,R13,R14,R16,R17	0						Do Not Populate
23	R15	1	Panasonic	ERJ-6ENF1154V	Thick Film Resistors - SMD 0805 1.15Mohms 1%	0805	SMD	
24	U1	1	Analog Devices	ADP5071AREZ	Switching Voltage Regulators uPMU V+/V- sw reg for bipolarADC/DAC/AMP	TSSOP-EP-20	SMD	