

DCPD rev A-01									
Bill of Materials									
Aug 18th, 2015									
Item #	Designator	Comment	Description	Footprint	LibRef	Manufacturer	Manufacturer PN	Quantity	Note
1	C1, C2, C3, C4, C6, C7, C8	100nF		0603	CAP			7	
2	C5	2.2uF		2917	CAP			4	
3	R4, R5, R8	22	1/16W, 1%, ± 200 ppm/°C, thick film (MC0603WGF024KIT)	0603	RES	multicomp		3	
4	R1, R2	510	1/16W, 1%, ± 100 ppm/°C, thick film (MC0603WGF024KIT)	0603	RES	multicomp		2	
5	R3, R6, R7, R9, R10, R14	1k	1/16W, 1%, ± 100 ppm/°C, thick film (MC0603WGF024KIT)	0603	RES	multicomp		4	
6	R100	1k	0.6W, ±0.01%, ±1ppm/°C, ± 0.005% at 70°C and 2000 h, Bulk metal Foil	S102K	RES	Vishay	Y00621K00000T9L	1	
7	R11, R12, R13	10k	1/16W, 1%, ± 100 ppm/°C, thick film (MC0603WGF024KIT)	0603	RES	multicomp		3	
8	J1, J4	JUMPER2	Header 2 pos, Friction Lock, 0.100 pitch Vert, Tin	MY_JUMP2_LOCK	JUMPER2	Molex Inc	22-23-2021	2	
9	J3	JUMPER3	Header 3 pos, Friction Lock, 0.100 pitch Vert, Tin	MY_JUMP3_LOCK	JUMPER3	Molex Inc	22-23-2031	1	
10	J2	JUMPER6	Header 6 pos, Friction Lock, 0.100 pitch Vert, Tin	MY_JUMP6_LOCK	JUMPER6	Molex Inc	22-23-2061	1	
10	Q1, Q2	3904	nnp, VbrCEo=40V, ft=300MHz, Pd=250mW	SOT-23	MMBT3904	NXP Semiconductor	MMBT3904,215	2	
11	Q3	3906	pnp, VbrCEo=-40V, ft=250MHz, Pd=250mW	SOT-23	MMBT3906	NXP Semiconductor	MMBT3906,215	1	
13	U3	AD8676	Ultraprecision, 36 V, 2.8 nVoversqrHz Dual Rail-to-Rail Output	SO-8	ADA8676	Analog Devices	AD8676BRZ	1	
14	U2	OPA124UAG4	Low Noise Precision Difet @ OpAmp	SO-8	OPA124	Texas Instruments	OPA124UAG4	1	
14	U1	OP07	Low Offset, Ib=1.2nA, 10nV/rHz (@100Hz), 0.6 MHz, 0.3V/us	SO-8	OP07	Analog Devices		1	
16	TP1, TP2, TP3	TEST POINT		SMDTP-Small	TEST POINT	--	--	3	