

Connections from Opal-Kelly breakout board

+VDC	87758-4016	DGND	87758-4016
±VDC	JP2A-1	JP2A-2	
±VDC	JP2A-3	JP2A-4	
±VDC	JP2A-5	JP2A-6	
±1.8VDD	JP2A-7	JP2A-8	
±3.3VDD	JP2A-9	JP2A-10	
±3.3VDD	JP2A-11	JP2A-12	
±3.3VDD	JP2A-13	JP2A-14	
JP2_15	JP2A-15	JP2A-16	
JP2_17	JP2A-17	JP2A-18	
JP2_19	JP2A-19	JP2A-20	
JP2_21	JP2A-21	JP2A-22	
JP2_23	JP2A-23	JP2A-24	
JP2_25	JP2A-25	JP2A-26	
JP2_27	JP2A-27	JP2A-28	
JP2_29	JP2A-29	JP2A-30	
JP2_31	JP2A-31	JP2A-32	
JP2_33	JP2A-33	JP2A-34	
DGND	JP2A-35	JP2A-36	
JP2_37	JP2A-37	JP2A-38	
JP2_39	JP2A-39	JP2A-40	

JP2_41	87758-4016	JP2_42	87758-4016
JP2_43	JP2B-1	JP2B-2	
JP2_45	JP2B-3	JP2B-4	
JP2_47	JP2B-5	JP2B-6	
JP2_49	JP2B-7	JP2B-8	
JP2_51	JP2B-9	JP2B-10	
JP2_53	JP2B-11	JP2B-12	
JP2_55	JP2B-13	JP2B-14	
DGND	JP2B-15	JP2B-16	
JP2_57	JP2B-17	JP2B-18	
JP2_59	JP2B-19	JP2B-20	
JP2_61	JP2B-21	JP2B-22	
JP2_63	JP2B-23	JP2B-24	
JP2_65	JP2B-25	JP2B-26	
JP2_67	JP2B-27	JP2B-28	
JP2_69	JP2B-29	JP2B-30	
JP2_71	JP2B-31	JP2B-32	
JP2_73	JP2B-33	JP2B-34	
JP2_75	JP2B-35	JP2B-36	
JP2_77	JP2B-37	JP2B-38	
JP2_79	JP2B-39	JP2B-40	

JP2		JP2	
+VDC	P\$1	P\$2	DGND
±VDC	P\$3	P\$4	±1.2VDD
±VDC	P\$5	P\$6	±1.2VDD
±1.8VDD	P\$7	P\$8	JP2_8
±3.3VDD	P\$9	P\$10	JP2_10
±3.3VDD	P\$11	P\$12	JP2_12
±3.3VDD	P\$13	P\$14	DGND
JP2_15	P\$15	P\$16	JP2_16
JP2_17	P\$17	P\$18	JP2_18
JP2_19	P\$19	P\$20	JP2_20
JP2_21	P\$21	P\$22	JP2_22
JP2_23	P\$23	P\$24	JP2_24
JP2_25	P\$25	P\$26	JP2_26
JP2_27	P\$27	P\$28	JP2_28
JP2_29	P\$29	P\$30	JP2_30
JP2_31	P\$31	P\$32	JP2_32
JP2_33	P\$33	P\$34	JP2_34
DGND	P\$35	P\$36	±VCCO0
JP2_37	P\$37	P\$38	JP2_38
JP2_39	P\$39	P\$40	JP2_40
JP2_41	P\$41	P\$42	JP2_42
JP2_43	P\$43	P\$44	JP2_44
JP2_45	P\$45	P\$46	JP2_46
JP2_47	P\$47	P\$48	JP2_48
JP2_49	P\$49	P\$50	JP2_50
JP2_51	P\$51	P\$52	JP2_52
JP2_53	P\$53	P\$54	JP2_54
DGND	P\$55	P\$56	±VCCO0X
JP2_57	P\$57	P\$58	JP2_58
JP2_59	P\$59	P\$60	JP2_60
JP2_61	P\$61	P\$62	JP2_62
JP2_63	P\$63	P\$64	JP2_64
JP2_65	P\$65	P\$66	JP2_66
JP2_67	P\$67	P\$68	JP2_68
JP2_69	P\$69	P\$70	JP2_70
JP2_71	P\$71	P\$72	JP2_72
JP2_73	P\$73	P\$74	JP2_74
JP2_75	P\$75	P\$76	JP2_76
JP2_77	P\$77	P\$78	DGND
JP2_79	P\$79	P\$80	DGND

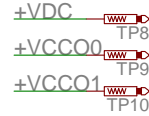
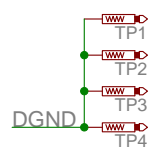
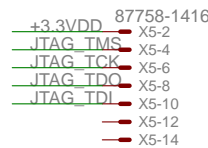
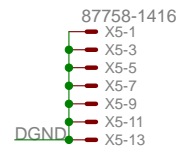
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JP1		JP1	
JP3_1	P\$1	P\$2	±3.3VDD
	P\$3	P\$4	±3.3VDD
JTAG_TCK	P\$5	P\$6	±3.3VDD
JTAG_TMS	P\$7	P\$8	JTAG_TDO
JTAG_TDI	P\$9	P\$10	VREF_BANK1
JP3_11	P\$11	P\$12	JP3_12
DGND	P\$13	P\$14	DGND
JP3_15	P\$15	P\$16	JP3_16
JP3_17	P\$17	P\$18	JP3_18
JP3_19	P\$19	P\$20	JP3_20
JP3_21	P\$21	P\$22	JP3_22
JP3_23	P\$23	P\$24	JP3_24
JP3_25	P\$25	P\$26	JP3_26
JP3_27	P\$27	P\$28	JP3_28
JP3_29	P\$29	P\$30	JP3_30
JP3_31	P\$31	P\$32	JP3_32
JP3_33	P\$33	P\$34	JP3_34
±VCCO1	P\$35	P\$36	DGND
JP3_37	P\$37	P\$38	JP3_38
JP3_39	P\$39	P\$40	JP3_40
JP3_41	P\$41	P\$42	JP3_42
JP3_43	P\$43	P\$44	JP3_44
JP3_45	P\$45	P\$46	JP3_46
JP3_47	P\$47	P\$48	JP3_48
JP3_49	P\$49	P\$50	JP3_50
JP3_51	P\$51	P\$52	JP3_52
JP3_53	P\$53	P\$54	JP3_54
±VCCO1X	P\$55	P\$56	DGND
JP3_57	P\$57	P\$58	JP3_58
JP3_59	P\$59	P\$60	JP3_60
JP3_61	P\$61	P\$62	JP3_62
JP3_63	P\$63	P\$64	JP3_64
JP3_65	P\$65	P\$66	JP3_66
JP3_67	P\$67	P\$68	JP3_68
JP3_69	P\$69	P\$70	JP3_70
JP3_71	P\$71	P\$72	JP3_72
JP3_73	P\$73	P\$74	JP3_74
JP3_75	P\$75	P\$76	JP3_76
JP3_77	P\$77	P\$78	DGND
JP3_79	P\$79	P\$80	DGND

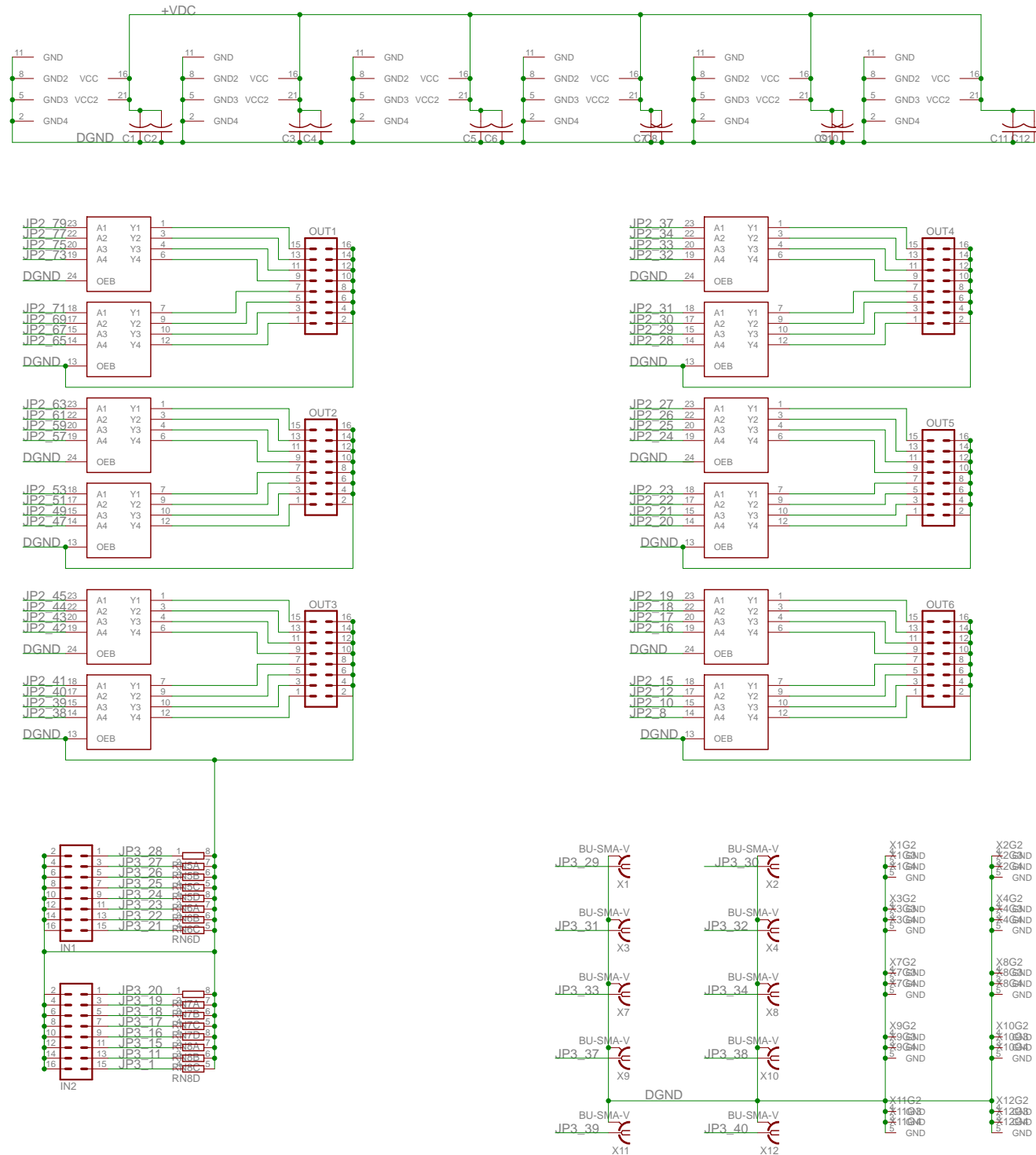
BTE-040-01

JP3_1	87758-4016	±3.3VDD	87758-4016
	JP1A-1	±3.3VDD	JP1A-2
	JP1A-3	±3.3VDD	JP1A-4
	JP1A-5	±3.3VDD	JP1A-6
	JP1A-7	±3.3VDD	JP1A-8
	JP1A-9	VREF_BANK1	JP1A-10
JP3_11	JP1A-11		JP1A-12
DGND	JP1A-13	DGND	JP1A-14
JP3_15	JP1A-15	JP3_16	JP1A-16
JP3_17	JP1A-17	JP3_18	JP1A-18
JP3_19	JP1A-19	JP3_20	JP1A-20
JP3_21	JP1A-21	JP3_22	JP1A-22
JP3_23	JP1A-23	JP3_24	JP1A-24
JP3_25	JP1A-25	JP3_26	JP1A-26
JP3_27	JP1A-27	JP3_28	JP1A-28
JP3_29	JP1A-29	JP3_30	JP1A-30
JP3_31	JP1A-31	JP3_32	JP1A-32
JP3_33	JP1A-33	JP3_34	JP1A-34
±VCCO1	JP1A-35	DGND	JP1A-36
JP3_37	JP1A-37	JP3_38	JP1A-38
JP3_39	JP1A-39	JP3_40	JP1A-40

JP3_41	87758-4016	JP3_42	87758-4016
JP3_43	JP1B-1	JP3_44	JP1B-2
JP3_45	JP1B-3	JP3_46	JP1B-4
JP3_47	JP1B-5	JP3_48	JP1B-6
JP3_49	JP1B-7	JP3_50	JP1B-8
JP3_51	JP1B-9	JP3_52	JP1B-10
JP3_53	JP1B-11	JP3_54	JP1B-12
±VCCO1X	JP1B-13	JP3_56	JP1B-14
JP3_57	JP1B-15	JP3_58	JP1B-16
JP3_59	JP1B-17	JP3_60	JP1B-18
JP3_61	JP1B-19	JP3_62	JP1B-20
JP3_63	JP1B-21	JP3_64	JP1B-22
JP3_65	JP1B-23	JP3_66	JP1B-24
JP3_67	JP1B-25	JP3_68	JP1B-26
JP3_69	JP1B-27	JP3_70	JP1B-28
JP3_71	JP1B-29	JP3_72	JP1B-30
JP3_73	JP1B-31	JP3_74	JP1B-32
JP3_75	JP1B-33	JP3_76	JP1B-34
JP3_77	JP1B-35	DGND	JP1B-36
JP3_79	JP1B-37	DGND	JP1B-38



50 Ohm Fanouts



DAC and ADC chips

