



*LIGO Laboratory / LIGO Scientific Collaboration*

LIGO-E050214-00-D

*LIGO*

8/30/05

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Generic QPD Interface D990692-00  
Bill of Materials

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Todd Etzel

Distribution of this document:  
LIGO Science Collaboration

This is an internal working note  
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Part Type	Designator	Footprint	Description	Part Number	Vendor
110	R48	1206		P110FCT-ND	Digi-Key
110	R18	1206		P110FCT-ND	Digi-Key
110	R11	1206		P110FCT-ND	Digi-Key
110	R62	1206		P110FCT-ND	Digi-Key
110	R19	1206		P110FCT-ND	Digi-Key
110	R41	1206		P110FCT-ND	Digi-Key
110	R50	1206		P110FCT-ND	Digi-Key
110	R15	1206		P110FCT-ND	Digi-Key
110	R9	1206		P110FCT-ND	Digi-Key
110	R10	1206		P110FCT-ND	Digi-Key
110	R14	1206		P110FCT-ND	Digi-Key
110	R13	1206		P110FCT-ND	Digi-Key
110	R16	1206		P110FCT-ND	Digi-Key
110	R61	1206		P110FCT-ND	Digi-Key
110	R49	1206		P110FCT-ND	Digi-Key
110	R12	1206		P110FCT-ND	Digi-Key
110	R2	1206		P110FCT-ND	Digi-Key
110	R6	1206		P110FCT-ND	Digi-Key
110	R20	1206		P110FCT-ND	Digi-Key
110	R38	1206		P110FCT-ND	Digi-Key
110	R17	1206		P110FCT-ND	Digi-Key
110	R5	1206		P110FCT-ND	Digi-Key
110	R7	1206		P110FCT-ND	Digi-Key
110	R3	1206		P110FCT-ND	Digi-Key
110	R8	1206		P110FCT-ND	Digi-Key
110	R1	1206		P110FCT-ND	Digi-Key
110	R4	1206		P110FCT-ND	Digi-Key
110	R46	1206		P110FCT-ND	Digi-Key
0.1uF	C8	1206		PCC104BCT-ND	Digi-Key
0.1uF	C6	1206		PCC104BCT-ND	Digi-Key
0.1uF	C16	1206		PCC104BCT-ND	Digi-Key
0.1uF	C13	1206		PCC104BCT-ND	Digi-Key
0.1uF	C9	1206		PCC104BCT-ND	Digi-Key
0.1uF	C5	1206		PCC104BCT-ND	Digi-Key
0.1uF	C7	1206		PCC104BCT-ND	Digi-Key
0.1uF	C10	1206		PCC104BCT-ND	Digi-Key
0.1uF	C11	1206		PCC104BCT-ND	Digi-Key
0.1uF	C12	1206		PCC104BCT-ND	Digi-Key
0.1uF	C3	1206		PCC104BCT-ND	Digi-Key
0.1uF	C1	1206		PCC104BCT-ND	Digi-Key
0.1uF	C2	1206		PCC104BCT-ND	Digi-Key
0.1uF	C4	1206		PCC104BCT-ND	Digi-Key

10K	R64	1206	P10.0KFCT-ND	Digi-Key
10K	R63	1206	P10.0KFCT-ND	Digi-Key
10K	R68	1206	P10.0KFCT-ND	Digi-Key
10K	R67	1206	P10.0KFCT-ND	Digi-Key
10K	R70	1206	P10.0KFCT-ND	Digi-Key
10K	R69	1206	P10.0KFCT-ND	Digi-Key
10K	R65	1206	P10.0KFCT-ND	Digi-Key
10K	R66	1206	P10.0KFCT-ND	Digi-Key
10uF, 35V	C17	7343	T491D106K035AS	Kemet/Newark
1K	R42	1206	P1.00KFCT-ND	Digi-Key
1K	R36	1206	P1.00KFCT-ND	Digi-Key
1K	R32	1206	P1.00KFCT-ND	Digi-Key
1K	R45	1206	P1.00KFCT-ND	Digi-Key
1K	R37	1206	P1.00KFCT-ND	Digi-Key
1K	R47	1206	P1.00KFCT-ND	Digi-Key
1K	R35	1206	P1.00KFCT-ND	Digi-Key
1K	R31	1206	P1.00KFCT-ND	Digi-Key
1K	R22	1206	P1.00KFCT-ND	Digi-Key
1K	R29	1206	P1.00KFCT-ND	Digi-Key
1K	R26	1206	P1.00KFCT-ND	Digi-Key
1K	R56	1206	P1.00KFCT-ND	Digi-Key
1K	R59	1206	P1.00KFCT-ND	Digi-Key
1K	R51	1206	P1.00KFCT-ND	Digi-Key
1K	R57	1206	P1.00KFCT-ND	Digi-Key
1K	R53	1206	P1.00KFCT-ND	Digi-Key
1K	R58	1206	P1.00KFCT-ND	Digi-Key
1K	R60	1206	P1.00KFCT-ND	Digi-Key
1K	R23	1206	P1.00KFCT-ND	Digi-Key
1K	R52	1206	P1.00KFCT-ND	Digi-Key
1K	R55	1206	P1.00KFCT-ND	Digi-Key
1K	R54	1206	P1.00KFCT-ND	Digi-Key
1K	R40	1206	P1.00KFCT-ND	Digi-Key
1K	R28	1206	P1.00KFCT-ND	Digi-Key
1K	R25	1206	P1.00KFCT-ND	Digi-Key
1K	R39	1206	P1.00KFCT-ND	Digi-Key
1K	R44	1206	P1.00KFCT-ND	Digi-Key
1K	R34	1206	P1.00KFCT-ND	Digi-Key
1K	R24	1206	P1.00KFCT-ND	Digi-Key
1K	R21	1206	P1.00KFCT-ND	Digi-Key
1K	R43	1206	P1.00KFCT-ND	Digi-Key
1K	R33	1206	P1.00KFCT-ND	Digi-Key
1K	R30	1206	P1.00KFCT-ND	Digi-Key
1K	R27	1206	P1.00KFCT-ND	Digi-Key

LIGO-T050214-00-D

26PIN	J8	IDC26		71922-126	Berg/Newark
26PIN	J9	IDC26		71922-126	Berg/Newark
68uF, 20V	C15	7343		T491X686K020AS	Kemet/Newark
68uF, 20V	C14	7343		T491X686K020AS	Kemet/Newark
DIN96	P1	DIN96RA	DIN 96	100-096-053	Panduit/Newark
DIN96	P2	DIN96RA	DIN 96	100-096-053	Panduit/Newark
HEADER 2	JP4	SIP2		*	*
HEADER 2	JP2	SIP2		*	*
HEADER 2	JP8	SIP2		*	*
HEADER 2	JP6	SIP2		*	*
HEADER 2	JP3	SIP2		*	*
HEADER 2	JP1	SIP2		*	*
HEADER 2	JP7	SIP2		*	*
HEADER 2	JP5	SIP2		*	*
HEADER 3	JP11	SIP3		*	*
HEADER 3	JP12	SIP3		*	*
HEADER 3	JP15	SIP3		*	*
HEADER 3	JP14	SIP3		*	*
HEADER 3	JP13	SIP3		*	*
HEADER 3	JP16	SIP3		*	*
HEADER 3	JP10	SIP3		*	*
HEADER 3	JP9	SIP3		*	*
LT1125CS	U2	SOL-16	Surface mount quad op amp.	LT1125CS	Linear Tech.
LT1125CS	U7	SOL-16	Surface mount quad op amp.	LT1125CS	Linear Tech.
LT1125CS	U4	SOL-16	Surface mount quad op amp.	LT1125CS	Linear Tech.
LT1125CS	U5	SOL-16	Surface mount quad op amp.	LT1125CS	Linear Tech.
LT1125CS	U6	SOL-16	Surface mount quad op amp.	LT1125CS	Linear Tech.
LT1125CS	U1	SOL-16	Surface mount quad op amp.	LT1125CS	Linear Tech.
LT1125CS	U3	SOL-16	Surface mount quad op amp.	LT1125CS	Linear Tech.
TIE_POINT	TPGND1	TP	Tie Point	*	*
TIE_POINT	TPGND2	TP	Tie Point	*	*
TIE_POINT	TPGND3	TP	Tie Point	*	*
TIE_POINT	TP3	TP	Tie Point	*	*
TIE_POINT	TP1	TP	Tie Point	*	*
TIE_POINT	TP2	TP	Tie Point	*	*
	J1	LEMO-EPY	Dual LEMO Connector	EPY.00.250.NTN	LEMO
	J3	LEMO-EPY	Dual LEMO Connector	EPY.00.250.NTN	LEMO
	J4	LEMO-	Dual LEMO Connector	EPY.00.250.NTN	LEMO

LIGO-T050214-00-D

	EPY			
J2	LEMO- EPY	Dual LEMO Connector	EPY.00.250.NTN	LEMO
J6	LEMO- EPY	Dual LEMO Connector	EPY.00.250.NTN	LEMO
J5	LEMO- EPY	Dual LEMO Connector	EPY.00.250.NTN	LEMO
J7	LEMO- EPY	Dual LEMO Connector	EPY.00.250.NTN	LEMO