

# PARTS LIST for: PC3216M

OM Job No:

Engineer	PC Issue	Circuit Issue	Cost Centre	Checked & Approved (Signed & dated)
M.POSTRANECKY	5	E		

Ref Des *=-Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
C1	0.61	13.40	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C2	0.62	12.88	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C3	0.62	12.42	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C4	0.62	11.96	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C5	0.62	11.49	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C6	0.62	11.03	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C7	0.62	10.56	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C8	0.62	10.10	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C9	0.85	6.53	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C10	0.99	9.48	AVX-KYOCERA TAJD476K016R	47uF SMD 16V Capacitor, Case Size D
C11	1.04	6.53	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C12	1.08	13.23	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C13	1.08	13.03	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C14	1.08	12.76	Siemens B37940K5470J60	47pF SMD Capacitor, 50V, 0805
C15	1.08	12.58	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C16	1.08	12.31	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C17	1.08	12.11	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C18	1.08	11.84	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C19	1.08	11.56	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C20	1.08	11.37	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C21	1.08	11.16	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C22	1.08	10.91	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C23	1.08	10.71	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C24	1.08	10.43	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C25	1.08	10.23	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C26	1.08	9.91	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C27	1.09	5.53	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603

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C28	1.11	13.56	Farnell 722-080	100pF NPO Capacitor, 0603
C29	1.27	5.86	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
C30	1.28	9.72	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C31	1.53	12.91	Siemens B37940K5470J60	47pF SMD Capacitor, 50V, 0805
C32	1.53	11.48	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C33	1.53	11.03	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C34	1.53	10.57	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C35	1.53	10.11	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C36	1.54	13.36	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C37	1.54	12.43	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C38	1.54	11.96	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C39	1.86	9.58	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C40	2.94	5.50	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C41	2.94	4.92	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C42	4.70	10.14	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C43	7.18	9.50	AVX TAJC476K010R	47uF SMD 10V Capacitor, Case Size C
C44	7.18	9.28	AVX TAJC476K010R	47uF SMD 10V Capacitor, Case Size C
C45	7.24	9.39	AVX-KYOCERA TAJA105K016R	1uF SMD 16V Capacitor, Case Size A
C46	7.76	10.09	AVX TAJC476K010R	47uF SMD 10V Capacitor, Case Size C
C47	7.76	8.70	AVX TAJC476K010R	47uF SMD 10V Capacitor, Case Size C
C48	7.87	8.76	AVX-KYOCERA TAJA105K016R	1uF SMD 16V Capacitor, Case Size A
C49	7.87	10.03	AVX-KYOCERA TAJA105K016R	1uF SMD 16V Capacitor, Case Size A
C50	7.98	10.09	AVX TAJC476K010R	47uF SMD 10V Capacitor, Case Size C
C51	7.98	8.70	AVX TAJC476K010R	47uF SMD 10V Capacitor, Case Size C
C52	8.51	9.39	AVX-KYOCERA TAJA105K016R	1uF SMD 16V Capacitor, Case Size A
C53	8.57	9.50	AVX TAJC476K010R	47uF SMD 10V Capacitor, Case Size C
C54	8.57	9.28	AVX TAJC476K010R	47uF SMD 10V Capacitor, Case Size C
C55	9.90	12.28	AVX TAJC476K010R	47uF SMD 10V Capacitor, Case Size C
C56	9.90	12.05	AVX TAJC476K010R	47uF SMD 10V Capacitor, Case Size C
C57	9.96	12.16	AVX-KYOCERA TAJA105K016R	1uF SMD 16V Capacitor, Case Size A
C58	10.49	12.86	AVX TAJC476K010R	47uF SMD 10V Capacitor, Case Size C

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C59	10.49	11.47	AVX TAJC476K010R	47uF SMD 10V Capacitor, Case Size C
C60	10.60	11.53	AVX-KYOCERA TAJA105K016R	1uF SMD 16V Capacitor, Case Size A
C61	10.60	12.80	AVX-KYOCERA TAJA105K016R	1uF SMD 16V Capacitor, Case Size A
C62	10.71	12.86	AVX TAJC476K010R	47uF SMD 10V Capacitor, Case Size C
C63	10.71	11.47	AVX TAJC476K010R	47uF SMD 10V Capacitor, Case Size C
C64	10.74	13.66	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C65	11.07	7.05	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C66	11.07	6.85	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C67	11.17	13.65	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C68	11.23	12.16	AVX-KYOCERA TAJA105K016R	1uF SMD 16V Capacitor, Case Size A
C69	11.29	12.28	AVX TAJC476K010R	47uF SMD 10V Capacitor, Case Size C
C70	11.29	12.05	AVX TAJC476K010R	47uF SMD 10V Capacitor, Case Size C
C71	11.78	5.63	Farnell 920-460	470uF 16V Electrolytic
C72	11.71	5.40	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C73	12.03	8.73	AVX-KYOCERA TPSE477K010R0050	470uF SMD 10V Low ESR Capacitor, Case Size E
C74	12.23	8.73	AVX-KYOCERA TPSE477K010R0050	470uF SMD 10V Low ESR Capacitor, Case Size E
C75	12.43	8.67	AVX TPSD107K010R0100	100uF SMD 10V Capacitor, Case Size D
C76	12.74	5.40	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C77	12.74	2.15	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C78	12.86	2.77	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C79	12.94	5.62	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C80	13.20	2.00	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C81	13.21	2.40	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C82	13.60	2.75	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C83	13.63	1.77	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C84	13.70	0.91	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C85	13.70	0.59	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C86	13.72	9.30	Farnell 912-967	1000uF 16V Axial Electrolytic
C87	14.00	3.19	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C88	14.07	10.38	Farnell 920-460	470uF 16V Electrolytic
C89	14.07	9.68	Farnell 920-460	470uF 16V Electrolytic

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C90	14.21	9.32	Farnell 920-460	470uF 16V Electrolytic
C91	14.15	10.03	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C92	15.08	3.52	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C93	15.08	3.42	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C94	15.08	3.32	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C95	15.08	3.22	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C96	15.08	3.12	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C97	15.08	3.02	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C98	15.08	2.92	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C99	15.08	2.82	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C100	15.08	2.72	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C101	15.08	2.62	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C102	0.65	1.63	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C103	0.65	1.46	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C104	0.65	1.19	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C105	0.65	1.02	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C106	0.72	1.82	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C107	0.72	0.51	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C108	0.83	13.72	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C109	0.83	13.51	Farnell 722-042	47pF NPO Capacitor, 0603
*C110	0.84	13.21	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C111	0.84	12.74	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C112	0.84	12.29	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C113	0.84	11.82	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C114	0.84	11.36	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C115	0.84	10.89	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C116	0.84	10.42	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C117	0.89	1.82	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C118	0.89	0.51	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C119	0.91	3.37	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C120	0.91	2.84	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603

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	X	Y		
*C121	0.97	2.32	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C122	0.94	5.84	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C123	0.94	5.12	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C124	0.94	4.14	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C125	0.99	9.47	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C126	1.11	5.84	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C127	1.11	5.12	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C128	1.11	4.14	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C129	1.28	9.68	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C130	1.32	13.90	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C131	1.32	13.48	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C132	1.32	13.02	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C133	1.32	12.55	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C134	1.32	12.09	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C135	1.32	11.62	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C136	1.32	11.15	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C137	1.32	10.69	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C138	1.32	10.23	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C139	1.63	11.85	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C140	1.63	11.32	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C141	1.63	10.79	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C142	1.64	9.71	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C143	1.65	3.10	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C144	1.65	2.58	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C145	1.66	12.38	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C146	1.73	12.97	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C147	1.73	12.86	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C148	1.73	12.66	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C149	1.73	3.44	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C150	1.77	2.73	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C151	1.81	3.10	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603

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*C152	1.81	2.58	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C153	2.06	5.21	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C154	2.35	9.56	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C155	2.35	9.39	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C156	2.63	13.32	Farnell 722-080	100pF NPO Capacitor, 0603
*C157	2.73	13.41	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C158	2.88	11.37	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C159	2.88	11.28	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C160	2.94	5.42	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C161	3.09	13.11	AVX-KYOCERA CM21X7R334K16VAT	330nF SMD Capacitor, 0805
*C162	3.10	13.48	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C163	3.17	11.23	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C164	3.17	11.12	CC0603HY5V103ZTR	10nF SMD Capacitor, 0603
*C165	3.29	13.20	Farnell 722-080	100pF NPO Capacitor, 0603
*C166	3.40	11.23	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C167	3.40	11.12	CC0603HY5V103ZTR	10nF SMD Capacitor, 0603
*C168	3.50	13.11	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C169	3.77	9.76	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C170	3.69	13.11	Farnell 722-080	100pF NPO Capacitor, 0603
*C171	3.76	13.11	Farnell 722-080	100pF NPO Capacitor, 0603
*C172	3.83	11.37	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C173	3.83	11.28	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C174	3.92	13.63	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C175	3.90	12.60	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C176	3.90	12.07	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C177	4.00	13.63	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C178	3.98	12.60	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C179	3.98	12.07	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C180	4.12	13.31	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C181	4.20	13.30	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C182	4.38	12.74	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603

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*C183	4.38	12.65	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C184	4.38	11.41	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C185	4.38	11.33	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C186	4.73	9.61	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C187	4.64	10.74	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C188	4.64	10.62	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C189	4.64	10.46	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C190	4.64	10.34	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C191	4.80	12.38	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C192	4.80	11.99	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C193	5.24	8.52	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C194	4.46	13.74	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C195	4.87	13.76	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C196	1.29	6.52	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C197	4.91	12.91	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C198	4.91	12.83	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C199	4.91	11.41	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C200	4.91	11.33	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C201	5.03	10.74	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C202	5.03	10.62	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C203	5.03	10.46	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C204	5.03	10.34	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C205	4.55	8.52	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C206	4.55	8.40	CC0603HY5V103ZTR	10nF SMD Capacitor, 0603
*C207	5.41	9.61	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C208	4.21	8.59	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C209	4.91	8.23	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C210	5.00	8.23	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C211	4.78	8.52	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C212	4.78	8.40	CC0603HY5V103ZTR	10nF SMD Capacitor, 0603
*C213	6.15	9.32	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603

# PARTS LIST for: PC3216M

OM Job No:

Ref Des *Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
*C214	6.15	9.26	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C215	6.26	8.69	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C216	6.26	8.49	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C217	6.32	9.09	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C218	6.39	9.09	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C219	6.42	9.70	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C220	6.46	12.62	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C221	6.46	11.30	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C222	6.46	9.09	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C223	6.50	9.70	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C224	6.54	9.09	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C225	6.57	9.70	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C226	6.64	9.70	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C227	6.65	8.69	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C228	6.65	8.49	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C229	6.66	9.85	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C230	6.72	9.85	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C231	6.76	9.32	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C232	6.76	9.26	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C233	6.96	13.40	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C234	6.96	13.32	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C235	6.96	12.05	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C236	6.96	11.97	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C237	7.50	9.74	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C238	7.44	12.16	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C239	7.44	11.76	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C240	7.50	13.40	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C241	7.50	13.32	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C242	7.56	9.39	Farnell 578-149	10nF SMD Capacitor, 0402
*C243	7.64	9.39	Farnell 578-149	10nF SMD Capacitor, 0402
*C244	7.72	9.49	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V



## PARTS LIST for: PC3216M

OM Job No:

Ref Des *=Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
*C245	7.72	9.43	Farnell 578-149	10nF SMD Capacitor, 0402
*C246	7.72	9.36	Farnell 578-149	10nF SMD Capacitor, 0402
*C247	7.72	9.29	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C248	7.76	9.54	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C249	7.76	9.24	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C250	7.78	10.84	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C251	7.78	10.45	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C252	7.80	12.16	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C253	7.83	9.54	Farnell 578-149	10nF SMD Capacitor, 0402
*C254	7.83	9.24	Farnell 578-149	10nF SMD Capacitor, 0402
*C255	7.87	9.83	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C256	7.87	9.71	Farnell 578-149	10nF SMD Capacitor, 0402
*C257	7.87	9.63	Farnell 578-149	10nF SMD Capacitor, 0402
*C258	7.87	9.16	Farnell 578-149	10nF SMD Capacitor, 0402
*C259	7.87	9.08	Farnell 578-149	10nF SMD Capacitor, 0402
*C260	7.87	8.95	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C261	7.92	9.54	Farnell 578-149	10nF SMD Capacitor, 0402
*C262	7.92	9.24	Farnell 578-149	10nF SMD Capacitor, 0402
*C263	7.98	10.84	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C264	7.98	10.45	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C265	7.98	9.54	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C266	7.98	9.24	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C267	8.02	9.49	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C268	8.02	9.43	Farnell 578-149	10nF SMD Capacitor, 0402
*C269	8.02	9.36	Farnell 578-149	10nF SMD Capacitor, 0402
*C270	8.02	9.29	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C271	8.04	13.40	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C272	8.04	13.32	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C273	8.11	9.39	Farnell 578-149	10nF SMD Capacitor, 0402
*C274	8.19	9.39	Farnell 578-149	10nF SMD Capacitor, 0402
*C275	8.31	9.39	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V

# PARTS LIST for: PC3216M

OM Job No:

Ref Des *Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
*C276	8.90	12.07	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C277	8.90	12.00	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C278	9.05	9.65	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C279	9.07	11.83	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C280	9.14	11.83	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C281	9.18	12.44	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C282	9.21	11.83	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C283	9.24	12.44	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C284	9.26	13.49	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C285	9.29	11.83	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C286	9.32	12.44	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C287	9.39	12.44	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C288	9.40	12.59	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C289	9.47	12.59	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C290	9.51	12.07	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C291	9.51	12.00	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C292	9.60	10.68	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C293	9.60	9.74	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C294	10.19	8.71	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C295	10.29	12.16	Farnell 578-149	10nF SMD Capacitor, 0402
*C296	10.34	9.16	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C297	10.37	12.16	Farnell 578-149	10nF SMD Capacitor, 0402
*C298	10.45	12.27	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C299	10.45	12.20	Farnell 578-149	10nF SMD Capacitor, 0402
*C300	10.45	12.13	Farnell 578-149	10nF SMD Capacitor, 0402
*C301	10.45	12.06	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C302	10.49	12.31	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C303	10.49	12.02	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C304	10.55	12.31	Farnell 578-149	10nF SMD Capacitor, 0402
*C305	10.55	12.02	Farnell 578-149	10nF SMD Capacitor, 0402
*C306	10.60	12.61	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V

# PARTS LIST for: PC3216M

OM Job No:

Ref Des *Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
*C307	10.60	12.48	Farnell 578-149	10nF SMD Capacitor, 0402
*C308	10.60	12.40	Farnell 578-149	10nF SMD Capacitor, 0402
*C309	10.60	11.93	Farnell 578-149	10nF SMD Capacitor, 0402
*C310	10.60	11.85	Farnell 578-149	10nF SMD Capacitor, 0402
*C311	10.60	11.72	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C312	10.64	12.31	Farnell 578-149	10nF SMD Capacitor, 0402
*C313	10.64	12.02	Farnell 578-149	10nF SMD Capacitor, 0402
*C314	10.71	12.31	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C315	10.71	12.02	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C316	10.75	12.27	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C317	10.75	12.20	Farnell 578-149	10nF SMD Capacitor, 0402
*C318	10.75	12.13	Farnell 578-149	10nF SMD Capacitor, 0402
*C319	10.75	12.06	Murata GRM155R61A104KA01D	100nF X5R Capacitor, 0402, 10V
*C320	10.84	12.16	Farnell 578-149	10nF SMD Capacitor, 0402
*C321	10.91	12.16	Farnell 578-149	10nF SMD Capacitor, 0402
*C322	11.28	11.25	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C323	11.28	11.05	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C324	11.67	11.25	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C325	11.67	11.05	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C326	12.03	13.73	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C327	12.03	13.53	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C328	12.03	13.05	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C329	12.03	12.85	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C330	12.03	12.32	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C331	12.03	12.12	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C332	12.03	11.60	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C333	12.03	11.40	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C334	12.03	10.88	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C335	12.03	10.68	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C336	12.13	8.85	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C337	12.33	8.85	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805

# PARTS LIST for: PC3216M

OM Job No:

Ref Des *Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
*C338	12.42	13.73	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C339	12.42	13.53	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C340	12.42	13.05	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C341	12.42	12.85	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C342	12.42	12.32	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C343	12.42	12.12	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C344	12.42	11.60	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C345	12.42	11.40	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C346	12.42	10.88	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C347	12.42	10.68	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C348	12.77	2.14	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C349	12.88	2.74	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C350	13.16	11.85	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C351	13.22	1.98	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C352	13.24	11.62	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C353	13.80	13.88	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C354	13.47	12.31	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C355	13.47	11.97	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C356	13.69	2.11	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C357	13.70	11.85	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C358	9.24	10.53	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C359	13.77	2.54	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C360	13.78	1.45	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
*C361	13.79	1.63	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C362	14.32	14.07	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C363	13.80	11.62	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C364	13.80	0.94	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C365	13.73	0.59	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C366	13.80	3.67	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C367	13.80	3.48	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C368	13.97	2.85	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603

# PARTS LIST for: PC3216M

OM Job No:

Ref Des *Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
*C369	13.90	2.50	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C370	13.99	1.75	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C371	13.93	1.40	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C372	14.20	3.67	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C373	14.20	3.48	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C374	14.18	2.72	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C375	14.22	1.63	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C376	14.22	11.85	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C377	14.22	10.72	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C378	14.85	14.07	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C379	14.32	7.82	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C380	14.75	11.85	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C381	14.75	10.72	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C382	14.77	7.82	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C383	14.85	6.82	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C384	14.88	1.80	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
C385	5.01	9.35	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
C386	1.88	10.04	AVX-KYOCERA TAJD476K016R	47uF SMD 16V Capacitor, Case Size D
C387	3.81	8.28	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
C388	2.41	10.06	AVX-KYOCERA TPSA106K010R	10uF SMD 10V Capacitor, Low ESR, Case Size A
C389	3.73	8.28	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
C390	3.63	8.24	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C391	3.33	8.28	AVX-KYOCERA 06033C103KAT00J	10nF SMD Capacitor, 0603
C392	3.41	8.28	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
C393	3.51	8.24	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
*C394	4.38	10.62	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C395	4.37	11.02	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
C396	4.64	11.51	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
*C397	4.38	11.94	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C398	4.37	12.34	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C399	4.38	12.83	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206

# PARTS LIST for: PC3216M

OM Job No:

Ref Des *Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
*C400	4.92	13.31	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C401	4.52	13.30	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
C402	4.12	13.57	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
*C403	6.96	12.60	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C404	6.96	13.00	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C405	6.97	13.48	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
*C406	6.96	11.26	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C407	6.96	11.65	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C408	6.96	12.14	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
*C409	7.50	12.60	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C410	7.50	13.00	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C411	7.50	13.48	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
*C412	8.04	12.60	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C413	8.03	13.00	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C414	8.04	13.48	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
C415	7.62	12.07	AVX-KYOCERA TAJA474K025R	470nF SMD 25V Capacitor, Case Size A
C416	7.64	11.66	AVX-KYOCERA TAJA474K025R	470nF SMD 25V Capacitor, Case Size A
C417	7.99	12.07	AVX-KYOCERA TAJA474K025R	470nF SMD 25V Capacitor, Case Size A
*C418	13.77	2.72	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
C419	2.69	13.59	AVX-KYOCERA TAJA474K025R	470nF SMD 25V Capacitor, Case Size A
C420	3.15	13.29	AVX-KYOCERA TAJA474K025R	470nF SMD 25V Capacitor, Case Size A
*C421	3.19	13.22	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C422	3.59	13.22	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
C423	3.61	13.29	AVX-KYOCERA TAJA474K025R	470nF SMD 25V Capacitor, Case Size A
C424	9.79	10.63	AVX-KYOCERA TAJA474K025R	470nF SMD 25V Capacitor, Case Size A
C425	9.79	9.69	AVX-KYOCERA TAJA474K025R	470nF SMD 25V Capacitor, Case Size A
C426	3.08	11.08	AVX-KYOCERA TAJA474K025R	470nF SMD 25V Capacitor, Case Size A
C427	3.48	11.16	AVX-KYOCERA TAJA474K025R	470nF SMD 25V Capacitor, Case Size A
C428	3.42	10.97	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
C429	4.46	8.54	AVX-KYOCERA TAJA474K025R	470nF SMD 25V Capacitor, Case Size A
C430	4.90	8.54	AVX-KYOCERA TAJA474K025R	470nF SMD 25V Capacitor, Case Size A

# PARTS LIST for: PC3216M

OM Job No:

Ref Des *-=Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
C431	4.79	8.26	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
C432	5.34	8.37	AVX-KYOCERA TAJA474K025R	470nF SMD 25V Capacitor, Case Size A
*C433	5.34	8.51	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C434	13.97	2.50	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C435	13.87	2.72	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C436	13.90	1.63	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C437	13.99	1.40	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
C438	2.94	11.45	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
*C439	4.09	13.62	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
*C440	4.08	12.59	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
*C441	4.08	12.06	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
C442	3.89	11.45	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
*C443	5.03	12.81	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
C444	4.96	11.49	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
C445	4.28	8.67	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
*C446	5.11	8.23	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
C447	2.16	5.21	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
C448	2.23	5.21	AVX-KYOCERA TAJA474K025R	470nF SMD 25V Capacitor, Case Size A
*C449	0.83	6.87	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C450	0.94	6.87	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C451	0.98	6.53	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C452	0.84	6.53	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
C453	3.06	13.65	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C454	0.77	6.87	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
C455	3.25	13.65	AVX-KYOCERA TAJA474K025R	470nF SMD 25V Capacitor, Case Size A
*C456	1.00	6.87	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
*C457	1.04	6.54	AVX-KYOCERA CM105X7R104K16VAT	100nF SMD Capacitor, 0603
C458	1.21	6.50	Flint CC1206CX5R475KTR	4.7uF X5R 16V Capacitor, 1206
*C459	1.22	6.53	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C460	1.24	6.87	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
*C461	1.36	6.53	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V

# PARTS LIST for: PC3216M

OM Job No:

Ref Des *-=Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
*C462	1.34	6.87	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V
C463	2.57	11.96	AVX-KYOCERA TPSA106K010R	10uF SMD 10V Capacitor,Low ESR, Case Size A
C464	2.57	11.81	AVX-KYOCERA TPSA106K010R	10uF SMD 10V Capacitor,Low ESR, Case Size A
C465	1.73	4.17	AVX-KYOCERA TPSA106K010R	10uF SMD 10V Capacitor,Low ESR, Case Size A
C466	4.68	9.05	AVX-KYOCERA TPSA106K010R	10uF SMD 10V Capacitor,Low ESR, Case Size A
C467	2.95	6.00	AVX-KYOCERA TPSA106K010R	10uF SMD 10V Capacitor,Low ESR, Case Size A
C468	1.73	1.18	AVX-KYOCERA TPSA106K010R	10uF SMD 10V Capacitor,Low ESR, Case Size A
C469	13.20	13.07	AVX-KYOCERA TPSA106K010R	10uF SMD 10V Capacitor,Low ESR, Case Size A
C470	6.90	10.72	AVX-KYOCERA TPSA106K010R	10uF SMD 10V Capacitor,Low ESR, Case Size A
C471	2.95	6.15	AVX-KYOCERA TPSA106K010R	10uF SMD 10V Capacitor,Low ESR, Case Size A
C472	13.38	3.25	AVX-KYOCERA TPSA106K010R	10uF SMD 10V Capacitor,Low ESR, Case Size A
C473	13.20	13.22	AVX-KYOCERA TPSA106K010R	10uF SMD 10V Capacitor,Low ESR, Case Size A
C474	13.38	3.10	AVX-KYOCERA TPSA106K010R	10uF SMD 10V Capacitor,Low ESR, Case Size A
D1	0.81	9.28	Farnell 368-106	1N4148PS, Small Signal Diode
D2	1.70	9.80	Farnell 368-106	1N4148PS, Small Signal Diode
DS1	0.30	13.72	Schroff 69004-287	Bi-Level Low Current Green/Green 3.2mm LED
DS2	0.30	13.50	Schroff 69004-287	Bi-Level Low Current Green/Green 3.2mm LED
DS3	0.30	13.28	Schroff 69004-127	Bi-Level Standard Red/Green 3.2mm LED
DS4	0.30	13.05	Schroff 69004-126	Bi-Level Standard Yellow/Yellow 3.2mm LED
DS5	0.30	12.82	Schroff 69004-124	Bi-Level Standard Red/Red 3.2mm LED
DS6	0.30	12.60	Schroff 69004-126	Bi-Level Standard Yellow/Yellow 3.2mm LED
DS7	0.30	12.38	Schroff 69004-124	Bi-Level Standard Red/Red 3.2mm LED
DS8	0.30	12.15	Schroff 69004-125	Bi-Level Standard Green/Green 3.2mm LED
DS9	0.30	11.93	Schroff 69004-125	Bi-Level Standard Green/Green 3.2mm LED
DS10	0.30	11.70	Schroff 69004-125	Bi-Level Standard Green/Green 3.2mm LED
DS11	0.30	11.35	Schroff 69004-124	Bi-Level Standard Red/Red 3.2mm LED
DS12	0.30	11.12	Schroff 69004-124	Bi-Level Standard Red/Red 3.2mm LED
DS13	0.30	10.90	Schroff 69004-124	Bi-Level Standard Red/Red 3.2mm LED
DS14	0.30	10.68	Schroff 69004-124	Bi-Level Standard Red/Red 3.2mm LED
DS15	0.30	10.45	Schroff 69004-124	Bi-Level Standard Red/Red 3.2mm LED
DS16	0.30	10.22	Schroff 69004-124	Bi-Level Standard Red/Red 3.2mm LED



# PARTS LIST for: PC3216M

OM Job No:

Ref Des *Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
DS17	0.30	10.00	Schroff 69004-124	Bi-Level Standard Red/Red 3.2mm LED
DS18	0.30	9.78	Schroff 69004-124	Bi-Level Standard Red/Red 3.2mm LED
DS19	2.56	5.32	Agilent Technologies HSMD-S660	Rt-Ang Surface Mount Orange LED
DS20	2.56	5.09	Agilent Technologies HSMD-S660	Rt-Ang Surface Mount Orange LED
DS21	6.97	9.71	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS22	7.12	8.14	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS23	7.22	8.14	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS24	7.33	8.14	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS25	7.42	8.14	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS26	7.53	8.14	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS27	7.62	8.14	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS28	7.72	8.14	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS29	7.83	8.14	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS30	9.70	12.47	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS31	9.85	13.42	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS32	9.95	13.42	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS33	10.05	13.42	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS34	10.15	13.42	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS35	10.25	13.42	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS36	10.35	13.42	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS37	10.45	13.42	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
DS38	10.55	13.42	HP HSMC-H690	Surface Mount Flip-Chip Red LED, Metric
FS1	12.26	5.63	Littelfuse 154010	10A SMD Fuse in Holder (Larger Footprint), Nano2 Series
FS2	14.65	10.38	Littelfuse 154005	5A SMD Fuse in Holder (Larger Footprint), Nano2 Series
FS3	14.65	10.03	Littelfuse 154010	10A SMD Fuse in Holder (Larger Footprint), Nano2 Series
FS4	14.65	9.68	Littelfuse 154005	5A SMD Fuse in Holder (Larger Footprint), Nano2 Series
FS5	14.65	9.31	Littelfuse 154005	5A SMD Fuse in Holder (Larger Footprint), Nano2 Series
FS6	12.71	8.69	Littelfuse 154005	5A SMD Fuse in Holder (Larger Footprint), Nano2 Series
J0	15.69	10.55	Harting 17250952102	95 Way HARBUS HM Shielded Rt-Angle Socket, Press fit

# PARTS LIST for: PC3216M

OM Job No:

Ref Des * = Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
J1	15.54	14.02	Harting 02011602101	160way Rt-Ang Plug Har-Bus 64 System
J2	15.54	8.77	Harting 02011602101	160way Rt-Ang Plug Har-Bus 64 System
J3	15.54	3.52	Harting 02011602101	160way Rt-Ang Plug Har-Bus 64 System
J4C	3.34	10.34	FCI 98414-S08-14U	2mm pitch 2x7 pin Vertical Shrouded Header, PTH
J4B	3.73	9.66	Molex 87331-1420	Molex Straight 2mm pitch 2x7 pin Header, PTH
J4A	4.21	9.87	Harwin M20-999 09 05	Harwin Straight 9 pin Header
LK1	0.59	2.35	Harwin M20-999 03 05	Harwin Straight 3 pin Header
LK2	1.25	3.42	Harwin M20-999 03 05	Harwin Straight 3 pin Header
LK3	1.25	2.90	Harwin M20-999 03 05	Harwin Straight 3 pin Header
LK4	1.28	2.38	Harwin M20-999 03 05	Harwin Straight 3 pin Header
LK5	1.40	3.42	Harwin M20-999 03 05	Harwin Straight 3 pin Header
LK6	1.40	2.90	Harwin M20-999 03 05	Harwin Straight 3 pin Header
LK7	1.43	5.12	Harwin M20-999 04 05	Harwin Straight 4 pin Header
LK72	12.75	3.25	Farnell 175-319	2 pin 0.4 inch pitch Jumper
LK73	2.57	12.12	Farnell 175-319	2 pin 0.4 inch pitch Jumper
LK74	2.77	3.13	Farnell 175-319	2 pin 0.4 inch pitch Jumper
LK75	7.69	7.78	Farnell 175-319	2 pin 0.4 inch pitch Jumper
LK76	12.71	12.17	Farnell 175-319	2 pin 0.4 inch pitch Jumper
LK91	0.71	2.35	Harwin M20-999 03 05	Harwin Straight 3 pin Header
PL1	0.45	0.97	3M 3408-D303	32-Pin Condo double-header, PCB RT-ANG
PL2	1.13	0.94	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL7	1.13	0.80	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL16	1.13	0.66	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL25	1.13	0.52	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL30	1.13	2.02	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL31	1.13	1.89	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL32	1.13	1.75	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL41	1.41	1.78	Harwin M20-999 03 05	Harwin Straight 3 pin Header
PL50	1.56	1.99	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL51	1.56	1.89	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL52	1.56	1.78	Harwin M20-999 02 05	Harwin Straight 2 pin Header

# PARTS LIST for: PC3216M

OM Job No:

Ref Des * = Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
PL73	2.10	13.80	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL74	2.08	10.43	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL75	2.10	5.70	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL76	2.10	1.30	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL117	5.11	8.52	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL118	5.24	9.77	Harwin M20-999 03 05	Harwin Straight 3 pin Header
PL119	6.46	10.23	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL120	6.30	13.80	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL121	6.74	10.45	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL122	6.08	8.86	Harwin M20-999 03 05	Harwin Straight 3 pin Header
PL123	7.01	10.23	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL124	7.12	8.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL125	7.22	8.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL126	7.33	8.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL127	7.42	8.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL128	7.53	8.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL129	7.62	8.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL130	7.72	8.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL131	7.83	8.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL132	7.92	8.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL133	8.03	8.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL134	8.12	8.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL135	8.22	8.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL136	8.32	8.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL137	8.43	8.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL138	8.53	8.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL139	8.54	11.63	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL140	8.62	8.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL141	9.64	11.63	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL142	9.70	13.80	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL143	9.85	13.14	Harwin M20-999 02 05	Harwin Straight 2 pin Header

# PARTS LIST for: PC3216M

OM Job No:

Ref Des *-=Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
PL144	9.95	13.14	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL145	10.00	10.20	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL146	10.05	13.14	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL147	10.15	13.14	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL148	10.25	13.14	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL149	10.35	13.14	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL150	10.45	13.14	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL151	10.55	13.14	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL152	10.65	13.14	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL153	10.75	13.14	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL154	10.87	13.56	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL155	10.85	13.14	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL156	10.95	13.14	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL157	11.05	13.14	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL158	11.09	7.35	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL159	11.15	13.14	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL160	11.20	13.55	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL161	11.25	13.14	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL162	11.35	13.14	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL163	11.43	10.53	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL164	13.44	13.68	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL165	13.00	1.30	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL166	12.91	2.90	Harwin M20-999 03 05	Harwin Straight 3 pin Header
PL167	13.11	2.65	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL168	13.11	2.54	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL169	13.20	10.20	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL170	13.15	2.13	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL171	13.70	7.20	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL172	14.42	0.70	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL173	14.42	0.30	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL174	14.50	4.30	Harwin M20-999 20 05	Harwin Straight 1 pin Header

# PARTS LIST for: PC3216M

OM Job No:

Ref Des * = Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
PL175	14.65	2.25	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL176	14.75	2.12	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL177	14.65	1.98	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL178	14.65	1.57	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL179	15.04	12.87	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL180	10.76	10.97	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL181	10.86	10.97	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL182	10.96	10.97	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL183	8.43	8.68	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL184	8.53	8.68	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL185	8.62	8.68	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL186	4.53	6.20	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL187	4.53	6.10	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL188	4.53	6.00	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL189	4.53	5.90	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL190	4.53	5.80	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL191	4.53	5.70	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL192	4.53	5.60	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL193	4.53	5.50	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL194	4.53	5.40	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL195	4.53	5.30	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL196	4.53	5.20	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL197	4.53	5.10	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL198	4.53	5.00	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL199	4.53	4.90	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL200	4.53	4.80	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL201	4.53	4.70	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL202	8.90	9.86	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL203	8.90	10.00	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL204	13.85	2.13	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL205	3.60	7.75	Harwin M20-999 20 05	Harwin Straight 1 pin Header

## PARTS LIST for: PC3216M

OM Job No:

Ref Des *= <u>Underside</u>	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
PL206	4.70	9.80	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL207	5.35	7.75	Harwin M20-999 20 05	Harwin Straight 1 pin Header
R1	0.45	13.82	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R2	0.45	13.72	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R3	0.45	13.60	Farnell 613-034	330R SMD Resistor, 0.1W, 0805
R4	0.45	13.50	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805
R5	0.45	13.38	Farnell 613-071	680R SMD Resistor, 0.1W, 0805
R6	0.45	13.28	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R7	0.45	13.15	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R8	0.45	13.05	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R9	0.45	12.93	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R10	0.45	12.82	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R11	0.45	12.70	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R12	0.45	12.60	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R13	0.45	12.47	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R14	0.45	12.38	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R15	0.45	12.25	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R16	0.45	12.15	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R17	0.45	12.03	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R18	0.45	11.93	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R19	0.45	11.80	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R20	0.45	11.70	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R21	0.45	11.45	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R22	0.45	11.35	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R23	0.45	11.22	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R24	0.45	11.12	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R25	0.45	11.00	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R26	0.45	10.90	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R27	0.45	10.78	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R28	0.45	10.68	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R29	0.45	10.55	Farnell 613-058	470R SMD Resistor, 0.1W, 0805

# PARTS LIST for: PC3216M

OM Job No:

Ref Des * = Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
R30	0.45	10.45	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R31	0.45	10.32	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R32	0.45	10.22	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R33	0.45	10.10	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R34	0.45	10.00	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R35	0.45	9.88	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R36	0.45	9.78	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R37	0.56	6.43	Farnell 911-082	56R SMD Resistor, 0.063W, 0603
R38	0.56	6.21	Farnell 911-082	56R SMD Resistor, 0.063W, 0603
R39	0.56	5.99	Farnell 911-082	56R SMD Resistor, 0.063W, 0603
R40	0.56	5.76	Farnell 911-082	56R SMD Resistor, 0.063W, 0603
R41	0.56	5.45	Farnell 911-082	56R SMD Resistor, 0.063W, 0603
R42	0.56	5.09	Farnell 911-082	56R SMD Resistor, 0.063W, 0603
R43	0.56	4.75	Farnell 911-082	56R SMD Resistor, 0.063W, 0603
R44	0.67	9.68	Rohm MCR03EZHZ102	1K0 SMD Resistor, 0.1W, 0603
R45	0.67	9.57	Rohm MCR03EZHZ101	100R SMD Resistor, 0.1W, 0603
R46	0.68	3.59	Rohm MCR03EZHZ102	1K0 SMD Resistor, 0.1W, 0603
R47	0.68	3.06	Rohm MCR03EZHZ102	1K0 SMD Resistor, 0.1W, 0603
R48	0.78	5.22	Farnell 911-197	470R SMD Resistor, 0.063W, 0603
R49	0.80	6.34	Farnell 911-082	56R SMD Resistor, 0.063W, 0603
R50	0.91	3.77	Rohm MCR03EZHZ102	1K0 SMD Resistor, 0.1W, 0603
R51	0.91	3.25	Rohm MCR03EZHZ102	1K0 SMD Resistor, 0.1W, 0603
R52	0.97	2.73	Rohm MCR03EZHZ102	1K0 SMD Resistor, 0.1W, 0603
R53	0.96	5.53	Farnell 911-197	470R SMD Resistor, 0.063W, 0603
R54	1.09	5.75	Farnell 911-197	470R SMD Resistor, 0.063W, 0603
R55	1.20	5.04	Farnell 911-197	470R SMD Resistor, 0.063W, 0603
R56	1.31	6.11	Farnell 911-197	470R SMD Resistor, 0.063W, 0603
R57	1.27	5.41	Farnell 911-197	470R SMD Resistor, 0.063W, 0603
R58	1.54	5.17	Rohm MCR03EZHZ472	4K7 SMD Resistor, 0.1W, 0603
R59	2.71	5.33	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R60	2.71	5.09	Farnell 613-058	470R SMD Resistor, 0.1W, 0805

# PARTS LIST for: PC3216M

OM Job No:

Ref Des *= <small>Underside</small>	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
R61	2.94	5.60	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
R62	2.94	4.82	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
R63	3.29	11.30	Rohm MCR03EZHZ472	4K7 SMD Resistor, 0.1W, 0603
R64	3.35	10.97	Rohm MCR03EZHZ472	4K7 SMD Resistor, 0.1W, 0603
R65	5.60	8.56	Farnell 613-022	270R SMD Resistor, 0.1W, 0805
R66	5.60	8.47	Farnell 613-022	270R SMD Resistor, 0.1W, 0805
R67	4.67	8.58	Rohm MCR03EZHZ472	4K7 SMD Resistor, 0.1W, 0603
R68	4.73	8.26	Rohm MCR03EZHZ472	4K7 SMD Resistor, 0.1W, 0603
R69	6.33	10.10	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R70	6.33	10.00	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R71	6.33	9.90	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R72	6.50	10.10	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R73	6.97	10.10	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R74	6.97	10.01	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R75	6.97	9.91	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R76	6.97	9.63	Rohm MCR03EZHZ221	220R SMD Resistor, 0.1W, 0603
R77	7.14	10.10	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R78	8.51	11.50	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R79	8.51	11.40	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R80	8.51	11.31	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R81	8.68	11.50	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R82	8.93	13.29	Farnell 772-239	0R0 SMD Resistor, 0.1W, 0805
R83	8.93	12.99	Farnell 772-239	0R0 SMD Resistor, 0.1W, 0805
R84	9.48	12.89	Farnell 772-239	0R0 SMD Resistor, 0.1W, 0805
R85	9.61	11.50	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R86	9.61	11.40	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R87	9.61	11.31	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R88	9.70	12.39	Rohm MCR03EZHZ221	220R SMD Resistor, 0.1W, 0603
R89	9.78	11.50	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R90	10.37	8.36	Farnell 772-239	0R0 SMD Resistor, 0.1W, 0805
R91	10.37	8.46	Farnell 772-239	0R0 SMD Resistor, 0.1W, 0805



## PARTS LIST for: PC3216M

OM Job No:

Ref Des *-=Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
R92	10.37	8.56	Farnell 772-239	0R0 SMD Resistor, 0.1W, 0805
R93	10.37	8.66	Farnell 772-239	0R0 SMD Resistor, 0.1W, 0805
R94	10.37	8.76	Farnell 772-239	0R0 SMD Resistor, 0.1W, 0805
R95	10.37	8.86	Farnell 772-239	0R0 SMD Resistor, 0.1W, 0805
R96	10.37	8.96	Farnell 772-239	0R0 SMD Resistor, 0.1W, 0805
R97	10.37	9.06	Farnell 772-239	0R0 SMD Resistor, 0.1W, 0805
R98	10.89	13.66	Farnell 613-174	4.7K SMD Resistor, 0.1W, 0805
R99	11.33	13.65	Farnell 613-174	4.7K SMD Resistor, 0.1W, 0805
R100	11.48	10.64	Rohm MCR03EZHZ472	4K7 SMD Resistor, 0.1W, 0603
R101	12.12	9.04	Farnell 613-216	10K SMD Resistor, 0.1W, 0805
*R102	12.33	9.01	Farnell 613-216	10K SMD Resistor, 0.1W, 0805
R103	12.69	5.72	Farnell 347-681	100K, 3266W Variable Resistor, 0.25W
R104	12.99	1.92	Farnell 613-174	4.7K SMD Resistor, 0.1W, 0805
R105	12.99	1.75	Farnell 613-174	4.7K SMD Resistor, 0.1W, 0805
R106	13.11	2.40	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805
R107	13.15	2.75	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R108	13.20	2.24	Farnell 613-174	4.7K SMD Resistor, 0.1W, 0805
R109	13.59	2.26	Farnell 613-022	270R SMD Resistor, 0.1W, 0805
R110	13.64	1.57	Farnell 612-972	100R SMD Resistor, 0.1W, 0805
*R111	13.85	0.36	Farnell 613-174	4.7K SMD Resistor, 0.1W, 0805
R112	14.65	1.77	Rohm MCR03EZHZ101	100R SMD Resistor, 0.1W, 0603
*R113	0.10	13.31	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
*R114	0.57	1.86	Farnell 612-388	150R SMD Resistor, 0.063W, 0603
*R115	0.57	1.78	Farnell 911-150	220R SMD Resistor, 0.063W, 0603
*R116	0.82	2.54	Rohm MCR03EZHZ102	1K0 SMD Resistor, 0.1W, 0603
*R117	0.77	1.65	Rohm MCR03EZPF101	100R SMD Resistor, 0.063W, 0603
*R118	0.77	1.44	Rohm MCR03EZPF101	100R SMD Resistor, 0.063W, 0603
*R119	0.77	1.21	Rohm MCR03EZPF101	100R SMD Resistor, 0.063W, 0603
*R120	0.77	1.00	Rohm MCR03EZPF101	100R SMD Resistor, 0.063W, 0603
*R121	0.79	3.37	Rohm MCR03EZHZ102	1K0 SMD Resistor, 0.1W, 0603
*R122	0.79	2.84	Rohm MCR03EZHZ102	1K0 SMD Resistor, 0.1W, 0603

# PARTS LIST for: PC3216M

OM Job No:

Ref Des *-=Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
*R123	0.85	2.32	Rohm MCR03EZHJ102	1K0 SMD Resistor, 0.1W, 0603
*R124	0.80	13.32	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R125	0.83	13.60	Rohm MCR03EZHJ472	4K7 SMD Resistor, 0.1W, 0603
*R126	0.84	13.13	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R127	0.84	12.91	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R128	0.84	12.67	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R129	0.84	12.44	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R130	0.84	12.21	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R131	0.84	11.97	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R132	0.84	11.74	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R133	0.84	11.51	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R134	0.84	11.28	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R135	0.84	11.04	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R136	0.84	10.81	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R137	0.84	10.57	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R138	0.84	10.35	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R139	0.84	10.11	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R140	0.86	5.94	Farnell 911-197	470R SMD Resistor, 0.063W, 0603
*R141	0.88	13.32	Rohm MCR03EZHJ102	1K0 SMD Resistor, 0.1W, 0603
*R142	0.96	6.17	Farnell 911-197	470R SMD Resistor, 0.063W, 0603
*R143	1.04	1.68	Rohm MCR03EZPF101	100R SMD Resistor, 0.063W, 0603
*R144	1.04	1.41	Rohm MCR03EZPF101	100R SMD Resistor, 0.063W, 0603
*R145	1.04	1.24	Rohm MCR03EZPF101	100R SMD Resistor, 0.063W, 0603
*R146	1.04	0.96	Rohm MCR03EZPF101	100R SMD Resistor, 0.063W, 0603
*R147	1.09	4.46	Farnell 911-197	470R SMD Resistor, 0.063W, 0603
*R148	1.19	4.29	Farnell 911-197	470R SMD Resistor, 0.063W, 0603
*R149	1.28	9.48	Rohm MCR03EZHJ103	10K SMD Resistor, 0.1W, 0603
*R150	1.32	13.40	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R151	1.32	13.16	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R152	1.32	12.94	Rohm MCR03EZHJ472	4K7 SMD Resistor, 0.1W, 0603
*R153	1.32	12.71	Rohm MCR03EZHJ472	4K7 SMD Resistor, 0.1W, 0603

# PARTS LIST for: PC3216M

OM Job No:

Ref Des *_=Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
*R154	1.32	12.47	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R155	1.32	12.24	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R156	1.32	12.01	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R157	1.32	11.78	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R158	1.32	11.54	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R159	1.32	11.31	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R160	1.32	11.08	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R161	1.32	10.84	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R162	1.32	10.62	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R163	1.32	10.38	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R164	1.32	10.15	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R165	1.32	9.93	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R166	1.64	9.56	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
*R167	1.74	6.50	Farnell 613-216	10K SMD Resistor, 0.1W, 0805
*R168	1.83	6.89	Farnell 613-216	10K SMD Resistor, 0.1W, 0805
*R169	1.83	6.50	Farnell 613-216	10K SMD Resistor, 0.1W, 0805
*R170	1.94	6.89	Farnell 613-216	10K SMD Resistor, 0.1W, 0805
*R171	1.94	6.50	Rohm MCR03EZHZJ103	10K SMD Resistor, 0.1W, 0603
*R172	1.96	9.35	Rohm MCR03EZHZJ101	100R SMD Resistor, 0.1W, 0603
*R173	10.07	11.99	Farnell 772-239	0R0 SMD Resistor, 0.1W, 0805
*R174	6.15	9.18	Rohm MCR03EZHZJ472	4K7 SMD Resistor, 0.1W, 0603
*R175	6.25	9.09	Rohm MCR03EZHZJ472	4K7 SMD Resistor, 0.1W, 0603
*R176	6.36	9.23	Rohm MCR03EZHZJ332	3K3 SMD Resistor, 0.1W, 0603
*R177	7.38	9.13	Farnell 195-030	1K0 SMD Resistor, 0.063W, 0402
*R178	7.38	9.06	Farnell 195-110	4K7 SMD Resistor, 0.063W, 0402
*R179	7.38	9.00	Farnell 195-030	1K0 SMD Resistor, 0.063W, 0402
*R180	8.11	10.84	Rohm MCR03EZHZJ472	4K7 SMD Resistor, 0.1W, 0603
*R181	8.90	11.93	Rohm MCR03EZHZJ472	4K7 SMD Resistor, 0.1W, 0603
*R182	8.99	11.83	Rohm MCR03EZHZJ472	4K7 SMD Resistor, 0.1W, 0603
R183	8.86	9.78	Rohm MCR03EZHZJ472	4K7 SMD Resistor, 0.1W, 0603
*R184	9.11	11.98	Rohm MCR03EZHZJ332	3K3 SMD Resistor, 0.1W, 0603

# PARTS LIST for: PC3216M

OM Job No:

Ref Des *-=Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
*R185	10.07	12.21	Farnell 612-388	150R SMD Resistor, 0.063W, 0603
*R186	10.07	12.12	Rohm MCR03EZHZJ221	220R SMD Resistor, 0.1W, 0603
*R187	11.13	12.12	Farnell 612-388	150R SMD Resistor, 0.063W, 0603
*R188	11.13	12.21	Rohm MCR03EZHZJ221	220R SMD Resistor, 0.1W, 0603
*R189	7.36	9.55	Farnell 612-388	150R SMD Resistor, 0.063W, 0603
*R190	7.36	9.46	Rohm MCR03EZHZJ221	220R SMD Resistor, 0.1W, 0603
*R191	7.39	9.32	Farnell 612-388	150R SMD Resistor, 0.063W, 0603
*R192	7.29	9.32	Rohm MCR03EZHZJ221	220R SMD Resistor, 0.1W, 0603
*R193	8.38	9.55	Farnell 612-388	150R SMD Resistor, 0.063W, 0603
*R194	8.38	9.62	Rohm MCR03EZHZJ221	220R SMD Resistor, 0.1W, 0603
*R195	1.09	13.71	Farnell 612-388	150R SMD Resistor, 0.063W, 0603
*R196	1.09	13.79	Rohm MCR03EZHZJ221	220R SMD Resistor, 0.1W, 0603
*R197	1.94	5.21	Farnell 911-161	270R SMD Resistor, 0.063W, 0603
*R198	1.86	5.21	Rohm MCR03EZHZJ181	180R SMD Resistor, 0.1W, 0603
*R199	2.02	5.33	Farnell 911-161	270R SMD Resistor, 0.063W, 0603
*R200	2.02	5.40	Rohm MCR03EZHZJ181	180R SMD Resistor, 0.1W, 0603
*R201	1.81	5.33	Farnell 911-161	270R SMD Resistor, 0.063W, 0603
*R202	1.81	5.40	Rohm MCR03EZHZJ181	180R SMD Resistor, 0.1W, 0603
*R203	14.42	0.55	Farnell 612-388	150R SMD Resistor, 0.063W, 0603
*R204	14.42	0.63	Rohm MCR03EZHZJ221	220R SMD Resistor, 0.1W, 0603
*R205	14.84	12.55	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R206	14.84	12.25	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R207	13.72	11.12	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R208	13.78	11.32	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R209	2.63	11.40	Farnell 612-388	150R SMD Resistor, 0.063W, 0603
*R210	2.71	11.40	Rohm MCR03EZHZJ221	220R SMD Resistor, 0.1W, 0603
*R211	4.02	13.94	Farnell 612-388	150R SMD Resistor, 0.063W, 0603
*R212	3.88	13.94	Rohm MCR03EZHZJ221	220R SMD Resistor, 0.1W, 0603
*R213	1.50	12.77	Farnell 612-388	150R SMD Resistor, 0.063W, 0603
*R214	1.98	12.74	Farnell 612-388	150R SMD Resistor, 0.063W, 0603
*R215	1.50	12.87	Rohm MCR03EZHZJ221	220R SMD Resistor, 0.1W, 0603

# PARTS LIST for: PC3216M

OM Job No:

Ref Des *-=Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
*R216	1.98	12.81	Rohm MCR03EZHZ221	220R SMD Resistor, 0.1W, 0603
R217	10.63	11.07	Farnell 911-318	4K7 SMD Resistor, 0.063W, 0603
R218	10.63	10.97	Farnell 911-318	4K7 SMD Resistor, 0.063W, 0603
R219	11.05	11.04	Farnell 911-318	4K7 SMD Resistor, 0.063W, 0603
R220	3.19	7.37	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R221	3.19	7.45	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R222	8.32	8.74	Farnell 911-318	4K7 SMD Resistor, 0.063W, 0603
R223	8.53	8.58	Farnell 911-318	4K7 SMD Resistor, 0.063W, 0603
R224	8.72	8.74	Farnell 911-318	4K7 SMD Resistor, 0.063W, 0603
*R225	7.46	9.39	Farnell 194-918	100R SMD Resistor, 0.063W, 0402,5%
R226	5.04	9.20	Rohm MCR03EZHZ472	4K7 SMD Resistor, 0.1W, 0603
R227	4.97	9.20	Rohm MCR03EZHZ220	22R SMD Resistor, 0.063W, 0603
R228	8.99	11.71	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R229	8.78	11.90	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
*R230	6.15	9.09	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
*R231	6.03	9.18	Farnell 772-227	0R0 SMD Resistor, 0.063W, 0603
R232	1.88	9.80	Rohm MCR03EZHZ103	10K SMD Resistor, 0.1W, 0603
R233	8.86	10.09	Rohm MCR03EZHZ472	4K7 SMD Resistor, 0.1W, 0603
*R234	3.56	11.24	Rohm MCR03EZHZ472	4K7 SMD Resistor, 0.1W, 0603
R235	2.41	10.23	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
R236	7.22	11.53	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R237	8.94	10.27	Rohm MCR03EZHZ472	4K7 SMD Resistor, 0.1W, 0603
R238	0.72	9.21	Farnell 911-033	22R SMD Resistor, 0.063W, 0603
R239	14.71	14.24	Farnell 613-459	1M0 SMD Resistor, 0.1W, 0805
R240	14.86	14.24	Farnell 613-459	1M0 SMD Resistor, 0.1W, 0805
R241	14.76	0.20	Farnell 613-459	1M0 SMD Resistor, 0.1W, 0805
R242	14.90	0.20	Farnell 613-459	1M0 SMD Resistor, 0.1W, 0805
R243	3.10	7.41	Farnell 360-3209	100R SMD Resistor, 0.063W, 0402
R244	3.48	10.97	Farnell 911-057	33R SMD Resistor, 0.063W, 0603
R245	3.46	11.31	Farnell 911-057	33R SMD Resistor, 0.063W, 0603
R246	3.26	10.98	Farnell 911-057	33R SMD Resistor, 0.063W, 0603

# PARTS LIST for: PC3216M

OM Job No:

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	X	Y		
R247	4.89	8.46	Farnell 911-057	33R SMD Resistor, 0.063W, 0603
R248	4.89	8.40	Farnell 911-057	33R SMD Resistor, 0.063W, 0603
R249	4.63	8.28	Farnell 911-057	33R SMD Resistor, 0.063W, 0603
*R250	13.60	2.19	Farnell 612-388	150R SMD Resistor, 0.063W, 0603
*R251	13.60	2.06	Farnell 911-150	220R SMD Resistor, 0.063W, 0603
*R252	9.04	10.48	Farnell 772-239	0R0 SMD Resistor, 0.1W, 0805
*R253	9.04	10.38	Farnell 772-239	0R0 SMD Resistor, 0.1W, 0805
*R254	13.72	11.43	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R255	13.78	11.03	Rohm MCR03EZHZ103	10K SMD Resistor, 0.1W, 0603
*R256	4.87	10.38	Farnell 612-388	150R SMD Resistor, 0.063W, 0603
*R257	4.87	10.44	Rohm MCR03EZHZ221	220R SMD Resistor, 0.1W, 0603
R258	4.43	8.34	Farnell 612-388	150R SMD Resistor, 0.063W, 0603
R259	4.49	8.34	Rohm MCR03EZHZ221	220R SMD Resistor, 0.1W, 0603
*R260	3.19	7.25	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R261	2.83	7.95	Farnell 911-434	47K SMD Resistor, 0.063W, 0603
*R262	4.66	8.51	Farnell 612-388	150R SMD Resistor, 0.063W, 0603
*R263	4.66	8.37	Rohm MCR03EZHZ221	220R SMD Resistor, 0.1W, 0603
RN1	7.28	8.02	Farnell 776-660	220R, ARC241, 4-isolated Resistors, 0.062W
RN2	7.67	8.02	Farnell 776-660	220R, ARC241, 4-isolated Resistors, 0.062W
RN3	13.86	3.03	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN4	13.88	1.94	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN5	13.89	2.32	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN6	13.91	1.24	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN7	14.06	3.03	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN8	14.08	1.94	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN9	14.09	2.32	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN10	14.11	1.24	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN11	14.32	2.79	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN12	14.32	2.59	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN13	14.35	1.70	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN14	14.35	1.50	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W

# PARTS LIST for: PC3216M

OM Job No:

Ref Des * = Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
RN15	14.43	3.80	Farnell 776-762	10K, ARC241, 4-isolated Resistors, 0.062W
RN16	14.43	3.65	Farnell 776-762	10K, ARC241, 4-isolated Resistors, 0.062W
RN17	14.43	3.50	Farnell 776-762	10K, ARC241, 4-isolated Resistors, 0.062W
RN18	14.43	3.35	Farnell 776-762	10K, ARC241, 4-isolated Resistors, 0.062W
*RN19	0.76	2.00	Farnell 776-683	470R, ARC241, 4-isolated Resistors, 0.062W
*RN20	0.76	0.68	Farnell 776-683	470R, ARC241, 4-isolated Resistors, 0.062W
*RN21	0.84	2.00	Farnell 776-683	470R, ARC241, 4-isolated Resistors, 0.062W
*RN22	0.85	0.68	Farnell 776-683	470R, ARC241, 4-isolated Resistors, 0.062W
*RN23	1.69	3.27	Farnell 307-0165	390R, ARC241, 4-isolated Resistors, 0.062W
*RN24	1.69	2.74	Farnell 307-0165	390R, ARC241, 4-isolated Resistors, 0.062W
*RN25	1.73	11.85	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN26	1.73	11.32	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN27	1.73	10.79	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN28	1.75	12.38	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN29	1.77	3.27	Farnell 307-0165	390R, ARC241, 4-isolated Resistors, 0.062W
*RN30	4.61	9.41	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN31	4.76	9.34	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN32	4.78	12.27	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN33	4.78	12.11	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN34	4.58	13.73	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN35	4.74	13.73	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN36	6.46	12.93	Farnell 776-701	1K, ARC241, 4-isolated Resistors, 0.062W
*RN37	6.46	12.77	Farnell 776-701	1K, ARC241, 4-isolated Resistors, 0.062W
*RN38	6.46	11.60	Farnell 776-701	1K, ARC241, 4-isolated Resistors, 0.062W
*RN39	6.46	11.44	Farnell 776-701	1K, ARC241, 4-isolated Resistors, 0.062W
*RN40	9.05	9.53	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN41	9.99	13.55	Farnell 776-660	220R, ARC241, 4-isolated Resistors, 0.062W
*RN42	10.19	8.91	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN43	10.19	8.51	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN44	10.40	13.55	Farnell 776-660	220R, ARC241, 4-isolated Resistors, 0.062W
*RN45	13.47	12.46	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W

# PARTS LIST for: PC3216M

OM Job No:

Ref Des *-=Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
*RN46	13.47	12.12	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN47	13.97	0.20	Farnell 776-658	150R, ARC241, 4-isolated Resistors, 0.062W
*RN48	13.97	0.34	Farnell 776-660	220R, ARC241, 4-isolated Resistors, 0.062W
*RN49	14.18	0.20	Farnell 776-658	150R, ARC241, 4-isolated Resistors, 0.062W
*RN50	14.18	0.34	Farnell 776-660	220R, ARC241, 4-isolated Resistors, 0.062W
RN51	13.45	11.12	Farnell 776-804	47K, ARC241, 4-isolated Resistors, 0.062W
*RN52	12.96	11.13	Farnell 776-804	47K, ARC241, 4-isolated Resistors, 0.062W
SK1	0.30	8.96	Lemo EPG.0B.302.HLN	Lemo Socket, 2 Female PCB Mount
SK2	0.27	7.20	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK3	0.35	6.85	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK4	0.35	6.50	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK5	0.35	6.15	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK6	0.35	5.80	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK7	0.35	5.45	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK8	0.35	5.10	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK9	0.35	4.75	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK10	0.35	3.85	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK11	0.35	3.50	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK12	0.35	3.15	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK13	0.35	2.80	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK14	0.35	2.45	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK15	0.55	4.35	Lemo EPG.0B.302.HLN	Lemo Socket, 2 Female PCB Mount
SW1	0.33	9.56	RS 664-389	SPST Right-Angle Momentary Switch
SW2	0.48	9.31	RS 664-389	SPST Right-Angle Momentary Switch
SW3	1.83	12.38	Farnell 146-199	Sealed PCB Mount Vert Rotary Hex Switch
SW4	1.83	11.85	Farnell 146-199	Sealed PCB Mount Vert Rotary Hex Switch
SW5	1.83	11.32	Farnell 146-199	Sealed PCB Mount Vert Rotary Hex Switch
SW6	1.83	10.79	Farnell 146-199	Sealed PCB Mount Vert Rotary Hex Switch
SW7	4.80	12.18	Thomas & Betts GDH06S	6way SMD Half Pitch Switch
SW8	4.64	13.74	Thomas & Betts GDH06S	6way SMD Half Pitch Switch
SW9	6.46	12.85	Thomas & Betts GDH06S	6way SMD Half Pitch Switch



# PARTS LIST for: PC3216M

OM Job No:

Ref Des *= <small>Underside</small>	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
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SW10	6.46	11.52	Thomas & Betts GDH06S	6way SMD Half Pitch Switch
SW11	9.04	9.39	Farnell 146-199	Sealed PCB Mount Vert Rotary Hex Switch
SW12	0.28	7.51	ITT Cannon KSS221G	Subminiature side-activated rt-ang SPST (NO) Momentary Switch
TP1	9.01	12.67	Vero 20-2137D	Black 1.02mm Test Point
TP2	6.13	9.80	Vero 20-2137D	Black 1.02mm Test Point
TP3	5.20	10.74	Vero 20-2137D	Black 1.02mm Test Point
TP4	5.20	10.31	Vero 20-2137D	Black 1.02mm Test Point
TP5	5.20	10.41	Vero 20-2137D	Black 1.02mm Test Point
TR1	0.66	6.49	Farnell 358-010	General Purpose Switching NPN Transistor
TR2	0.66	6.26	Farnell 358-010	General Purpose Switching NPN Transistor
TR3	0.66	6.04	Farnell 358-010	General Purpose Switching NPN Transistor
TR4	0.66	5.82	Farnell 358-010	General Purpose Switching NPN Transistor
TR5	0.66	5.50	Farnell 358-010	General Purpose Switching NPN Transistor
TR6	0.66	5.14	Farnell 358-010	General Purpose Switching NPN Transistor
TR7	0.66	4.80	Farnell 358-010	General Purpose Switching NPN Transistor
TR8	0.90	6.39	Farnell 358-010	General Purpose Switching NPN Transistor
U1	0.81	1.99	Motorola MC10H124FN	Quad TTL to ECL Translator
U2	0.81	1.54	Motorola MC10H125FN	Quad ECL to TTL Translator
U3	0.81	1.10	Motorola MC10H125FN	Quad ECL to TTL Translator
U4	0.81	0.67	Motorola MC10H124FN	Quad TTL to ECL Translator
U5	0.83	13.50	TI SN74LS123D	SMD Dual Monostable
U6	0.84	12.98	TI SN74LS123D	SMD Dual Monostable
U7	0.84	12.52	TI SN74LS123D	SMD Dual Monostable
U8	0.84	12.06	TI SN74LS123D	SMD Dual Monostable
U9	0.84	11.60	TI SN74LS123D	SMD Dual Monostable
U10	0.84	11.13	TI SN74LS123D	SMD Dual Monostable
U11	0.84	10.66	TI SN74LS123D	SMD Dual Monostable
U12	0.84	10.20	TI SN74LS123D	SMD Dual Monostable
U13	0.93	3.52	Motorola MC10192FN	Quad Bus Driver
U14	0.93	3.00	Motorola MC10192FN	Quad Bus Driver

# PARTS LIST for: PC3216M

OM Job No:

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	X	Y		
U15	0.98	2.48	Motorola MC10192FN	Quad Bus Driver
U16	1.02	6.00	Motorola MC10H125FN	Quad ECL to TTL Translator
U17	1.02	5.28	Motorola MC10H125FN	Quad ECL to TTL Translator
U18	1.02	4.30	Motorola MC10H124FN	Quad TTL to ECL Translator
U19	1.28	9.48	Philips N74F14D	SMD Hex Schmitt-Trigger Inverters
U20	1.32	13.70	Philips N74F74D	SMD Dual D-Type Positive-Edge Trigger Flip-Flops
U21	1.32	13.26	TI SN74LS123D	SMD Dual Monostable
U22	1.32	12.79	TI SN74LS123D	SMD Dual Monostable
U23	1.32	12.32	TI SN74LS123D	SMD Dual Monostable
U24	1.32	11.86	TI SN74LS123D	SMD Dual Monostable
U25	1.32	11.39	TI SN74LS123D	SMD Dual Monostable
U26	1.32	10.93	TI SN74LS123D	SMD Dual Monostable
U27	1.32	10.47	TI SN74LS123D	SMD Dual Monostable
U28	1.32	10.01	TI SN74LS123D	SMD Dual Monostable
U29	1.64	9.48	TI SN74LS123D	SMD Dual Monostable
U30	1.73	12.78	Philips N74F74D	SMD Dual D-Type Positive-Edge Trigger Flip-Flops
U31	1.73	3.27	Motorola MC10H124FN	Quad TTL to ECL Translator
U32	1.73	2.73	Motorola MC10H124FN	Quad TTL to ECL Translator
U33	1.94	5.21	Philips N74F27D	Triple 3-Input NOR Gate, SOIC
U34	2.19	9.48	Motorola MC10H125FN	Quad ECL to TTL Translator
U35	2.78	13.27	ECM GBS-204-80.15733-A	80.15733 MHz Crystal Clock Oscillator
U36	2.81	11.14	Philips 74ABT541D	SMD Octal Buffer, 3-state
U37	2.94	5.21	TI SN74LS123D	SMD Dual Monostable
U38	3.29	11.14	ICS ICS581G-02	Zero-Delay Glitch Free Clock Multiplexer
U39	3.29	13.47	Philips 74ABT04D	SMD Hex Invertors
U40	3.29	13.11	Philips N74ABT74D	Dual D-Type Flip-Flop
U41	3.70	13.11	Philips N74ABT74D	Dual D-Type Flip-Flop
U42	3.77	13.70	Philips 74ABT541D	SMD Octal Buffer, 3-state
U43	3.76	12.66	Philips 74ABT541D	SMD Octal Buffer, 3-state
U44	3.76	12.14	Philips 74ABT541D	SMD Octal Buffer, 3-state

# PARTS LIST for: PC3216M

OM Job No:

Ref Des *-=Underside	Comp Posn (Origin)		Manufacturer & Part No or Supplier's Name & Part No	Part Description
	X	Y		
U45	3.76	11.14	Philips 74ABT541D	SMD Octal Buffer, 3-state
U46	4.67	13.24	Data Delay Devices PDU-16F-.5A4	6 Bit Programmable Delay Unit, TTL 0.5nS Steps, Gull-Wing
U47	4.31	12.19	Data Delay Devices PDU-16F-.5A4	6 Bit Programmable Delay Unit, TTL 0.5nS Steps, Gull-Wing
U48	4.31	10.87	Data Delay Devices PDU-16F-.5A4	6 Bit Programmable Delay Unit, TTL 0.5nS Steps, Gull-Wing
U49	4.68	9.38	Philips 74LVT244AD	3-State Low Voltage Octal Buffer
U50	4.83	12.69	Philips 74ABT541D	SMD Octal Buffer, 3-state
U51	4.83	11.19	Philips 74ABT541D	SMD Octal Buffer, 3-state
U52	4.83	10.54	Philips 74LVT16244BDL	3.3V 16-bit Buffer/Line Driver
U53	2.19	9.99	TI SN74LS123D	SMD Dual Monostable
U54	5.34	8.52	Motorola MC100ELT20D	TTL to Differential PECL Translator
U55	5.34	9.38	Philips 74LVT244AD	3-State Low Voltage Octal Buffer
U56	4.15	8.37	Philips 74ABT541D	SMD Octal Buffer, 3-state
U58	4.67	8.43	ICS ICS581G-02	Zero-Delay Glitch Free Clock Multiplexer
U59	6.46	9.39	Xilinx XC18V04PC44C	Xilinx In-System Programmable Configuration PROM
U60	6.46	8.59	Philips 74LVT16244BDL	3.3V 16-bit Buffer/Line Driver
U61	6.90	12.85	Data Delay Devices PDU-16F-.5A4	6 Bit Programmable Delay Unit, TTL 0.5nS Steps, Gull-Wing
U62	6.90	11.51	Data Delay Devices PDU-16F-.5A4	6 Bit Programmable Delay Unit, TTL 0.5nS Steps, Gull-Wing
U63	7.44	12.85	Data Delay Devices PDU-16F-.5A4	6 Bit Programmable Delay Unit, TTL 0.5nS Steps, Gull-Wing
U64	7.44	11.97	Philips N74ABT74D	Dual D-Type Flip-Flop
U65	7.44	11.57	Philips N74F11D	Triple 3-Input AND Gate
U66	7.80	11.97	Philips 74ABT08D	SMD Quad 2-input AND Gate
U67	7.46	8.98	Xilinx XC2S600E-7FG456C	Xilinx Spartan-II E 1.8V FPGA
U68	7.88	10.64	Philips 74LVT16244BDL	3.3V 16-bit Buffer/Line Driver
U69	7.97	12.85	Data Delay Devices PDU-16F-.5A4	6 Bit Programmable Delay Unit, TTL 0.5nS Steps, Gull-Wing
U70	9.04	10.38	Philips 74LVT04D	Low Voltage Hex Invertors (3V3)
U71	9.20	13.20	Newport 50A10500	Active Buffered 10-Tap, 5ns Step Delay Line
U72	9.21	12.13	Xilinx XC18V02PC44C	Xilinx In-System Programmable Configuration PROM
U73	9.56	10.33	Euroquartz SPG8640AN	Programmable Crystal Oscillator

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U74	9.56	9.39	Euroquartz SPG8640AN	Programmable Crystal Oscillator
U75	10.38	9.38	Philips 74LVT244AD	3-State Low Voltage Octal Buffer
U76	10.19	11.75	Xilinx XC2S200E-6FG456C	Xilinx Spartan-IIE 1.8V FPGA
U77	11.47	11.15	Philips 74LVT16244BDL	3.3V 16-bit Buffer/Line Driver
U78	12.22	13.63	Philips 74ALVC164245DL	16-Bit Dual Supply Translating Transceiver
U79	12.22	12.95	Philips 74LVT16244BDL	3.3V 16-bit Buffer/Line Driver
U80	12.22	12.22	Philips 74LVT16244BDL	3.3V 16-bit Buffer/Line Driver
U81	12.22	11.50	Philips 74LVT16244BDL	3.3V 16-bit Buffer/Line Driver
U82	12.22	10.78	Philips 74ALVC164245DL	16-Bit Dual Supply Translating Transceiver
U83	11.34	7.45	TRACO TAM 25-2411	25W Single 5V Output DC/DC Converter
U84	12.69	1.83	Philips 74LVT244AD	3-State Low Voltage Octal Buffer
U85	12.86	2.52	Philips 74ABT125D	3-State Quad Buffer
U86	13.75	13.43	Philips N74F541N	Octal Buffers, 3-state outputs
U87	13.20	12.30	TI SN74LS541N	Octal Buffers with 3 State Outputs
U88	13.20	11.18	Philips N74F760N	Octal Buffer (Open-Collector)
U89	13.20	1.75	Philips 74ABT125D	3-State Quad Buffer
U90	13.59	2.11	Motorola MC100ELT20D	TTL to Differential PECL Translator
U91	14.28	13.53	NSC 74F543PC	Octal Registered Transceiver
U92	13.75	12.30	Philips N74F541N	Octal Buffers, 3-state outputs
U93	13.75	11.32	TI SN74F38N	Quad 2 Input NAND Buffer
U94	13.97	2.67	Synergy SY100E111JC	1:9 Differential Clock Driver With Enable
U95	13.99	1.58	Synergy SY100E111JC	1:9 Differential Clock Driver With Enable
U96	14.00	3.58	Philips 74LVT16244BDL	3.3V 16-bit Buffer/Line Driver
U97	14.03	0.90	Philips 74ABT574D	SMD Octal Edge Triggered D-Type Latches
U98	14.07	0.40	Philips 74ABT574D	SMD Octal Edge Triggered D-Type Latches
U99	14.80	13.53	NSC 74F543PC	Octal Registered Transceiver
U100	14.28	12.30	Philips N74F541N	Octal Buffers, 3-state outputs
U101	14.28	11.18	Philips N74F541N	Octal Buffers, 3-state outputs
U102	14.28	7.26	NSC 74F543PC	Octal Registered Transceiver
U103	14.80	12.30	Philips N74F541N	Octal Buffers, 3-state outputs
U104	14.80	11.18	Philips N74F541N	Octal Buffers, 3-state outputs

# PARTS LIST for: PC3216M

OM Job No:

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U105	14.80	8.27	Philips N74F541N	Octal Buffers, 3-state outputs
U106	14.80	6.26	NSC 74F543PC	Octal Registered Transceiver
U107	14.88	1.77	Motorola MC100ELT21D	Differential PECL to TTL Translator
U108	3.58	8.62	Philips 74LVC4245AD	Octal Dual Supply Translating Transceiver
VR1	12.10	9.17	NSC LP3963ES-1.8	3A Fast Ultra Low Dropout Linear Regulator