PARTS LIST for: PC3162M/1

OM Job No:

Engineer	PC Issue	Circuit Issue	Cost Centre	Checked & Approved (Signed & dated)
M.POSTRANECKY	1	A		

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
C1	2.50	13.85	ES 430818D	22pF SMD Capacitor, 0805
C2	3.25	13.82	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C3	3.95	13.82	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C4	1.30	13.78	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C5	2.70	13.78	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C6	3.40	13.78	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C7	2.05	13.75	ES 430818D	22pF SMD Capacitor, 0805
C8	0.72	13.70	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C9	0.72	13.40	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C10	1.85	13.35	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C11	2.55	13.35	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C12	3.25	13.35	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C13	3.95	13.35	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C14	3.40	13.30	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C15	1.30	13.30	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C16	2.00	13.30	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C17	2.70	13.30	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C18	0.62	13.18	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C19	0.69	12.89	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C20	1.85	12.88	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C21	2.55	12.88	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C22	3.25	12.88	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C23	3.95	12.88	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C24	1.30	12.82	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C25	2.00	12.82	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C26	2.70	12.82	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C27	3.40	12.82	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
C28	0.70	12.60	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C29	3.25	12.40	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C30	3.95	12.40	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C31	2.70	12.35	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C32	3.40	12.35	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C33	0.70	12.33	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C34	0.72	12.10	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C35	3.25	11.93	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C36	3.95	11.93	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C37	2.70	11.88	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C38	3.40	11.88	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C39	0.72	11.79	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C40	1.45	11.15	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C41	1.20	11.07	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
C42	4.30	10.72	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C43	13.65	10.30	Farnell 920-460	470uF 16V Electrolytic
C44	4.58	9.97	AVX-KYOCERA TAJD476K016R	47uF SMD 16V Capacitor, Case Size D
C45	13.65	9.90	Farnell 920-460	470uF 16V Electrolytic
C46	3.05	9.62	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C47	13.80	9.45	Farnell 920-460	470uF 16V Electrolytic
C48	12.65	9.03	Farnell 912-967	1000uF 16V Axial Electrolytic
C49	13.80	8.88	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C50	14.05	8.25	Farnell 920-460	470uF 16V Electrolytic
C51	14.10	8.00	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C52	7.15	7.90	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C53	13.22	7.85	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C54	10.62	7.40	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C55	13.12	7.33	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C56	10.62	7.20	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C57	2.50	6.35	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C58	2.35	6.30	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
C59	14.97	3.52	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C60	14.97	3.42	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C61	14.97	3.33	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C62	14.97	3.23	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C63	14.29	3.19	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C64	14.97	3.12	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C65	14.97	3.02	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C66	14.97	2.92	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C67	14.97	2.83	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C68	13.60	2.75	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C69	14.97	2.73	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C70	14.97	2.62	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C71	13.62	2.52	AVX-KYOCERA 08055C103KAT00J	10nF SMD Capacitor, 0805
C72	9.75	2.15	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C73	9.93	2.15	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C74	13.60	1.76	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C75	10.18	1.75	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C76	13.64	1.41	AVX-KYOCERA 08055C103KAT00J	10nF SMD Capacitor, 0805
C77	13.62	1.10	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C78	13.65	0.97	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
C79	13.62	0.60	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B
C80	13.65	0.47	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C81	6.00	14.03	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C82	7.00	14.03	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C83	13.03	14.03	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C84	13.50	14.03	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C85	1.57	13.97	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C86	2.27	13.97	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C87	2.98	13.97	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C88	3.67	13.97	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C89	6.00	13.93	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
*C90	7.00	13.93	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C91	1.57	13.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C92	2.27	13.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C93	2.98	13.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C94	3.67	13.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C95	6.47	13.43	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C96	1.57	13.03	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C97	2.27	13.03	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C98	2.98	13.03	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C99	3.67	13.03	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C100	14.00	13.03	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C101	13.03	12.82	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C102	6.47	12.62	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C103	13.50	12.62	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C104	6.00	12.60	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C105	7.00	12.60	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C106	7.55	12.60	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C107	2.98	12.55	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C108	3.67	12.55	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C109	1.75	12.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C110	6.00	12.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C111	7.00	12.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C112	7.55	12.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C113	14.55	12.22	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C114	2.98	12.07	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C115	3.67	12.07	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C116	6.47	11.82	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C117	14.00	11.82	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C118	13.03	11.62	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C119	1.75	11.55	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C120	5.08	11.43	AVX-KYOCERA CM21X7R334K16VAT	330nF SMD Capacitor, 0805

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
*C121	7.55	11.35	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C122	4.42	11.25	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C123	4.53	11.25	Panasonic ECHU1H101GB5	100pF SMD Capacitor, 0805
*C124	7.55	11.25	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C125	13.50	11.22	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C126	6.00	11.15	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C127	7.00	11.15	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C128	2.62	11.07	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C129	3.62	11.07	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C130	3.12	11.05	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C131	6.00	11.05	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C132	7.00	11.05	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C133	6.47	11.03	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C134	14.55	11.03	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C135	4.60	10.82	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C136	5.08	10.62	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C137	14.00	10.62	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C138	2.62	10.57	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C139	5.08	10.53	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C140	3.62	10.47	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C141	8.75	10.32	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C142	9.25	10.32	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C143	9.85	10.32	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C144	6.47	10.22	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C145	7.55	10.15	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C146	7.55	10.05	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C147	3.12	10.00	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C148	2.62	9.97	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C149	3.62	9.97	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C150	8.78	9.82	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C151	9.82	9.82	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
*C152	6.35	9.72	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C153	7.00	9.72	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C154	6.35	9.62	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C155	7.00	9.62	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C156	8.75	9.32	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C157	9.25	9.32	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C158	9.85	9.32	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C159	13.55	8.57	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C160	4.40	8.35	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C161	4.97	8.32	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C162	5.47	8.32	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C163	6.85	8.22	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C164	8.75	8.18	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C165	9.25	8.18	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C166	9.85	8.18	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C167	6.33	8.15	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C168	7.45	8.12	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C169	4.40	7.80	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C170	5.45	7.80	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C171	8.78	7.65	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C172	9.82	7.65	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C173	6.85	7.40	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C174	7.35	7.40	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C175	4.38	7.30	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C176	6.85	7.30	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C177	7.35	7.30	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C178	4.97	7.28	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C179	5.47	7.28	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C180	6.33	7.25	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C181	8.75	7.15	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C182	9.25	7.12	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805

PARTS LIST for: PC3162M/1

OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
*C183	9.85	7.12	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C184	4.58	6.33	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C185	1.27	5.92	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C186	1.93	5.67	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C187	2.02	5.67	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C188	7.62	5.60	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C189	7.88	5.60	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C190	1.23	5.58	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C191	1.32	5.58	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C192	3.52	5.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C193	4.53	5.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C194	10.82	5.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C195	11.30	5.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C196	11.88	5.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C197	3.98	5.47	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C198	7.62	5.47	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C199	7.88	5.47	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C200	5.67	5.45	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C201	6.25	5.45	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C202	6.72	5.45	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C203	13.24	5.41	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C204	12.60	5.40	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C205	7.62	5.33	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C206	7.88	5.33	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C207	3.52	5.03	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C208	4.53	5.03	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C209	10.85	5.03	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C210	11.85	5.03	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C211	1.27	4.95	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C212	5.70	4.95	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C213	6.70	4.95	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
*C214	13.23	4.95	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C215	1.98	4.85	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C216	1.93	4.70	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C217	2.02	4.70	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C218	7.62	4.67	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C219	7.88	4.67	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C220	1.23	4.60	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C221	1.32	4.60	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C222	7.62	4.53	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C223	7.88	4.53	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C224	10.82	4.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C225	11.30	4.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C226	11.88	4.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C227	4.00	4.47	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C228	3.52	4.45	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C229	4.53	4.45	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C230	5.67	4.45	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C231	6.25	4.45	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C232	6.72	4.45	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C233	7.62	4.38	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C234	7.88	4.38	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C235	1.23	3.73	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C236	1.32	3.73	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C237	1.98	3.67	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C238	13.93	3.67	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C239	14.07	3.67	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C240	13.93	3.48	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C241	14.07	3.48	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C242	2.62	2.90	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C243	13.97	2.85	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C244	5.95	2.77	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
*C245	2.58	2.75	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C246	2.67	2.75	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C247	13.40	2.73	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C248	13.75	2.73	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C249	14.20	2.73	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C250	1.27	2.70	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C251	1.98	2.70	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C252	5.95	2.67	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C253	11.45	2.60	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C254	13.97	2.50	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C255	6.60	2.48	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C256	7.05	2.45	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C257	7.65	2.45	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C258	2.62	2.42	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C259	13.40	2.38	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C260	3.95	2.27	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C261	4.20	2.27	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C262	4.45	2.27	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C263	11.00	2.20	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C264	11.85	2.20	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C265	3.90	2.12	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C266	4.58	2.12	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C267	11.00	2.10	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C268	11.85	2.10	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C269	1.98	2.02	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C270	6.60	1.95	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C271	7.60	1.95	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C272	5.95	1.90	AVX-KYOCERA CM21X7R474K16VAT	470nF SMD Capacitor, 0805
*C273	5.95	1.80	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C274	14.88	1.80	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C275	1.23	1.77	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
*C276	1.32	1.77	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C277	1.93	1.77	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C278	2.02	1.77	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C279	4.58	1.77	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C280	13.99	1.76	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C281	3.90	1.75	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C282	11.43	1.75	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C283	13.77	1.64	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C284	14.22	1.64	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C285	4.00	1.57	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C286	4.25	1.57	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C287	4.50	1.57	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C288	6.58	1.45	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C289	7.05	1.45	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C290	7.65	1.45	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C291	2.62	1.43	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C292	13.99	1.41	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C293	1.98	1.02	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C294	1.23	0.78	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C295	1.32	0.78	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C296	1.93	0.78	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
*C297	2.02	0.78	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805
D1	4.38	9.78	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

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
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
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
FS1	14.57	10.30	Farnell 319-326	5A Wire Ended Fuse
FS2	14.57	9.90	Farnell 319-326	5A Wire Ended Fuse
FS3	14.57	9.45	Farnell 319-326	5A Wire Ended Fuse
FS4	14.57	9.03	Farnell 752-710	15A Wire Ended Fuse
FS5	14.57	8.57	Farnell 529-308	10A Wire Ended Fuse
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
J4	0.93	11.32	3M 2510-6002UN	10way vert IDC hdr for J-TAG ISP port
JAUX	15.54	10.29	Erni(Stuc3) 30-M-ABC	30way Rt-Ang PCB Plug
LK1	4.30	12.60	Comatel 3000500	2 pin 0.6 inch pitch Jumper
LK2	11.78	12.10	Comatel 3000500	2 pin 0.6 inch pitch Jumper
LK6	14.00	4.65	Comatel 3000500	2 pin 0.6 inch pitch Jumper
LK7	3.42	3.73	Comatel 3000500	2 pin 0.6 inch pitch Jumper
PL1	1.00	13.97	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL2	14.50	13.60	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL3	8.32	13.18	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL4	2.17	10.35	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL5	1.00	10.30	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL6	3.17	9.47	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL57	8.20	8.82	Harwin M20-999 20 05	Harwin Straight 1 pin Header

PARTS LIST for: PC3162M/1

OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
PL58	14.78	8.78	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL59	14.78	8.57	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL60	14.78	8.38	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL61	14.78	8.18	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL62	14.78	7.97	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL63	14.78	7.78	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL64	10.68	7.55	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL65	14.78	7.58	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL66	13.40	7.38	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL67	13.40	7.15	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL68	13.40	6.95	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL94	14.32	6.67	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL120	9.60	6.50	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL121	8.75	5.83	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL122	9.22	5.83	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL123	8.75	5.72	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL124	9.22	5.72	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL125	8.75	5.62	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL126	9.22	5.62	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL127	8.75	5.53	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL128	9.22	5.53	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL129	8.75	5.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL130	9.22	5.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL131	8.75	5.33	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL132	9.22	5.33	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL133	8.75	5.22	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL134	9.22	5.22	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL135	8.75	5.12	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL136	9.22	5.12	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL137	8.75	4.83	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL138	9.22	4.83	Harwin M20-999 02 05	Harwin Straight 2 pin Header

PARTS LIST for: PC3162M/1

OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
PL139	8.75	4.72	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL140	9.22	4.72	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL141	8.75	4.62	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL142	9.22	4.62	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL143	2.77	4.53	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL144	8.75	4.53	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL145	9.22	4.53	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL146	8.75	4.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL147	9.22	4.42	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL148	8.75	4.33	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL149	9.22	4.33	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL150	8.75	4.22	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL151	9.22	4.22	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL152	8.75	4.12	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL153	9.22	4.12	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL154	8.35	3.27	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL155	9.85	2.33	Harwin M20-999 03 05	Harwin Straight 3 pin Header
PL156	14.90	2.15	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL157	1.70	2.02	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL158	10.07	2.00	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL159	14.65	1.98	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL160	2.25	1.93	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL161	10.07	1.90	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL162	1.70	1.82	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL163	2.25	1.82	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL164	12.82	1.80	Harwin M20-999 20 05	Harwin Straight 1 pin Header
PL165	14.65	1.57	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL166	0.45	0.97	3M 3408-D303	16-Pin Condo double-header, PCB RT-ANG
PL167	1.65	1.12	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL168	1.65	1.02	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL169	4.40	0.95	Harwin M20-999 02 05	Harwin Straight 2 pin Header

PARTS LIST for: PC3162M/1

OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
PL170	1.65	0.93	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL171	2.25	0.93	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL172	1.65	0.82	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL173	2.25	0.82	Harwin M20-999 02 05	Harwin Straight 2 pin Header
PL174	13.43	0.53	Harwin M20-999 02 05	Harwin Straight 2 pin Header
R1	3.20	14.03	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R2	3.90	14.03	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R3	2.52	14.00	Farnell 613-174	4.7K SMD Resistor, 0.1W, 0805
R4	0.45	13.82	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R5	0.45	13.72	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R6	1.80	13.72	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805
R7	2.02	13.62	Farnell 613-174	4.7K SMD Resistor, 0.1W, 0805
R8	0.45	13.60	Farnell 613-034	330R SMD Resistor, 0.1W, 0805
R9	1.35	13.55	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R10	1.80	13.55	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R11	2.50	13.55	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R12	2.75	13.55	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R13	3.20	13.55	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R14	3.45	13.55	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R15	3.90	13.55	Farnell 613-174	4.7K SMD Resistor, 0.1W, 0805
R16	0.45	13.50	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805
R17	0.45	13.38	Farnell 613-071	680R SMD Resistor, 0.1W, 0805
R18	0.45	13.28	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R19	0.62	13.28	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R20	0.45	13.15	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R21	1.35	13.07	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R22	1.80	13.07	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R23	2.05	13.07	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R24	2.50	13.07	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R25	2.75	13.07	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R26	3.20	13.07	Farnell 613-290	47K SMD Resistor, 0.1W, 0805

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
R27	3.45	13.07	Farnell 613-174	4.7K SMD Resistor, 0.1W, 0805
R28	3.90	13.07	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R29	0.45	13.05	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R30	0.45	12.93	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R31	0.45	12.82	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R32	0.45	12.70	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R33	0.45	12.60	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R34	1.35	12.60	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R35	2.05	12.60	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R36	2.75	12.60	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R37	3.20	12.60	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R38	3.45	12.60	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R39	3.90	12.60	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R40	0.45	12.47	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R41	0.45	12.38	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R42	0.45	12.25	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R43	0.45	12.15	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R44	2.75	12.12	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R45	3.20	12.12	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R46	3.45	12.12	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R47	3.90	12.12	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R48	0.45	12.03	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R49	0.45	11.93	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R50	0.45	11.80	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R51	0.45	11.70	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R52	2.75	11.65	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R53	3.45	11.65	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R54	0.45	11.45	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R55	0.45	11.35	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R56	0.45	11.22	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R57	0.45	11.12	Farnell 613-058	470R SMD Resistor, 0.1W, 0805

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
R58	0.45	11.00	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R59	0.45	10.90	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R60	0.45	10.78	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R61	0.45	10.68	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R62	0.45	10.55	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R63	4.25	10.50	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805
R64	0.45	10.45	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R65	4.25	10.38	Farnell 612-972	100R SMD Resistor, 0.1W, 0805
R66	0.45	10.32	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R67	0.45	10.22	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R68	0.45	10.10	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R69	0.45	10.00	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R70	0.45	9.88	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R71	4.25	9.82	Farnell 613-216	10K SMD Resistor, 0.1W, 0805
R72	0.45	9.78	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R73	3.23	9.62	Farnell 613-174	4.7K SMD Resistor, 0.1W, 0805
R74	3.98	8.18	Farnell 613-253	22K SMD Resistor, 0.1W, 0805
R75	7.15	8.18	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R76	3.98	8.03	Farnell 613-253	22K SMD Resistor, 0.1W, 0805
R77	0.82	7.78	Farnell 612-972	100R SMD Resistor, 0.1W, 0805
R78	0.72	6.25	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R79	1.02	6.17	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R80	0.72	6.03	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R81	7.95	5.92	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805
R82	1.02	5.85	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R83	0.72	5.80	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R84	0.72	5.58	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R85	0.72	5.33	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R86	1.02	5.20	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R87	0.72	5.08	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R88	7.95	4.95	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
R89	1.02	4.88	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R90	0.72	4.85	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R91	0.72	4.65	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R92	0.85	4.40	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R93	1.68	4.38	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805
R94	0.85	4.20	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
R95	1.68	4.17	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805
R96	1.68	3.77	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805
R97	0.97	3.40	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805
R98	1.68	3.40	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805
R99	0.97	3.20	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805
R100	1.68	3.20	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805
R101	0.97	2.80	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805
R102	1.68	2.80	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805
R103	12.97	2.40	Farnell 613-022	270R SMD Resistor, 0.1W, 0805
R104	10.18	2.15	Farnell 613-290	47K SMD Resistor, 0.1W, 0805
R105	14.65	1.77	Farnell 612-972	100R SMD Resistor, 0.1W, 0805
R106	10.07	1.75	Farnell 613-095	1K0 SMD Resistor, 0.1W, 0805
R107	13.62	1.64	Farnell 613-022	270R SMD Resistor, 0.1W, 0805
R108	13.62	1.53	Farnell 613-022	270R SMD Resistor, 0.1W, 0805
R109	13.38	0.70	Farnell 613-174	4.7K SMD Resistor, 0.1W, 0805
R110	13.38	0.25	Farnell 613-174	4.7K SMD Resistor, 0.1W, 0805
*R111	4.60	10.72	Farnell 613-216	10K SMD Resistor, 0.1W, 0805
*R112	2.77	6.89	Farnell 613-216	10K SMD Resistor, 0.1W, 0805
*R113	2.87	6.89	Farnell 613-216	10K SMD Resistor, 0.1W, 0805
*R114	2.88	6.50	Farnell 613-216	10K SMD Resistor, 0.1W, 0805
*R115	2.67	6.50	Farnell 613-216	10K SMD Resistor, 0.1W, 0805
*R116	2.77	6.50	Farnell 613-216	10K SMD Resistor, 0.1W, 0805
*R117	1.30	6.08	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
*R118	1.30	5.78	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
*R119	1.30	5.10	Farnell 613-058	470R SMD Resistor, 0.1W, 0805

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
*R120	1.30	4.80	Farnell 613-058	470R SMD Resistor, 0.1W, 0805
RN1	0.74	13.55	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
RN2	0.72	13.05	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
RN3	0.71	12.47	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
RN4	0.74	11.96	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
RN5	1.47	11.31	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
RN6	2.02	11.18	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
RN7	2.35	5.15	Farnell 307-0165	390R, ARC241, 4-isolated Resistors, 0.062W
RN8	14.43	3.80	Farnell 776-762	10K, ARC241, 4-isolated Resistors, 0.062W
RN9	14.43	3.65	Farnell 776-762	10K, ARC241, 4-isolated Resistors, 0.062W
RN10	14.43	3.50	Farnell 776-762	10K, ARC241, 4-isolated Resistors, 0.062W
RN11	14.43	3.35	Farnell 776-762	10K, ARC241, 4-isolated Resistors, 0.062W
RN12	3.00	3.10	Farnell 307-0165	390R, ARC241, 4-isolated Resistors, 0.062W
RN13	13.86	3.03	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN14	14.06	3.03	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN15	14.32	2.79	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN16	14.32	2.59	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN17	13.89	2.32	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN18	14.09	2.32	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN19	1.68	2.27	Farnell 776-683	470R, ARC241, 4-isolated Resistors, 0.062W
RN20	13.88	1.94	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN21	14.08	1.94	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN22	14.35	1.70	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN23	0.85	1.57	Farnell 149-011	100R, 8-isolated Resistors, 2.25W
RN24	14.35	1.50	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN25	1.68	1.25	Farnell 776-683	470R, ARC241, 4-isolated Resistors, 0.062W
RN26	13.91	1.24	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
RN27	14.11	1.24	Farnell 307-0153	270R, ARC241, 4-isolated Resistors, 0.062W
*RN28	6.45	13.60	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN29	6.45	13.25	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN30	6.45	12.78	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
*RN31	6.45	12.47	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN32	6.45	11.97	Farnell 776-701	1K, ARC241, 4-isolated Resistors, 0.062W
*RN33	6.45	11.65	Farnell 776-701	1K, ARC241, 4-isolated Resistors, 0.062W
*RN34	12.75	11.35	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN35	6.45	11.18	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN36	12.75	11.05	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN37	6.45	10.85	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN38	6.45	10.38	Farnell 776-701	1K, ARC241, 4-isolated Resistors, 0.062W
*RN39	6.45	10.07	Farnell 776-701	1K, ARC241, 4-isolated Resistors, 0.062W
*RN40	1.95	5.20	Farnell 307-0165	390R, ARC241, 4-isolated Resistors, 0.062W
*RN41	13.24	5.16	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN42	13.24	4.77	Farnell 776-749	4K7, ARC241, 4-isolated Resistors, 0.062W
*RN43	1.98	2.17	Farnell 776-683	470R, ARC241, 4-isolated Resistors, 0.062W
*RN44	1.98	1.20	Farnell 776-683	470R, ARC241, 4-isolated Resistors, 0.062W
RV1	13.12	7.70	Farnell 347-681	100K, 3266W Variable Resistor, 0.25W
SK1	0.55	7.83	Lemo EPG.302.HLN	Lemo Socket, 2 Female PCB Mount
SK2	0.35	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	0.55	4.35	Lemo EPG.302.HLN	Lemo Socket, 2 Female PCB Mount
SK11	0.35	3.85	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK12	0.35	3.50	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK13	0.35	3.15	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK14	0.35	2.80	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SK15	0.35	2.45	Lemo EPL.00.250.DTN	Lemo Rt-Angle Socket Size 00, PCB Mount
SW1	6.47	13.60	Thomas & Betts GDH06S	6way SMD Half Pitch Switch

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
SW2	1.01	13.53	Farnell 146-199	Sealed PCB Mount Vert Rotary Hex Switch
SW3	1.00	13.04	Farnell 146-199	Sealed PCB Mount Vert Rotary Hex Switch
SW4	6.47	12.62	Thomas & Betts GDH06S	6way SMD Half Pitch Switch
SW5	1.00	12.49	Farnell 146-199	Sealed PCB Mount Vert Rotary Hex Switch
SW6	1.00	11.96	Farnell 146-199	Sealed PCB Mount Vert Rotary Hex Switch
SW7	6.47	11.82	Thomas & Betts GDH06S	6way SMD Half Pitch Switch
SW8	6.47	11.03	Thomas & Betts GDH06S	6way SMD Half Pitch Switch
SW9	6.47	10.25	Thomas & Betts GDH06S	6way SMD Half Pitch Switch
SW10	0.33	9.50	RS 664-389	SPST Right-Angle Momentary Switch
SW11	0.33	9.25	RS 664-389	SPST Right-Angle Momentary Switch
TR1	0.85	6.35	Farnell 358-010	General Purpose Switching NPN Transistor
TR2	0.85	6.13	Farnell 358-010	General Purpose Switching NPN Transistor
TR3	0.85	5.90	Farnell 358-010	General Purpose Switching NPN Transistor
TR4	0.85	5.67	Farnell 358-010	General Purpose Switching NPN Transistor
TR5	0.85	5.42	Farnell 358-010	General Purpose Switching NPN Transistor
TR6	0.85	5.17	Farnell 358-010	General Purpose Switching NPN Transistor
TR7	0.85	4.95	Farnell 358-010	General Purpose Switching NPN Transistor
TR8	0.85	4.72	Farnell 358-010	General Purpose Switching NPN Transistor
U1	1.57	13.80	TI SN74LS123D	SMD Dual Monostable
U2	2.27	13.80	TI SN74LS123D	SMD Dual Monostable
U3	2.98	13.80	TI SN74LS123D	SMD Dual Monostable
U4	3.67	13.80	TI SN74LS123D	SMD Dual Monostable
U5	13.03	13.57	Philips N74F541N	Octal Buffers, 3-state outputs
U6	13.50	13.47	NSC 74F543PC	Octal Registered Transceiver
U7	14.00	13.47	NSC 74F541PC	Octal Buffers, 3-state outputs
U8	5.97	13.38	Data Delay Devices PDU-16F-.5A4	6 Bit Programmable Delay Unit, TTL 0.5nS Steps, Gull-Wing
U9	6.97	13.38	Data Delay Devices PDU-16F-.5A4	6 Bit Programmable Delay Unit, TTL 0.5nS Steps, Gull-Wing
U10	1.57	13.32	TI SN74LS123D	SMD Dual Monostable
U11	2.27	13.32	TI SN74LS123D	SMD Dual Monostable
U12	2.98	13.32	TI SN74LS123D	SMD Dual Monostable

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
U13	3.67	13.32	TI SN74LS123D	SMD Dual Monostable
U14	1.57	12.85	TI SN74LS123D	SMD Dual Monostable
U15	2.27	12.85	TI SN74LS123D	SMD Dual Monostable
U16	2.98	12.85	TI SN74LS123D	SMD Dual Monostable
U17	3.67	12.85	TI SN74LS123D	SMD Dual Monostable
U18	14.55	12.68	NSC 74F541PC	Octal Buffers, 3-state outputs
U19	2.98	12.38	TI SN74LS123D	SMD Dual Monostable
U20	3.67	12.38	TI SN74LS123D	SMD Dual Monostable
U21	13.03	12.38	Philips N74F760N	Octal Buffer (Open-Collector)
U22	14.00	12.28	NSC 74F541PC	Octal Buffers, 3-state outputs
U23	1.75	12.19	Newport 50A10500	Active Buffered 10-Tap, 5ns Step Delay Line
U24	13.50	12.07	NSC 74F543PC	Octal Registered Transceiver
U25	7.55	12.05	NSC 74F541PC	Octal Buffers, 3-state outputs
U26	5.97	11.95	Data Delay Devices PDU-16F-.5A4	6 Bit Programmable Delay Unit, TTL 0.5nS Steps, Gull-Wing
U27	6.97	11.95	Data Delay Devices PDU-16F-.5A4	6 Bit Programmable Delay Unit, TTL 0.5nS Steps, Gull-Wing
U28	2.98	11.90	TI SN74LS123D	SMD Dual Monostable
U29	3.67	11.90	TI SN74LS123D	SMD Dual Monostable
U30	14.55	11.47	NSC 74F541PC	Octal Buffers, 3-state outputs
U31	4.47	11.25	ECM GBS-204-80.16-C	80.16MHz Crystal Clock Oscillator
U32	13.03	11.18	TI SN74LS541N	Octal Buffers with 3 State Outputs
U33	5.08	11.12	Philips N74ABT74N	Dual D-Type Flip-Flop
U34	1.75	11.09	TI SN74LS541N	Octal Buffers with 3 State Outputs
U35	14.00	11.07	NSC 74F541PC	Octal Buffers, 3-state outputs
U36	13.50	10.93	TI SN74F38N	Quad 2 Input NAND Buffer
U37	7.55	10.80	NSC 74F541PC	Octal Buffers, 3-state outputs
U38	3.12	10.53	VANTIS M5-384/184-7HC	High Density PLD
U39	4.60	10.53	NSC 74F14PC	Hex Schmitt-Trigger Inverters
U40	5.97	10.50	Data Delay Devices PDU-16F-.5A4	6 Bit Programmable Delay Unit, TTL 0.5nS Steps, Gull-Wing
U41	6.97	10.50	Data Delay Devices PDU-16F-.5A4	6 Bit Programmable Delay Unit, TTL 0.5nS Steps, Gull-Wing
U42	5.08	10.07	NSC 74F541PC	Octal Buffers, 3-state outputs

PARTS LIST for: PC3162M/1 OM Job No:

Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
U43	9.30	9.82	VANTIS M5-384/184-7HC	High Density PLD
U44	7.55	9.60	NSC 74F541PC	Octal Buffers, 3-state outputs
U45	6.33	9.07	Data Delay Devices PDU-16F-.5A4	6 Bit Programmable Delay Unit, TTL 0.5nS Steps, Gull-Wing
U46	6.97	9.07	Data Delay Devices PDU-16F-.5A4	6 Bit Programmable Delay Unit, TTL 0.5nS Steps, Gull-Wing
U47	13.55	8.12	NSC 74F541PC	Octal Buffers, 3-state outputs
U48	6.85	7.88	TI SN74123N	Dual Monostable
U49	6.33	7.85	Philips N74ABT74N	Dual D-Type Flip-Flop
U50	7.45	7.83	Philips 74ABT08N	Quad 2-input AND Gate
U51	4.92	7.80	VANTIS M5-384/184-7HC	High Density PLD
U52	9.30	7.65	VANTIS M5-384/184-7HC	High Density PLD
U53	10.97	7.80	TRACO TAM 25-2411	25W Single 5V Output DC/DC Converter
U54	6.33	6.95	NSC 74F11PC	Triple 3-Input AND Gate
U55	6.85	6.85	NSC 74F541PC	Octal Buffers, 3-state outputs
U56	7.35	6.85	NSC 74F541PC	Octal Buffers, 3-state outputs
U57	5.03	6.33	Philips N74F541N	Octal Buffers, 3-state outputs
U58	1.27	5.97	Motorola MC10H125P	Quad ECL to TTL Translator
U59	1.98	5.97	Motorola MC10125P	Quad ECL to TTL Translator
U60	7.75	5.45	IDT IDT723611L15PF	CMOS 64 x 36 Synchronous FIFO
U61	12.60	5.10	Philips 74ABT04N	Hex Invertors
U62	1.27	5.00	Motorola MC10H125P	Quad ECL to TTL Translator
U63	1.98	5.00	Motorola MC10124P	Quad TTL to ECL Translator
U64	11.35	5.00	VANTIS M5-384/184-7HC	High Density PLD
U65	4.03	4.97	VANTIS M5-384/184-7HC	High Density PLD
U66	13.24	4.96	Philips N74LS541N	Octal Buffers with 3 State Outputs
U67	6.20	4.95	VANTIS M5-384/184-7HC	High Density PLD
U68	7.75	4.50	IDT IDT723611L15PF	CMOS 64 x 36 Synchronous FIFO
U69	1.27	4.03	Motorola MC10H124P	Quad TTL to ECL Translator
U70	1.98	4.03	Motorola MC10192P	Quad Bus Driver
U71	14.00	3.58	Philips 74LVT16244BDL	3.3V 16-bit Buffer/Line Driver
U72	1.27	3.05	Motorola MC10192P	Quad Bus Driver

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Ref Des *=Underside	Comp Posn (Origin) X	Y	Manufacturer & Part No or Supplier's Name & Part No	Part Description
U73	1.98	3.05	Motorola MC10192P	Quad Bus Driver
U74	2.62	3.05	Motorola MC10124P	Quad TTL to ECL Translator
U75	13.30	2.73	Motorola MC100ELT20D	TTL to Differential PECL Translator
U76	13.97	2.67	Synergy SY100E111JC	1:9 Differential Clock Driver With Enable
U77	5.95	2.38	IDT IDT71256SA12Y	256k CMOS SRAM (32k x 8bit)
U78	13.30	2.38	Motorola MC100ELT20D	TTL to Differential PECL Translator
U79	11.43	2.17	VANTIS M4-256-128-7YC	High Density PLD
U80	1.27	2.08	Motorola MC10125P	Quad ECL to TTL Translator
U81	1.98	2.08	Motorola MC10H124P	Quad TTL to ECL Translator
U82	2.62	2.08	Euroquartz SPG8640AN	Programmable Crystal Oscillator
U83	7.10	1.95	VANTIS M5-384/184-7HC	High Density PLD
U84	4.22	1.93	VANTIS M5-512/256-7AC	High Density PLD
U85	9.82	1.88	Philips 74ABT125D	3-State Quad Buffer
U86	14.88	1.77	Motorola MC100ELT21D	Differential PECL to TTL Translator
U87	13.99	1.58	Synergy SY100E111JC	1:9 Differential Clock Driver With Enable
U88	5.95	1.50	IDT IDT71256SA12Y	256k CMOS SRAM (32k x 8bit)
U89	1.27	1.07	Motorola MC10125P	Quad ECL to TTL Translator
U90	1.98	1.07	Motorola MC10H124P	Quad TTL to ECL Translator
U91	2.62	1.07	Euroquartz SPG8640AN	Programmable Crystal Oscillator
U92	14.03	0.90	Philips 74ABT574D	SMD Octal Edge Triggered D-Type Latches
U93	14.03	0.40	Philips 74ABT574D	SMD Octal Edge Triggered D-Type Latches