

Part D PCB Information

This part contains information for the Change Over Module Control PCB (IPN 227-70301-06A). It contains the following information:

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Note: The PCB has been modified. Modifications are described in PCB Layout (Bottom Side - Modified) on page D16.

1 Introduction

1.1 Parts Lists

The 10 digit numbers (000-00000-00) in the parts lists are 'internal part numbers' (IPNs). Your spare parts orders can be handled more efficiently if you quote: equipment type, circuit reference and IPN, along with a brief description of the part. The components listed in the parts lists are divided into two main types: those with a circuit reference (e.g. C201, D106, R121, etc) and those without (mechanical and miscellaneous). Those with a circuit reference are grouped firstly by PCB, then by circuit designation in numerical order.

Each component entry comprises three or four columns: the circuit reference, variant number (if applicable), IPN and description. A number in the variant column indicates that this particular component is fitted only to that variant. The miscellaneous and mechanical section lists the variant and common parts in IPN order.

1.2 Grid Reference Indexes

To assist in locating components and labelled pads on the PCB layouts and circuit diagrams, a component grid reference index has been provided. This index lists the components and pads in alphabetical order, along with the appropriate alphanumeric grid references.

The first digit in the circuit diagram reference is the sheet number, and the last two characters give the location of the component on that sheet. The first digit in the PCB layout reference is a '1' or '2', indicating the top or bottom side layout respectively, and the last two characters give the location of the component on that diagram.

1.3 Using CAD Circuit Diagrams

Reading a CAD circuit diagram is similar to reading a road map, in that both have an alphanumeric border. The circuit diagrams in this Manual use letters to represent the horizontal axis, and numbers for the vertical axis. These circuit diagram 'grid references' are useful in following a circuit that is spread over two or more sheets. When a line representing part of the circuitry is discontinued, a reference will be given at the end of the line to indicate where the rest of the circuitry is located. The first digit refers to the sheet number (printed on the bottom right hand corner of the CAD diagram) and the last two characters refer to the location on that sheet of the continuation of the circuit (e.g. 1-D4). If more than one line is represented (indicated by a double thickness line), a dot with a reference label will follow the route each individual line represents.

2 Grid References

Device	PCB	Circuit	Device	PCB	Circuit
C100	1:G3	1-J0	C423	1:J4	4-L6
C101	1:C5	1-K0	C424	1:J3	4-M5
C102	1:E5	1-G0	C425	1:J3	4-P5
C105	1:B4	1-P8	C429	1:H6	4-Q7
C105A	1:C5	1-Q8	C430	1:H6	4-Q7
C105B	1:C5	1-Q8	C431	1:H6	4-Q6
C106	1:B5	1-P6	C432	1:H6	4-Q6
C106A	1:C5	1-Q6	C433	1:G6	4-Q5
C106B	1:C5	1-Q6	C436	1:N4	4-H3
C110	1:E4	1-Q5	C437	1:M4	4-G2
C114	1:E5	1-Q4	C438	1:M4	4-J2
C118	1:R2	1-Q2	C439	1:M4	4-L1
C120	1:G3	1-D6	C440	1:M3	4-M1
C121	1:G3	1-D5	C441	1:M3	4-P0
C122	1:D5	1-D4	C445	1:H6	4-Q3
C123	1:C5	1-D4	C446	1:H6	4-Q2
C126	1:E6	1-K6	C447	1:H6	4-Q1
C127	1:F6	1-L7	C448	1:H6	4-Q1
C128	1:F6	1-L6	C449	1:G6	4-Q0
C131	1:C4	1-R8	D100	1:C6	1-D7
*C160	1:Q5	1-M1	D101	1:C6	1-D6
*C161	1:P5	1-N1	D102	1:D5	1-D5
*C162	1:P6	1-N1	D103	1:D5	1-D4
*C163	1:R5	1-Q1	D107	1:P6	1-J3
*C164	1:R5	1-Q1	D108	1:P6	1-L4
*C165	1:R6	1-Q1	D109	1:E5	1-Q5
C200	1:F4	2-K7	D112	1:E5	1-Q4
C201	1:C3	2-K0	D115	1:R1	1-P3
C203	1:G4	2-L0	D202	1:F4	2-L7
C220	1:G4	2-G7	D202	1:F4	2-L7
C221	1:G4	2-G6	D205	1:G4	2-M4
C224	1:F4	2-L7	D205	1:G4	2-M4
C228	1:B4	2-B6	D300	1:E4	3-F8
C229	1:N3	2-E5	D301	1:F4	3-G8
C232	1:B4	2-B4	D302	1:G4	3-G8
C233	1:G2	2-E3	D305	1:E2	3-K8
C237	1:F5	2-J3	D305	1:E2	3-K9
C238	1:F4	2-J3	D306	1:E1	3-L8
C243	1:K4	2-P6	D307	1:E2	3-K7
C244	1:K4	2-P6	D307	1:E2	3-K6
C245	1:K4	2-Q6	D308	1:E1	3-L6
C246	1:K4	2-Q6	D311	1:L2	3-K5
C249	1:G4	2-N4	D311	1:L2	3-K5
C253	1:A4	2-B2	D312	1:L1	3-L5
C254	1:N3	2-E2	D313	1:L2	3-K3
C257	1:B4	2-B1	D313	1:L2	3-K3
C258	1:F2	2-E0	D314	1:L1	3-L3
C320	1:F6	3-A6	D400	1:K4	4-H9
C321	1:F6	3-B6	D401	1:F1	4-G8
C322	1:G6	3-C8	D402	1:G1	4-H7
C327	1:E2	3-J8	D403	1:H1	4-K6
C328	1:E2	3-J6	D404	1:H1	4-M6
C331	1:F6	3-A4	D405	1:G1	4-P5
C332	1:G6	3-B4	D408	1:D1	4-E7
C333	1:G5	3-C5	D409	1:D1	4-E6
C335	1:G5	3-E3	D410	1:K1	4-E2
C338	1:L2	3-J5	D411	1:K1	4-E1
C339	1:L2	3-J3	D414	1:N4	4-H4
C400	1:J4	4-D9	D415	1:M1	4-G3
C401	1:N3	4-D4	D416	1:N1	4-H2
C420	1:K4	4-H8	D417	1:P1	4-K2
C421	1:J4	4-G7	D418	1:P1	4-M1
C422	1:J4	4-J6	D419	1:N1	4-P0

Device	PCB	Circuit	Device	PCB	Circuit
FIDA	1:A7	1-B0	P213	1:F2	2-E0
FIDB	1:R2	1-A0	P220	1:C4	2-R2
IC100	1:G3	1-C6	P221	1:C5	2-R2
IC100	1:G3	2-F7	PL1	1:B7	1-H0
IC100	1:G3	1-C6	PL2	1:D7	1-K0
IC100	1:G3	1-J0	PL3	1:F7	1-F0
IC100	1:G3	1-B5	PL4	1:H7	4-H0
IC101	1:D5	1-C5	Q100	1:G4	1-D6
IC101	1:D5	1-J0	Q101	1:G3	1-D5
IC101	1:D5	1-B4	Q102	1:D5	1-D5
IC101	1:D5	1-L0	Q103	1:D5	1-D4
IC101	1:D5	1-C4	Q106	1:P6	1-L4
IC102	1:E5	1-H0	Q107	1:P6	1-L3
IC102	1:E5	1-K6	Q200	1:G4	2-N6
IC102	1:E5	1-G0	Q201	1:D4	2-E2
IC105	1:B4	1-P8	Q202	1:D4	2-E0
IC106	1:B5	1-P6	Q300	1:F5	3-D8
IC109	1:F4	1-P5	Q301	1:F5	3-D8
IC110	1:E4	1-P4	Q302	1:F5	3-D6
IC111	1:Q2	1-P2	Q303	1:F5	3-D6
*IC112	1:Q4	1-N0	Q307	1:E2	3-L9
IC200	1:F4	2-J4	Q308	1:E2	3-L7
IC201	1:C4	2-C6	Q309	1:L2	3-L5
IC201	1:C4	2-C1	Q310	1:L2	3-L3
IC201	1:C4	2-C4	Q400	1:D2	4-E7
IC201	1:C4	2-J0	Q401	1:D2	4-E5
IC201	1:C4	2-C2	Q404	1:K4	4-H8
IC202	1:D3	2-E5	Q405	1:F2	4-G7
IC202	1:D3	2-E0	Q406	1:J4	4-H7
IC202	1:D3	2-E4	Q407	1:G2	4-H7
IC202	1:D3	2-E2	Q408	1:J4	4-J7
IC202	1:D3	2-J0	Q409	1:H2	4-K6
IC203	1:G4	2-F6	Q410	1:J4	4-L6
IC203	1:G4	2-K0	Q411	1:H2	4-M6
IC203	1:G4	2-M0	Q412	1:J3	4-N6
IC203	1:G4	2-F7	Q413	1:G2	4-P5
IC203	1:G4	2-M0	Q414	1:J3	4-Q5
IC204	1:A3	2-K8	Q418	1:K2	4-E2
IC207	1:K4	2-P5	Q419	1:K2	4-E0
IC300	1:G6	3-D1	Q422	1:N4	4-H3
IC300	1:G6	3-B7	Q423	1:M2	4-G2
IC300	1:G6	3-A1	Q424	1:M4	4-H2
IC300	1:G6	3-B1	Q425	1:N2	4-H2
IC300	1:G6	3-B5	Q426	1:M4	4-J2
IC301	1:G5	3-F6	Q427	1:P2	4-K1
IC301	1:G5	3-C1	Q428	1:M4	4-L1
IC301	1:G5	3-F4	Q429	1:P2	4-M1
IC301	1:G5	3-F2	Q430	1:M3	4-N1
IC301	1:G5	3-F7	Q431	1:N2	4-P0
IC400	1:J4	4-C7	Q432	1:M3	4-Q0
IC401	1:N4	4-C2	R105	1:C5	1-Q8
P100	1:Q6	1-M4	R106	1:C5	1-Q6
P101	1:P6	1-M4	R120	1:G3	1-C6
P102	1:P6	1-K3	R121	1:G3	1-C6
P103	1:P6	1-K2	R127	1:D5	1-C5
P105	1:R6	1-M1	R128	1:D5	1-C4
P106	1:Q6	1-M1	R135	1:F6	1-H7
P107	1:R6	1-M0	R136	1:E6	1-J7
P108	1:R6	1-M0	R137	1:F6	1-H6
P200	1:M6	2-B6	R138	1:F5	1-J6
P202	1:N2	2-E5	R139	1:E6	1-J7
P203	1:M6	2-B4	R140	1:E6	1-K6
P204	1:N6	2-B4	R141	1:E6	1-K6
P205	1:G2	2-E4	R142	1:C4	1-R8
P208	1:M6	2-B2	R143	1:C4	1-R8
P209	1:Q6	2-B2	R146	1:E4	1-P5
P210	1:N2	2-E2	R147	1:E4	1-Q5
P211	1:M6	2-B1	R148	1:P6	1-K4

Device	PCB	Circuit	Device	PCB	Circuit
R149	1:P6	1-L3	R335	1:E4	3-F8
R152	1:E4	1-P4	R336	1:E4	3-G8
R153	1:E4	1-Q4	R337	1:G5	3-G8
R157	1:R2	1-N3	R341	1:E2	3-K9
R158	1:R2	1-P3	R342	1:E2	3-K9
R159	1:R2	1-Q2	R343	1:E2	3-L8
R220	1:G4	2-G7	R344	1:E2	3-L8
R221	1:G4	2-G6	R347	1:E2	3-K7
R224	1:F4	2-H6	R348	1:E2	3-K7
R228	1:B2	2-J8	R349	1:E2	3-L6
R229	1:B3	2-K8	R350	1:E2	3-L6
R230	1:B3	2-K8	R354	1:F5	3-B5
R233	1:F4	2-L7	R355	1:G6	3-B5
R234	1:F4	2-L6	R356	1:F6	3-B4
R235	1:F4	2-L6	R357	1:G6	3-B4
R236	1:F4	2-L6	R358	1:G5	3-C5
R237	1:G4	2-M6	R359	1:G6	3-C4
*R238	1:G4	2-N7	R363	1:F5	3-D5
R239	1:G4	2-M6	R364	1:F5	3-D5
R243	1:B4	2-C6	R365	1:G5	3-E6
R244	1:B4	2-C6	R366	1:G5	3-F5
R245	1:C3	2-C5	R367	1:G5	3-F5
R246	1:C3	2-D5	R368	1:F6	3-E4
R247	1:C3	2-D6	R371	1:G5	3-D4
R248	1:D3	2-E6	R372	1:G5	3-D3
R249	1:D4	2-E6	R373	1:G5	3-E3
R250	1:B3	2-F5	R374	1:G5	3-F3
R251	1:B3	2-G5	R378	1:L2	3-K5
R252	1:B3	2-G5	R379	1:L2	3-K5
R255	1:A4	2-C4	R380	1:L2	3-L5
R256	1:B4	2-C4	R381	1:M2	3-L5
R257	1:C4	2-C4	R384	1:L2	3-K3
R258	1:C4	2-D4	R385	1:L2	3-K4
R259	1:C3	2-D4	R386	1:L2	3-L3
R260	1:D3	2-E4	R387	1:L2	3-L3
R261	1:D4	2-E4	R420	1:J4	4-B7
R264	1:F4	2-J4	R421	1:K4	4-C7
R266	1:B2	2-N5	R422	1:D2	4-E7
R269	1:G4	2-M4	R423	1:D2	4-D7
R272	1:B4	2-C2	R424	1:C2	4-E6
R273	1:B4	2-C3	R425	1:D2	4-D5
R274	1:C4	2-C2	R428	1:F2	4-G8
R275	1:C4	2-D2	R429	1:F2	4-G8
R276	1:C4	2-D3	R430	1:J4	4-F7
R277	1:D4	2-E3	R431	1:J4	4-G7
R278	1:D4	2-F3	R432	1:K4	4-H8
R279	1:D4	2-F3	R433	1:H3	4-J9
R283	1:B4	2-C1	R437	1:F2	4-H7
R284	1:B4	2-C1	R438	1:F2	4-J7
R285	1:C4	2-C0	R439	1:J4	4-H6
R286	1:C4	2-D0	R450	1:J4	4-J6
R287	1:C4	2-D1	R451	1:H2	4-K7
R288	1:C4	2-E1	R452	1:H2	4-L7
R289	1:D4	2-F1	R453	1:J4	4-K6
R290	1:D4	2-F1	R454	1:J4	4-K6
R320	1:F5	3-B7	R458	1:G2	4-M6
R321	1:F6	3-B7	R459	1:G2	4-M6
R322	1:G6	3-C7	R460	1:J3	4-L5
R323	1:F6	3-B7	R461	1:J3	4-M5
R324	1:F6	3-B6	R462	1:G2	4-P5
R325	1:F5	3-C6	R463	1:G2	4-P5
R328	1:F5	3-D8	R464	1:J3	4-N5
R329	1:F5	3-D8	R465	1:J3	4-P5
R330	1:F5	3-D7	R469	1:N3	4-B2
R331	1:F5	3-D7	R470	1:N4	4-C2
R332	1:F5	3-D6	R471	1:K2	4-E2
R333	1:F5	3-E7	R472	1:K2	4-D2
R334	1:G5	3-F8	R473	1:K2	4-E1

Device	PCB	Circuit	Device	PCB	Circuit
R474	1:K2	4-D0	SW201	1:B3	2-F4
R478	1:M2	4-G3	SW201	1:B3	2-B2
R479	1:M2	4-G3	SW201	1:B3	2-B5
R480	1:N4	4-F2	SW201	1:B3	2-F2
R481	1:M4	4-G2	SW202	1:B2	2-M5
R482	1:N4	4-H3	SW400	1:H3	4-M6
R483	1:L3	4-J4	SW400	1:H3	4-G8
R484	1:N2	4-H2	SW400	1:H3	4-P5
R485	1:N2	4-J2	SW400	1:H3	4-K9
R486	1:M4	4-H2	SW400	1:H3	4-M0
R487	1:M4	4-J2	SW400	1:H3	4-K8
R490	1:P2	4-K2	SW400	1:H3	4-L6
R491	1:P2	4-L2	SW400	1:H3	4-J7
R492	1:M4	4-K1	SW401	1:M3	4-J2
R493	1:M4	4-K1	SW401	1:M3	4-M0
R494	1:P2	4-M1	SW401	1:M3	4-L2
R495	1:P2	4-M1	SW401	1:M3	4-M1
R496	1:M3	4-L1	SW401	1:M3	4-P0
R497	1:M3	4-M1	SW401	1:M3	4-K4
R498	1:N2	4-P1	SW401	1:M3	4-K3
R499	1:N2	4-P1	SW401	1:M3	4-G3
R500	1:M3	4-N0	THOLE	1:A7	1-C0
R501	1:M3	4-P0	TP300	1:G6	3-C7
RL100	1:C6	1-B7	TP301	1:F5	3-E8
RL100	1:C6	1-B8	TP302	1:F5	3-E6
RL100	1:C6	1-D7	TP305	1:G5	3-C5
RL100	1:C6	1-D6	TSLOT	1:L7	1-B0
RL101	1:C6	1-D5	X200	1:F4	2-J4
RL101	1:C6	1-D4	BHOLE	2:A7	
RL101	1:C6	1-B2	BSLOT	2:R7	
RL101	1:C6	1-B3			
RL102	1:E6	1-J7			
RL102	1:E6	1-E6			
RL102	1:E6	1-E7			
RL102	1:E6	1-J5			
RL103	1:C6	1-J4			
RL103	1:C6	1-E4			
RL103	1:C6	1-E5			
RL103	1:C6	1-J2			
RL400	1:K3	4-K0			
RL400	1:K3	4-H9			
RL400	1:K3	4-K8			
RL401	1:N3	4-K4			
RL401	1:N3	4-H4			
RL401	1:N3	4-L0			
RV100	1:G2	1-Q5			
RV101	1:N2	1-Q3			
RV102	1:R2	1-Q2			
RV203	1:N2	2-D5			
RV204	1:G2	2-D4			
RV205	1:M2	2-D2			
RV206	1:F2	2-D0			
RV300	1:F6	3-B7			
RV301	1:G5	3-B5			
SK1	1:K7	1-M0			
SW100	1:D6	1-F0			
SW100	1:D6	3-J7			
SW100	1:D6	1-F0			
SW100	1:D6	3-J3			
SW100	1:D6	1-F0			
SW100	1:D6	1-F5			
SW100	1:D6	1-K4			
SW100	1:D6	1-F5			
SW200	1:A2	2-H8			
SW201	1:B3	2-F0			
SW201	1:B3	2-H0			
SW201	1:B3	2-F5			
SW201	1:B3	2-F5			

3 SMD Parts List

Part	IPN	Description	Part	IPN	Description
C100	015-26100-08	CAP 100N 10% 50V X7R	C400	015-26100-08	CAP 100N 10% 50V X7R
C101	015-26100-08	CAP 100N 10% 50V X7R	C401	015-26100-08	CAP 100N 10% 50V X7R
C102	015-26100-08	CAP 100N 10% 50V X7R	C420	015-24100-08	CAP 1N0 5% 50V X7R
C105	016-09100-05	CAP 100U ELEC 25V 20% SIZE 8.5*9.2MM	C421	015-24100-08	CAP 1N0 5% 50V X7R
C105A	016-08100-01	CAP 10U ELEC 16V 4*5.7MM	C422	015-24100-08	CAP 1N0 5% 50V X7R
C105B	015-26100-08	CAP 100N 10% 50V X7R	C423	015-24100-08	CAP 1N0 5% 50V X7R
C106	016-09100-05	CAP 100U ELEC 25V 20% SIZE 8.5*9.2MM	C424	015-24100-08	CAP 1N0 5% 50V X7R
C106A	016-08100-01	CAP 10U ELEC 16V 4*5.7MM	C425	015-24100-08	CAP 1N0 5% 50V X7R
C106B	015-26100-08	CAP 100N 10% 50V X7R	C429	015-24100-08	CAP 1N0 5% 50V X7R
C110	015-24100-08	CAP 1N0 5% 50V X7R	C430	015-24100-08	CAP 1N0 5% 50V X7R
C114	015-24100-08	CAP 1N0 5% 50V X7R	C431	015-24100-08	CAP 1N0 5% 50V X7R
C118	015-24100-08	CAP 1N0 5% 50V X7R	C432	015-24100-08	CAP 1N0 5% 50V X7R
C120	015-25100-08	CAP 10N 10% 50V X7R	C433	015-24100-08	CAP 1N0 5% 50V X7R
C121	015-25100-08	CAP 10N 10% 50V X7R	C436	015-24100-08	CAP 1N0 5% 50V X7R
C122	015-25100-08	CAP 10N 10% 50V X7R	C437	015-24100-08	CAP 1N0 5% 50V X7R
C123	015-25100-08	CAP 10N 10% 50V X7R	C438	015-24100-08	CAP 1N0 5% 50V X7R
C126	015-23100-01	CAP 100P 5% NPO 50V	C439	015-24100-08	CAP 1N0 5% 50V X7R
C127	015-24100-08	CAP 1N0 5% 50V X7R	C440	015-24100-08	CAP 1N0 5% 50V X7R
C128	015-24100-08	CAP 1N0 5% 50V X7R	C441	015-24100-08	CAP 1N0 5% 50V X7R
C131	016-08100-01	CAP 10U ELEC 16V 4*5.7MM	C445	015-24100-08	CAP 1N0 5% 50V X7R
*C160	016-09220-01	CAP 220U ELEC 35V 10.5MM SQ SMD	C446	015-24100-08	CAP 1N0 5% 50V X7R
*C161	016-09100-05	CAP 100U ELEC 25V 20% SIZE 8.5*9.2MM	C447	015-24100-08	CAP 1N0 5% 50V X7R
*C162	016-07100-01	CAP 1U0 ELEC 16V 4*5.7MM	C448	015-24100-08	CAP 1N0 5% 50V X7R
*C163	016-09470-01	CAP 470U ELEC 16V 10.5MM SQ SMD	C449	015-24100-08	CAP 1N0 5% 50V X7R
*C164	016-09100-05	CAP 100U ELEC 25V 20% SIZE 8.5*9.2MM	D100	001-10011-74	DIODE MRA4004T3 PWR RECTIFIER 400V 1A CASE 403B-01
*C165	016-07100-01	CAP 1U0 ELEC 16V 4*5.7MM	D101	001-10011-74	DIODE MRA4004T3 PWR RECTIFIER 400V 1A CASE 403B-01
C200	015-26100-08	CAP 100N 10% 50V X7R	D102	001-10011-74	DIODE MRA4004T3 PWR RECTIFIER 400V 1A CASE 403B-01
C201	015-26100-08	CAP 100N 10% 50V X7R	D103	001-10011-74	DIODE MRA4004T3 PWR RECTIFIER 400V 1A CASE 403B-01
C203	015-26100-08	CAP 100N 10% 50V X7R	D107	001-10011-74	DIODE MRA4004T3 PWR RECTIFIER 400V 1A CASE 403B-01
C220	015-26100-08	CAP 100N 10% 50V X7R	D108	001-10011-74	DIODE MRA4004T3 PWR RECTIFIER 400V 1A CASE 403B-01
C221	015-26100-08	CAP 100N 10% 50V X7R	D109	001-10011-74	DIODE MRA4004T3 PWR RECTIFIER 400V 1A CASE 403B-01
C224	015-24100-08	CAP 1N0 5% 50V X7R	D112	001-10011-74	DIODE MRA4004T3 PWR RECTIFIER 400V 1A CASE 403B-01
C228	015-24470-08	CAP 4N7 10% 50V X7R	D202	001-10000-99	DIODE BAV99 DUAL SW (PIN 3 IS ANODE/CATH)
C229	016-08100-01	CAP 10U ELEC 16V 4*5.7MM	D205	001-10000-99	DIODE BAV99 DUAL SW (PIN 3 IS ANODE/CATH)
C232	015-24470-08	CAP 4N7 10% 50V X7R	D300	008-10065-00	LED HSMG-C650 GREEN SMD
C233	016-08100-01	CAP 10U ELEC 16V 4*5.7MM	D301	008-10065-00	LED HSMG-C650 GREEN SMD
C237	015-22220-01	CAP 22P 5% NPO 50V	D302	008-10065-00	LED HSMG-C650 GREEN SMD
C238	015-22220-01	CAP 22P 5% NPO 50V	D305	001-10000-99	DIODE BAV99 DUAL SW (PIN 3 IS ANODE/CATH)
C243	016-08100-01	CAP 10U ELEC 16V 4*5.7MM	D307	001-10000-99	DIODE BAV99 DUAL SW (PIN 3 IS ANODE/CATH)
C244	016-08100-01	CAP 10U ELEC 16V 4*5.7MM	D311	001-10000-99	DIODE BAV99 DUAL SW (PIN 3 IS ANODE/CATH)
C245	016-08100-01	CAP 10U ELEC 16V 4*5.7MM	D313	001-10000-99	DIODE BAV99 DUAL SW (PIN 3 IS ANODE/CATH)
C246	016-08100-01	CAP 10U ELEC 16V 4*5.7MM	D400	001-10011-74	DIODE MRA4004T3 PWR RECTIFIER 400V 1A CASE 403B-01
C249	015-24100-08	CAP 1N0 5% 50V X7R	D414	001-10011-74	DIODE MRA4004T3 PWR RECTIFIER 400V 1A CASE 403B-01
C253	015-24470-08	CAP 4N7 10% 50V X7R	IC100	002-10040-01	IC 4001BT QUAD 2 I/P NOR
C254	016-08100-01	CAP 10U ELEC 16V 4*5.7MM			
C257	015-24470-08	CAP 4N7 10% 50V X7R			
C258	016-08100-01	CAP 10U ELEC 16V 4*5.7MM			
C320	015-24100-08	CAP 1N0 5% 50V X7R			
C321	015-25470-08	CAP 47N 10% 50V X7R			
C322	015-23100-01	CAP 100P 5% NPO 50V			
C327	015-24100-08	CAP 1N0 5% 50V X7R			
C328	015-24100-08	CAP 1N0 5% 50V X7R			
C331	015-24100-08	CAP 1N0 5% 50V X7R			
C332	015-25470-08	CAP 47N 10% 50V X7R			
C333	015-23100-01	CAP 100P 5% NPO 50V			
C335	016-07100-01	CAP 1U0 ELEC 16V 4*5.7MM			
C338	015-24100-08	CAP 1N0 5% 50V X7R			
C339	015-24100-08	CAP 1N0 5% 50V X7R			

Part	IPN	Description	Part	IPN	Description
IC101	002-10040-01	IC 4001BT QUAD 2 I/P NOR	Q410	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
IC102	002-10227-20	IC TLC2272CD DUAL CMOS OP AMP	Q411	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
IC105	002-10078-08	IC 78L08CD +VE VOLTAGE REG 8V 100MA	Q412	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
IC106	002-10078-05	IC 78L05CD REG 5V 100MA	Q413	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
IC109	002-10340-64	IC MC34064D-5 LOW VOLTAGE INDICATOR	Q414	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
IC110	002-10340-64	IC MC34064D-5 LOW VOLTAGE INDICATOR	Q418	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
IC111	002-10340-64	IC MC34064D-5 LOW VOLTAGE INDICATOR	Q419	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
IC200	240-04020-42	SKT SMD FOR A PLCC44 CHIP CARRIER	Q422	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
IC201	002-10003-24	IC LM324D QUAD OP AMP	Q423	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
IC202	002-10339-00	IC SMD LM339D QUAD COMPARATOR	Q424	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
IC203	002-74900-86	IC 74HC86T QUAD 2I/P EXCLUSIVE-OR GATE	Q425	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
IC204	002-10340-64	IC MC34064D-5 LOW VOLTAGE INDICATOR	Q426	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
IC207	002-10002-32	IC MAX232 / RS232 RECEIVER/ TRANSMITTER	Q427	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
IC300	002-10003-24	IC LM324D QUAD OP AMP	Q428	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
IC301	002-10339-00	IC SMD LM339D QUAD COMPARATOR	Q429	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
IC400	002-74905-95	IC 74HC595S 8-BIT SHIFT REG	Q430	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
IC401	002-74905-95	IC 74HC595S 8-BIT SHIFT REG	Q431	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
Q100	000-10330-60	TRANSISTOR ZVN3306F LOW PWR N-CHAN MOSFET	Q432	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER
Q101	000-10330-60	TRANSISTOR ZVN3306F LOW PWR N-CHAN MOSFET	R105	036-14470-10	RES 4K7 1%
Q102	000-10330-60	TRANSISTOR ZVN3306F LOW PWR N-CHAN MOSFET	R106	036-14220-00	RES 2K2 5%
Q103	000-10330-60	TRANSISTOR ZVN3306F LOW PWR N-CHAN MOSFET	R120	036-16100-10	RES 100K 1%
Q106	000-10008-57	TRANSISTOR BCW70/BC857 PNP AF SMALL SIG	R121	036-16100-10	RES 100K 1%
Q107	000-10330-60	TRANSISTOR ZVN3306F LOW PWR N-CHAN MOSFET	R127	036-16100-10	RES 100K 1%
Q200	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER	R128	036-16100-10	RES 100K 1%
Q201	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER	R135	036-15470-10	RES 47K 1%
Q202	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER	R136	036-15470-10	RES 47K 1%
Q300	000-10008-57	TRANSISTOR BCW70/BC857 PNP AF SMALL	R137	036-15470-10	RES 47K 1%
Q301	000-10008-57	TRANSISTOR BCW70/BC857 PNP AF SMALL	R138	036-15470-10	RES 47K 1%
Q302	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER	R139	036-16100-10	RES 100K 1%
Q303	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER	R140	036-15470-10	RES 47K 1%
Q307	000-10008-57	TRANSISTOR BCW70/BC857 PNP AF SMALL	R141	036-15470-10	RES 47K 1%
Q308	000-10008-57	TRANSISTOR BCW70/BC857 PNP AF SMALL	R142	036-15100-10	RES 10K 1%
Q309	000-10008-57	TRANSISTOR BCW70/BC857 PNP AF SMALL	R143	036-15100-10	RES 10K 1%
Q310	000-10008-57	TRANSISTOR BCW70/BC857 PNP AF SMALL	R146	036-15100-10	RES 10K 1%
Q400	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER	R147	036-14390-10	RES 3K9 1%
Q401	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER	R148	036-16100-10	RES 100K 1%
Q404	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER	R149	036-15470-10	RES 47K 1%
Q405	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER	R152	036-15100-10	RES 10K 1%
Q406	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER	R153	036-14390-10	RES 3K9 1%
Q407	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER	R157	036-15100-10	RES 10K 1%
Q408	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER	R158	036-13470-00	RES 470 5%
Q409	000-10008-17	TRANSISTOR BCX19/BC817 NPN AF LOW POWER	R159	036-14390-10	RES 3K9 1%
			R220	036-16100-10	RES 100K 1%
			R221	036-16100-10	RES 100K 1%
			R224	036-15100-10	RES 10K 1%
			R228	036-15100-10	RES 10K 1%
			R229	036-14100-10	RES 1K0 1%
			R230	036-14150-10	RES 1K5 1%
			R233	036-15100-10	RES 10K 1%
			R234	036-15100-10	RES 10K 1%
			R235	036-15100-10	RES 10K 1%
			R236	036-15100-10	RES 10K 1%
			R237	036-15100-10	RES 10K 1%
			*R238	036-15220-00	RES 22K 5%
			R239	036-15220-00	RES 22K 5%
			R243	036-15470-10	RES 47K 1%

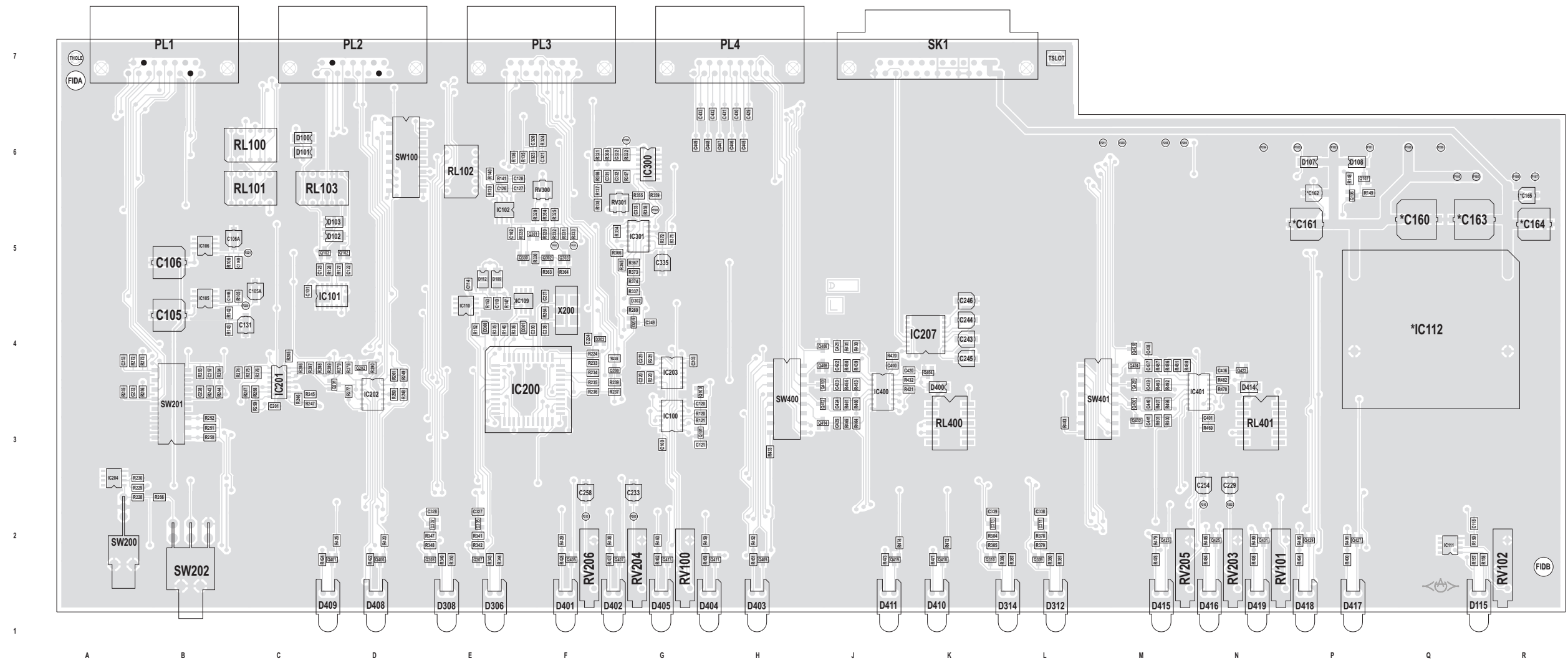
Part	IPN	Description	Part	IPN	Description
R244	036-15470-10	RES 47K 1%	R366	036-16180-00	RES 180K 5%
R245	036-15220-00	RES 22K 5%	R367	036-16180-00	RES 180K 5%
R246	036-16100-10	RES 100K 1%	R368	036-14100-10	RES 1K0 1%
R247	036-16100-10	RES 100K 1%	R371	036-14150-10	RES 1K5 1%
R248	036-16220-00	RES 220K 5%	R372	036-14560-00	RES 5K6 5%
R249	036-15100-10	RES 10K 1%	R373	036-14100-10	RES 1K0 1%
R250	036-15100-10	RES 10K 1%	R374	036-16180-00	RES 180K 5%
R251	036-15100-10	RES 10K 1%	R378	036-15220-00	RES 22K 5%
R252	036-15100-10	RES 10K 1%	R379	036-15100-10	RES 10K 1%
R255	036-15470-10	RES 47K 1%	R380	036-14470-10	RES 4K7 1%
R256	036-15470-10	RES 47K 1%	R381	036-14150-10	RES 1K5 1%
R257	036-15220-00	RES 22K 5%	R384	036-15470-10	RES 47K 1%
R258	036-16100-10	RES 100K 1%	R385	036-15470-10	RES 47K 1%
R259	036-16100-10	RES 100K 1%	R386	036-14470-10	RES 4K7 1%
R260	036-16220-00	RES 220K 5%	R387	036-14150-10	RES 1K5 1%
R261	036-15100-10	RES 10K 1%	R420	036-14100-10	RES 1K0 1%
R264	036-17220-00	RES 2M2 5%	R421	036-14100-10	RES 1K0 1%
R266	036-15100-10	RES 10K 1%	R422	036-14150-10	RES 1K5 1%
R269	036-15220-00	RES 22K 5%	R423	036-15100-10	RES 10K 1%
R272	036-15470-10	RES 47K 1%	R424	036-14150-10	RES 1K5 1%
R273	036-15470-10	RES 47K 1%	R425	036-15100-10	RES 10K 1%
R274	036-16100-10	RES 100K 1%	R428	036-14150-10	RES 1K5 1%
R275	036-16100-10	RES 100K 1%	R429	036-14100-10	RES 1K0 1%
R276	036-16100-10	RES 100K 1%	R430	036-15100-10	RES 10K 1%
R277	036-16220-00	RES 220K 5%	R431	036-14470-10	RES 4K7 1%
R278	036-15100-10	RES 10K 1%	R432	036-14470-10	RES 4K7 1%
R279	036-15470-10	RES 47K 1%	R433	036-14100-10	RES 1K0 1%
R283	036-15470-10	RES 47K 1%	R437	036-14150-10	RES 1K5 1%
R284	036-15470-10	RES 47K 1%	R438	036-14100-10	RES 1K0 1%
R285	036-16100-10	RES 100K 1%	R439	036-15100-10	RES 10K 1%
R286	036-16100-10	RES 100K 1%	R450	036-14470-10	RES 4K7 1%
R287	036-16100-10	RES 100K 1%	R451	036-14150-10	RES 1K5 1%
R288	036-16220-00	RES 220K 5%	R452	036-14100-10	RES 1K0 1%
R289	036-15100-10	RES 10K 1%	R453	036-15100-10	RES 10K 1%
R290	036-15470-10	RES 47K 1%	R454	036-14470-10	RES 4K7 1%
R320	036-14470-10	RES 4K7 1%	R458	036-14150-10	RES 1K5 1%
R321	036-16220-00	RES 220K 5%	R459	036-14100-10	RES 1K0 1%
R322	036-16220-00	RES 220K 5%	R460	036-15100-10	RES 10K 1%
R323	036-15470-10	RES 47K 1%	R461	036-14470-10	RES 4K7 1%
R324	036-16100-10	RES 100K 1%	R462	036-14150-10	RES 1K5 1%
R325	036-14470-10	RES 4K7 1%	R463	036-14100-10	RES 1K0 1%
R328	036-14100-10	RES 1K0 1%	R464	036-15100-10	RES 10K 1%
R329	036-14100-10	RES 1K0 1%	R465	036-14470-10	RES 4K7 1%
R330	036-15120-00	RES 12K 5%	R469	036-14100-10	RES 1K0 1%
R331	036-14100-10	RES 1K0 1%	R470	036-14100-10	RES 1K0 1%
R332	036-14100-10	RES 1K0 1%	R471	036-14150-10	RES 1K5 1%
R333	036-14100-10	RES 1K0 1%	R472	036-15100-10	RES 10K 1%
R334	036-16180-00	RES 180K 5%	R473	036-14150-10	RES 1K5 1%
R335	036-14330-10	RES 3K3 1%	R474	036-15100-10	RES 10K 1%
R336	036-14330-10	RES 3K3 1%	R478	036-14150-10	RES 1K5 1%
R337	036-14330-10	RES 3K3 1%	R479	036-14100-10	RES 1K0 1%
R341	036-15220-00	RES 22K 5%	R480	036-15100-10	RES 10K 1%
R342	036-15100-10	RES 10K 1%	R481	036-14470-10	RES 4K7 1%
R343	036-14470-10	RES 4K7 1%	R482	036-14470-10	RES 4K7 1%
R344	036-14150-10	RES 1K5 1%	R483	036-14100-10	RES 1K0 1%
R347	036-15470-10	RES 47K 1%	R484	036-14150-10	RES 1K5 1%
R348	036-15470-10	RES 47K 1%	R485	036-14100-10	RES 1K0 1%
R349	036-14470-10	RES 4K7 1%	R486	036-15100-10	RES 10K 1%
R350	036-14150-10	RES 1K5 1%	R487	036-14470-10	RES 4K7 1%
R354	036-14470-10	RES 4K7 1%	R490	036-14150-10	RES 1K5 1%
R355	036-16220-00	RES 220K 5%	R491	036-14100-10	RES 1K0 1%
R356	036-15470-10	RES 47K 1%	R492	036-15100-10	RES 10K 1%
R357	036-16100-10	RES 100K 1%	R493	036-14470-10	RES 4K7 1%
R358	036-16220-00	RES 220K 5%	R494	036-14150-10	RES 1K5 1%
R359	036-14470-10	RES 4K7 1%	R495	036-14100-10	RES 1K0 1%
R363	036-14100-10	RES 1K0 1%	R496	036-15100-10	RES 10K 1%
R364	036-14100-10	RES 1K0 1%	R497	036-14470-10	RES 4K7 1%
R365	036-14100-10	RES 1K0 1%	R498	036-14150-10	RES 1K5 1%

Part	IPN	Description
R499	036-14100-10	RES 1K0 1%
R500	036-15100-10	RES 10K 1%
R501	036-14470-10	RES 4K7 1%
RL400	237-10010-00	RLY DPDT 1-2A/12V DIL 10PIN SMD AS-12W-K-B05
RL401	237-10010-00	RLY DPDT 1-2A/12V DIL 10PIN SMD AS-12W-K-B05
RV300	042-04500-05	TRIM POT 5K +/-25% 5MM SQUARE SMD CERMET
RV301	042-04500-05	TRIM POT 5K +/-25% 5MM SQUARE SMD CERMET
SW100	230-10010-44	SW X 8 SPST
SW201	230-10010-44	SW X 8 SPST
SW400	230-10010-44	SW X 8 SPST
SW401	230-10010-44	SW X 8 SPST
X200	274-10004-00	CRYSTAL 4.032MHZ +/-10PPM

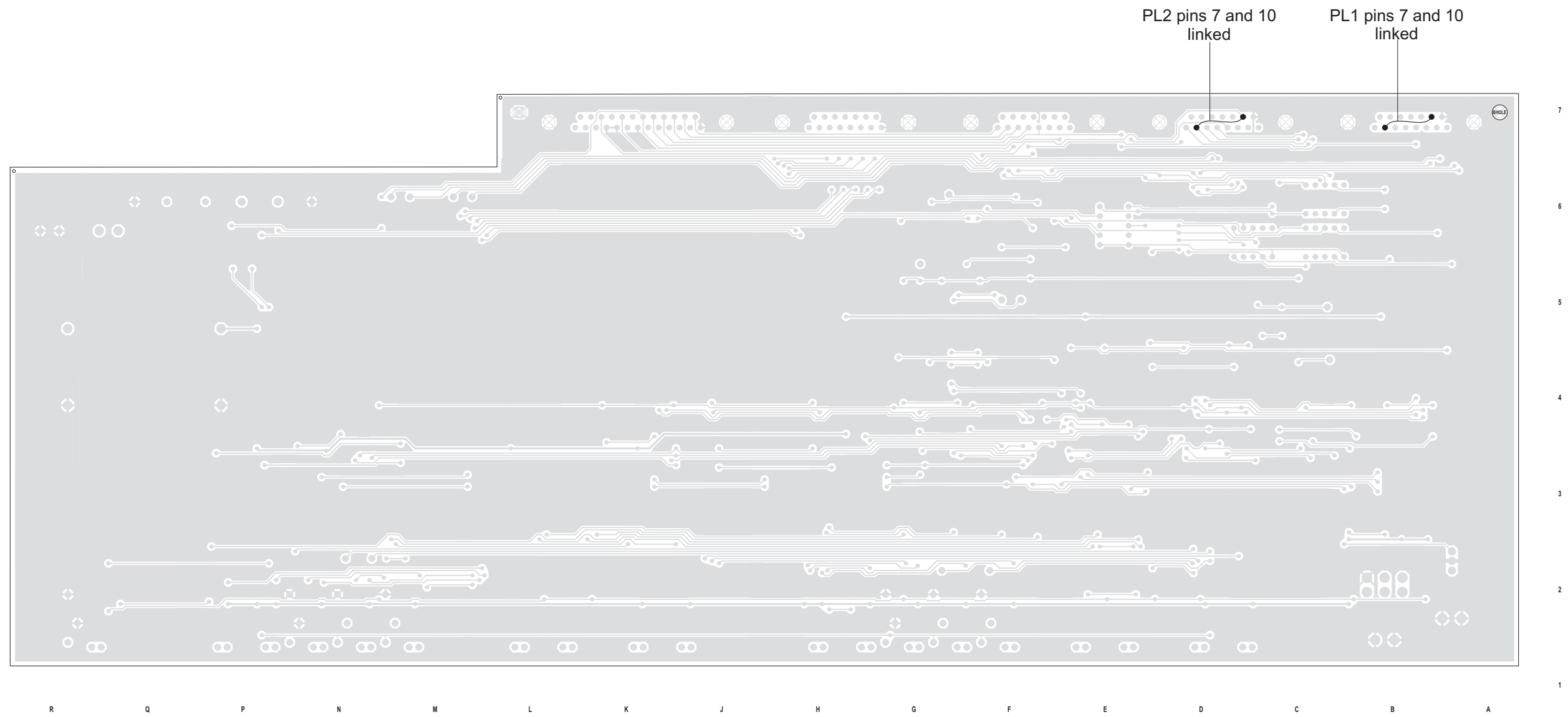
4 Non-SMD Parts List

Part	IPN	Description	Part	IPN	Description
D115	008-00014-74	LED HLMP5030 RED MTG IN A RIGHT ANGLE HOLDER 5MM	P220	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION
D306	008-00014-73	LED HLMP5050 GREEN MTG IN A RT ANGLE HOLDER 5MM	P221	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION
D308	008-00014-73	LED HLMP5050 GREEN MTG IN A RT ANGLE HOLDER 5MM	PL1	240-00010-53	PLUG 15WAY RIGHT ANGLE SIDE ENTRY DRANGE
D312	008-00014-73	LED HLMP5050 GREEN MTG IN A RT ANGLE HOLDER 5MM	PL2	240-00010-53	PLUG 15WAY RIGHT ANGLE SIDE ENTRY DRANGE
D314	008-00014-73	LED HLMP5050 GREEN MTG IN A RT ANGLE HOLDER 5MM	PL3	240-00010-53	PLUG 15WAY RIGHT ANGLE SIDE ENTRY DRANGE
D401	008-00014-74	LED HLMP5030 RED MTG IN A RIGHT ANGLE HOLDER 5MM	PL4	240-00010-53	PLUG 15WAY RIGHT ANGLE SIDE ENTRY DRANGE
D402	008-00014-74	LED HLMP5030 RED MTG IN A RIGHT ANGLE HOLDER 5MM	RL100	237-00010-37	RELAY TQ2L2 4V5 SPDT 2 COIL LATCHING 200MW PTH
D403	008-00014-74	LED HLMP5030 RED MTG IN A RIGHT ANGLE HOLDER 5MM	RL101	237-00010-37	RELAY TQ2L2 4V5 SPDT 2 COIL LATCHING 200MW PTH
D404	008-00014-74	LED HLMP5030 RED MTG IN A RIGHT ANGLE HOLDER 5MM	RL102	237-00010-37	RELAY TQ2L2 4V5 SPDT 2 COIL LATCHING 200MW PTH
D405	008-00014-74	LED HLMP5030 RED MTG IN A RIGHT ANGLE HOLDER 5MM	RL103	237-00010-37	RELAY TQ2L2 4V5 SPDT 2 COIL LATCHING 200MW PTH
D408	008-00014-75	LED HLMP5040 YELLOW 5mm RT ANGLE PCB MTG	RV100	044-05100-01	POT 10K LIN 15 TURNS COPAL CT-20P SIDE ADJUST
D409	008-00014-75	LED HLMP5040 YELLOW 5mm RT ANGLE PCB MTG	RV101	044-05100-01	POT 10K LIN 15 TURNS COPAL CT-20P SIDE ADJUST
D410	008-00014-75	LED HLMP5040 YELLOW 5mm RT ANGLE PCB MTG	RV102	044-05100-01	POT 10K LIN 15 TURNS COPAL CT-20P SIDE ADJUST
D411	008-00014-75	LED HLMP5040 YELLOW 5mm RT ANGLE PCB MTG	RV203	044-05100-01	POT 10K LIN 15 TURNS COPAL CT-20P SIDE ADJUST
D415	008-00014-74	LED HLMP5030 RED MTG IN A RIGHT ANGLE HOLDER 5MM	RV204	044-05100-01	POT 10K LIN 15 TURNS COPAL CT-20P SIDE ADJUST
D416	008-00014-74	LED HLMP5030 RED MTG IN A RIGHT ANGLE HOLDER 5MM	RV205	044-05100-01	POT 10K LIN 15 TURNS COPAL CT-20P SIDE ADJUST
D417	008-00014-74	LED HLMP5030 RED MTG IN A RIGHT ANGLE HOLDER 5MM	RV206	044-05100-01	POT 10K LIN 15 TURNS COPAL CT-20P SIDE ADJUST
D418	008-00014-74	LED HLMP5030 RED MTG IN A RIGHT ANGLE HOLDER 5MM	SK1	240-02010-59	SOCKET 25WAY RIGHT ANGLE SIDE ENTRY DRANGE
D419	008-00014-74	LED HLMP5030 RED MTG IN A RIGHT ANGLE HOLDER 5MM	SW200	232-00010-26	SWITCH SPDT PUSH MOMENTARY RIGHT ANGLE
IC1	002-20068-07	IC MC68HC705C8FN 1-TIME PROG MICRO (MECH PART)	SW202	230-00010-30	SWITCH SPDT TOGGLE RT ANGLE PCB MTG
*IC112	005-01205-00	MODULE PP101205 DC-DC CONVERTER 12-5V 2A 10W	TP300	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION
P100	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION	TP301	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION
P101	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION	TP302	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION
P102	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION	TP305	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION
P103	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION			
P105	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION			
P106	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION			
P107	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION			
P108	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION			
P200	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION			
P202	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION			
P203	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION			
P204	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION			
P205	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION			
P208	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION			
P209	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION			
P210	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION			
P211	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION			
P213	I/O-PAD	PAD HOLE FOR OFF BOARD WIRE CONNECTION			

PCB Layout (Top Side)



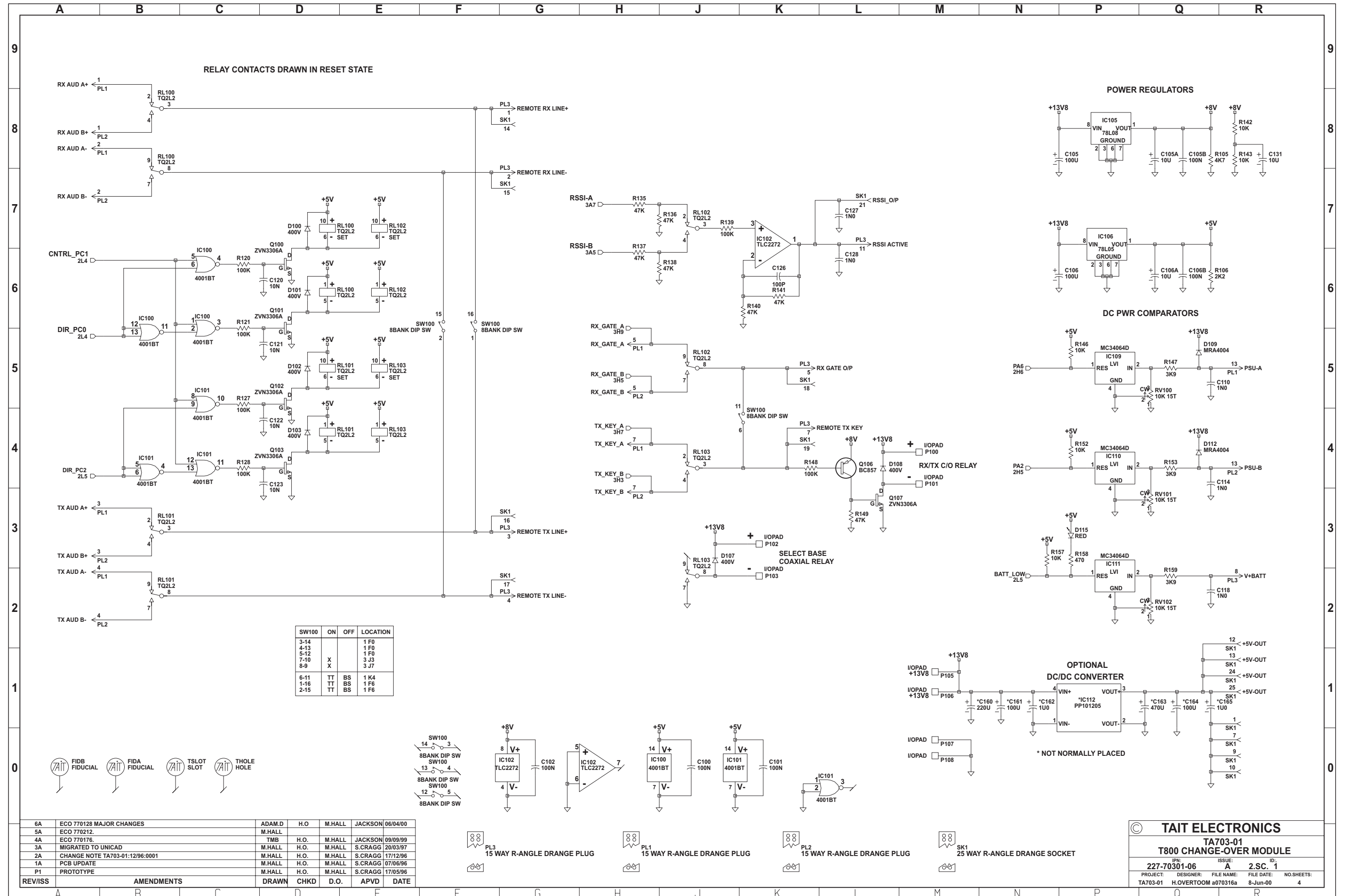
PCB Layout (Bottom Side - Modified)



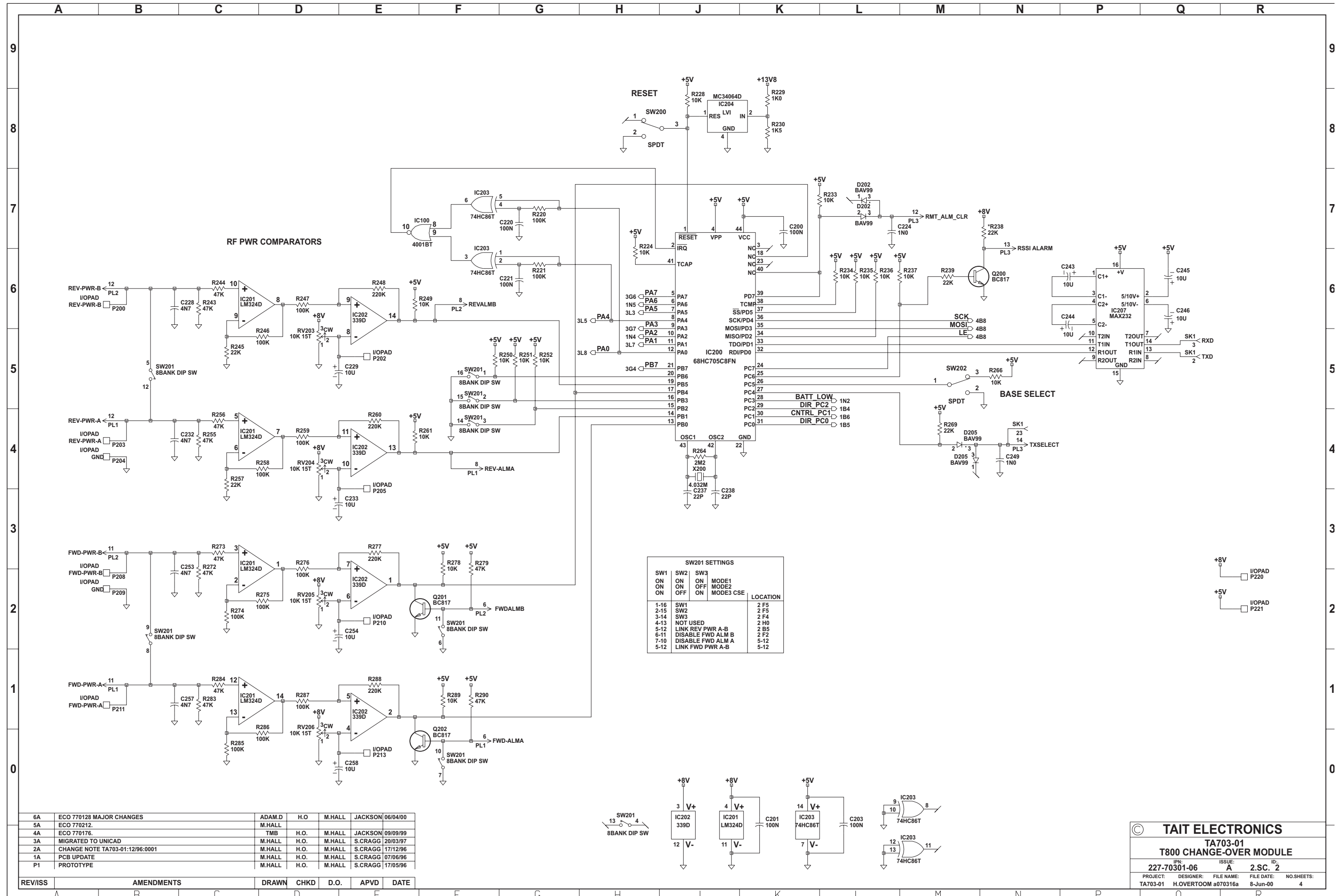
Note: Link modifications use the following parts:

Part	IPN	Description
Wire links	937-00079-01	WIRE WRAPPING 30 AWG 150V GRN

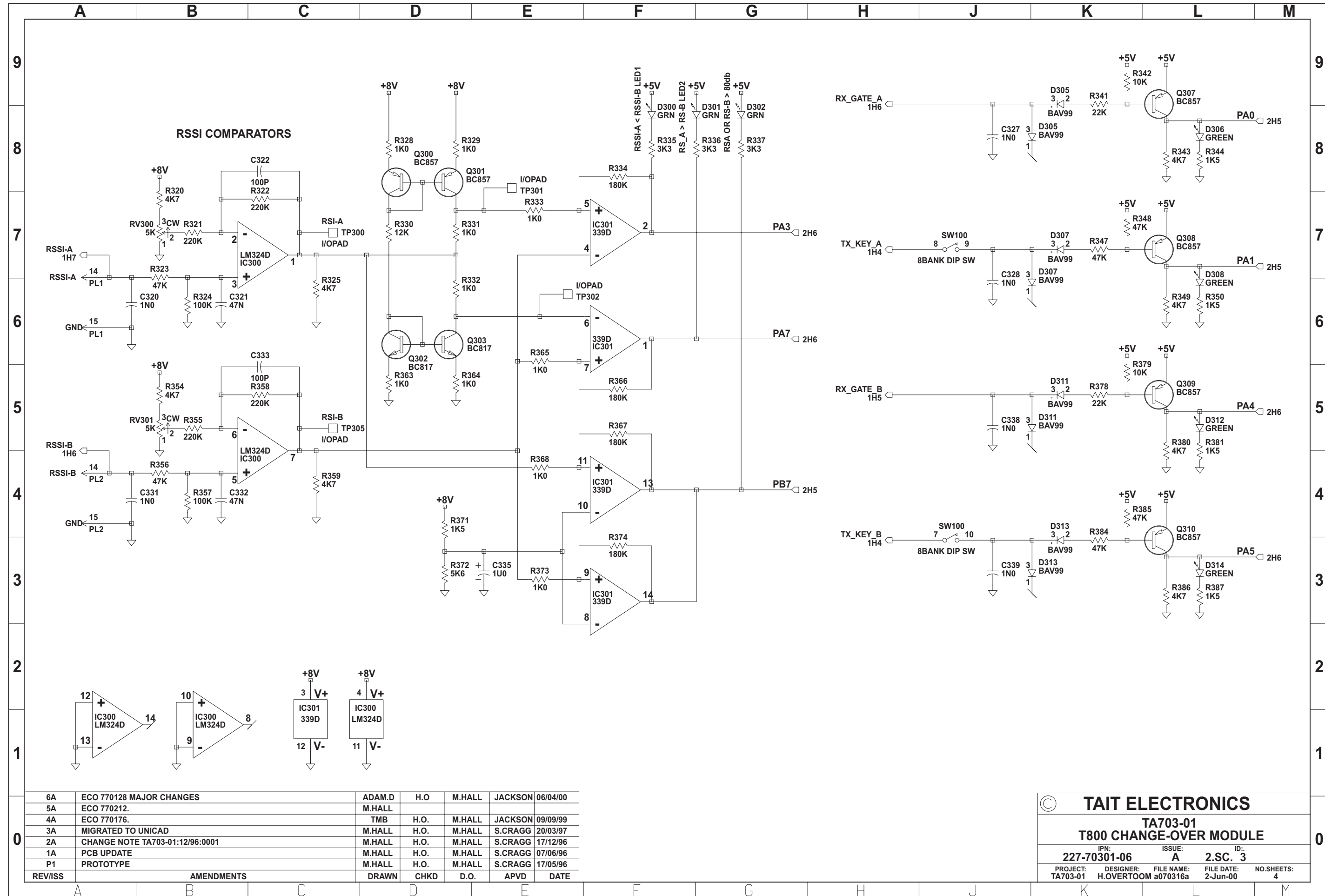
Circuit Diagram (Page 1 of 4)



Circuit Diagram (Page 2 of 4)



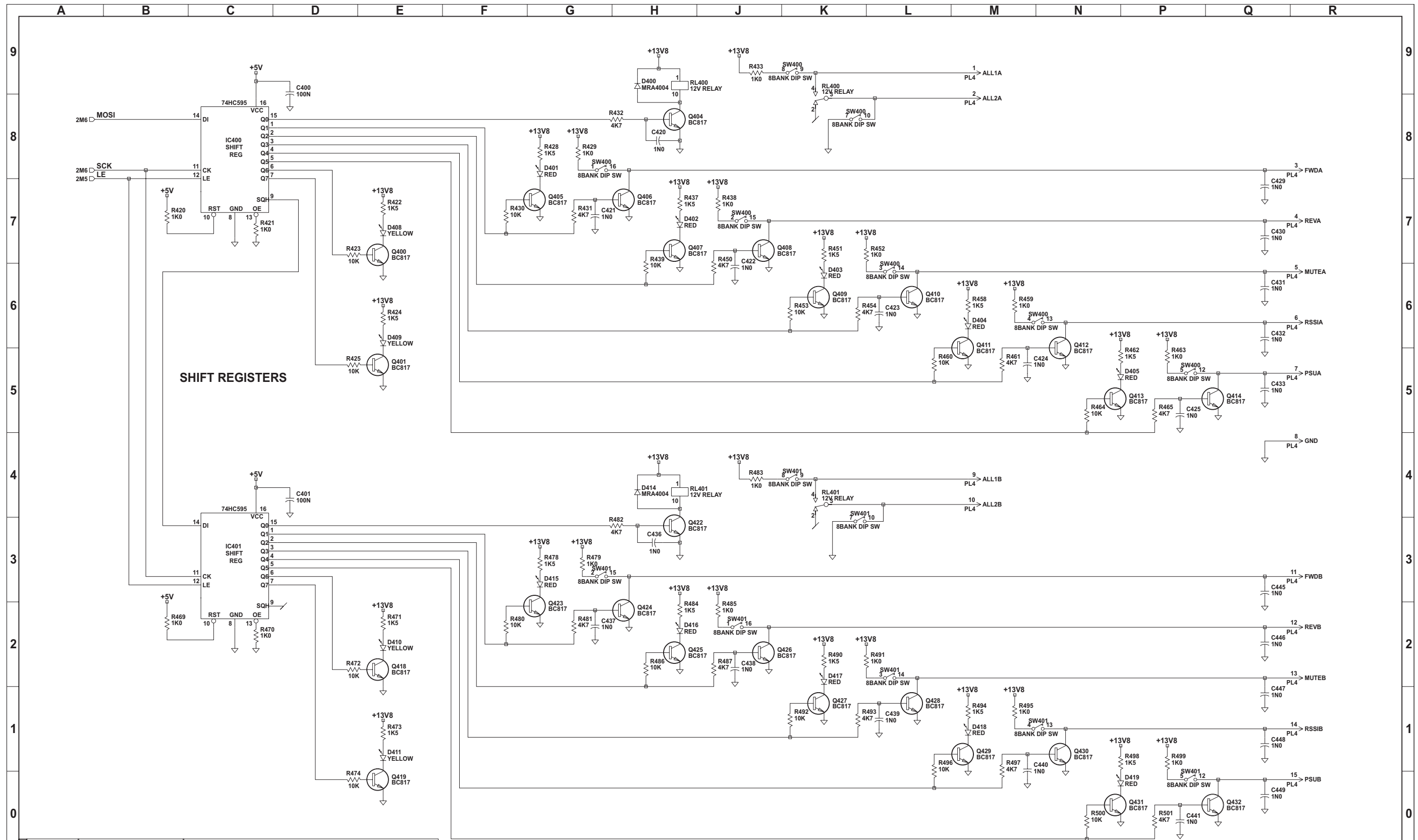
Circuit Diagram (Page 3 of 4)



6A	ECO 770128 MAJOR CHANGES	ADAM.D	H.O.	M.HALL	JACKSON	06/04/00
5A	ECO 770212.	M.HALL				
4A	ECO 770176.	TMB	H.O.	M.HALL	JACKSON	09/09/99
3A	MIGRATED TO UNICAD	M.HALL	H.O.	M.HALL	S.CRAGG	20/03/97
2A	CHANGE NOTE TA703-01:12/96:0001	M.HALL	H.O.	M.HALL	S.CRAGG	17/12/96
1A	PCB UPDATE	M.HALL	H.O.	M.HALL	S.CRAGG	07/06/96
P1	PROTOTYPE	M.HALL	H.O.	M.HALL	S.CRAGG	17/05/96
REV/ISS	AMENDMENTS	DRAWN	CHKD	D.O.	APVD	DATE

TAIT ELECTRONICS			
TA703-01			
T800 CHANGE-OVER MODULE			
IPN:	ISSUE:	ID:	
227-70301-06	A	2.SC. 3	
PROJECT:	DESIGNER:	FILE NAME:	FILE DATE:
TA703-01	H.OVERTOOM	a070316a	2-Jun-00
NO.SHEETS:			
4			

Circuit Diagram (Page 4 of 4)



QTY: 1.0 | IPN: 002-20068-07 | IC MC68HC705C8FN 1-TIME PROG MICRO (MECH PART)

6A	ECO 770128 MAJOR UPDATES	ADAM.D	H.O.	M.HALL	JACKSON	06/04/00
5A	ECO 770212.	M.HALL				
4A	ECO 770176.	TMB	H.O.	M.HALL	JACKSON	09/09/99
3A	MIGRATED TO UNICAD	M.HALL	H.O.	M.HALL	S.CRAGG	20/03/97
2A	CHANGE NOTE TA703-01:12/96:0001	M.HALL	H.O.	M.HALL	S.CRAGG	17/12/96
1A	PCB UPDATE	M.HALL	H.O.	M.HALL	S.CRAGG	07/06/96
P1	PROTOTYPE	M.HALL	H.O.	M.HALL	S.CRAGG	17/05/96
REV/ISS	AMENDMENTS	DRAWN	CHKD	D.O.	APVD	DATE



TAIT ELECTRONICS

TA703-01
T800 CHANGE-OVER MODULE

IPN: 227-70301-06 | ISSUE: A | ID: 2.S.C. 4

PROJECT: TA703-01 | DESIGNER: H.OVERTOORN | FILE NAME: a070316a | FILE DATE: 2-Jun-00 | NO.SHEETS: 4

