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/

/1 SUITE : P.C.B. LAYOUT
/2 PROGRAM TITLE : REDAL23 MARK2
/3 ROUTINE TITLE :
/
/4 AUTHOR :
/5 DATE :
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/6 PURPOSE :
/
/
/7 CALLING SEQUENCE AND DESCRIPTION OF ARGUMENTS :
/
/8 I/O DEVICES AND FUNCTIONS :
/
/9 REGISTERS USED :
/
/10 EXTERNAL COMMON AREAS :
/
/11 INTERNAL COMMON AREAS :
/
/12 EXTERNAL GLOBALS :
/
/13 INTERNAL GLOBALS :
/
/14 CONDITIONAL ASSEMBLY PARAMETERS :
/
/15 METHOD :
/
/16 AMENDMENTS :
/

PAGE	2	MESS1	SRC	MESS1
44				.TITLE MESS1
45				.GLOBL MESS1,MESS2
46	00000	R	000000	A PSBAD .CBD PUSB 1
47	00001	R	740040	A MESS1,XX
48	00002	R	723777	A AAC -1
49	00003	R	060156	R DAC* (11 /ADDR OF Y,NAME AND SRG.
50	00004	R	220011	A LAC* 11
51	00005	R	040155	R DAC Y#
52	00006	R	220011	A LAC* 11
53	00007	R	040153	R DAC NAME
54	00010	R	641002	A LACQ
55	00011	R	040150	R TAG1 DAC BUFFAD# /OUTPUT BUFFER
56	00012	R	360150	R TAD* BUFFAD
57	00013	R	540150	R SAD BUFFAD /CHECK FOR NEW BUFFER
58	00014	R	723004	A AAC 4
59	00015	R	723776	A AAC -2
60	00016	R	060157	R DAC* (12 /SET UP FOR FILLING
61	00017	R	200150	R LAC BUFFAD
62	00020	R	723002	A AAC 2
63	00021	R	040152	R DAC D.2# /FULL ADDRESS OF BUFF+2
64	00022	R	723777	A AAC -1
65	00023	R	500160	R AND (17777 /13 BIT ADDRESS OF BUFF+1
66	00024	R	040151	R DAC D.1#
67	00025	R	340161	R TAD (620000
68	00026	R	060152	R DAC* D.2 /SET UP RETURN JMP
69	00027	R	200155	R LAC Y
70	00030	R	340162	R TAD (140000
71	00031	R	060012	A DAC* 12 /YPOS.
72	00032	R	200163	R LAC (144000
73	00033	R	060012	A DAC* 12 /XPOSITION
74	00034	R	140154	R DZM NFALG# /INDICATOR FOR NAME
75	00035	R	200153	R LAC NAME
76	00036	R	741200	A SNA
77	00037	R	600050	R JMP .+11
78	00040	R	340164	R TAD (234400
79	00041	R	060012	A DAC* 12 /NAME PARAMETER
80	00042	R	200165	R LAC (10000
81	00043	R	040154	R DAC NFALG
82	00044	R	200166	R LAC (40
83	00045	R	060012	A DAC* 12
84	00046	R	060012	A DAC* 12
85	00047	R	060012	A DAC* 12
86	00050	R	220011	A LUP LAC* 11
87	00051	R	652000	A LMQ
88	00052	R	640607	A LLS 7
89	00053	R	100072	R JMS PACK
90	00054	R	640607	A LLS 7
91	00055	R	100072	R JMS PACK
92	00056	R	640604	A LLS 4
93	00057	R	040153	R DAC NAME
94	00060	R	220011	A LAC* 11
95	00061	R	652000	A LMQ

PAGE	3	MESS1	SRC	MESS1
96		00062	R 200153 R	LAC NAME
97		00063	R 640603 A	LLS 3
98		00064	R 100072 R	JMS PACK
99		00065	R 640607 A	LLS 7
100		00066	R 100072 R	JMS PACK
101		00067	R 640607 A	LLS 7
102		00070	R 100072 R	JMS PACK
103		00071	R 600050 R	JMP LUP
104				/
105				/
106				/
107		00072	R 740040 A	PACK XX
108		00073	R 500167 R	AND (177
109		00074	R 741200 A	SNA
110		00075	R 620072 R	JMP* PACK /NULL
111		00076	R 540170 R	SAD (54 /,
112		00077	R 600107 R	JMP CR
113		00100	R 540171 R	SAD (137
114		00101	R 600116 R	JMP END /_
115		00102	R 540172 R	SAD (175
116		00103	R 600116 R	JMP END /ALT MODE
117		00104	R 340154 R	TAD NFALG /SET VISIBLE IF NAMED
118		00105	R 060012 A	DAC* 12
119		00106	R 620072 R	JMP* PACK
120		00107	R 200157 R	CR LAC (12
121		00110	R 060012 A	DAC* 12
122		00111	R 200173 R	LAC (15
123		00112	R 060012 A	DAC* 12
124		00113	R 200166 R	LAC (40
125		00114	R 060012 A	DAC* 12
126		00115	R 620072 R	JMP* PACK
127		00116	R 200174 R	END LAC (210016
128		00117	R 060012 A	DAC* 12 /OFFSET OFF LITEPEN ON
129		00120	R 200151 R	LAC D.1
130		00121	R 340161 R	TAD (620000
131		00122	R 060012 A	DAC* 12
132		00123	R 200150 R	LAC BUFFAD
133		00124	R 740031 A	TCA
134		00125	R 360157 R	TAD* (12
135		00126	R 060150 R	DAC* BUFFAD /NUMBER OF WORDS
136		00127	R 200175 R	LAC (210017 /LP ON OFFSET IN
137		00130	R 060152 R	DAC* D.2
138		00131	R 620001 R	JMP* MESS1
139				/
140				/
141				/
142		00132	R 740040 A	MESS2 XX /FORTRAN CALLABLE
143		00133	R 200000 R	LAC PSBAD
144		00134	R 040150 R	DAC BUFFAD
145		00135	R 160150 R	DZM* BUFFAD /SET BUFFER TO ZERO
146		00136	R 200176 R	LAC (1750 /MESSAGE POS=1000
147		00137	R 040155 R	DAC Y

PAGE	4	MESS1	SRC	MESS1
148		00140	R 140153 R	DZM NAME#
149		00141	R 200132 R	LAC MESS2
150		00142	R 040001 R	DAC MESS1
151		00143	R 723004 A	AAC 4
152		00144	R 500177 R	AND (77777
153		00145	R 060156 R	DAC* (11
154		00146	R 200150 R	LAC BUFFAD
155		00147	R 600011 R	JMP TAG1
156			000000 A	.END
		00156	R 000011 A	*L
		00157	R 000012 A	*L
		00160	R 017777 A	*L
		00161	R 620000 A	*L
		00162	R 140000 A	*L
		00163	R 144000 A	*L
		00164	R 234400 A	*L
		00165	R 010000 A	*L
		00166	R 000040 A	*L
		00167	R 000177 A	*L
		00170	R 000054 A	*L
		00171	R 000137 A	*L
		00172	R 000175 A	*L
		00173	R 000015 A	*L
		00174	R 210016 A	*L
		00175	R 210017 A	*L
		00176	R 001750 A	*L
		00177	R 077777 A	*L
			SIZE=00200	NO ERROR LINES

BUFFAD	00150	55	56	57	61	132	135	144	145
		154							
CR	00107	112	120*						
D.1	00151	66	129						
D.2	00152	63	68	137					
END	00116	114	116	127*					
LUP	00050	86*	103						
MESS1	00001	44	45	47*	138	150			
MESS2	00132	45	142*	149					
NAME	00153	53	75	93	96	148			
NFALG	00154	74	81	117					
PACK	00072	89	91	98	100	102	107*	110	119
		126							
PSBAD	00000	46*	143						
TAG1	00011	55*	155						
Y	00155	51	69	147					