

毛主席语录

抓革命，促生产，促工作，促战备。

鼓足干劲，力争上游，多快好省地建设社会主义。

中国人民有志气，有能力，一定要在不远的将来赶上和超过世界先进水平。

使用方法

一. 查順序索引：

1. 查首先在索引中找到欲更的电子管型号，查出其分组编号。
2. 按分组编号在等效管分组中找到可代用的电子管。

二.

1. 注意事項：管的性能不尽相同，故代用前須再查对有关由于管子电

2. 由于同组管灯丝电压，灯丝电流不全相同，有些可用由于灯丝串联电路中，有些则可用由于灯丝串联电路都可。

3. 某些管子的管座不相同，代用时须更换。

國產由二卷索引

型號	編號	型號	編號				
1A2	1491	5Z4P	249	6C31B-Q	1721	6J8P	1606
B2	23	5Z5P	1601	6C32B-Q	1722	6J9	1606
C1A-Q	1661	5Z8P	1602	6D3D	8	6J20	1607
1C38A-Q	1662	5Z9P	1478	6D4J	1496	6J23	1700
1K2	38	5Z10P	248	6D6A	1603	6K1B	1610
1Z1	1616	6A2	192	6D8D	101	6K3P	377
1Z1B	1697	6A7P	359	6E1	1718	6K4	179
1Z2B	70	6B8P	115	6E2	222	6K5	179
1Z2G	70	6C1	1515	6E5P	1711	6K6	1501
1Z7P	69	6C1J	74	6G2	519	6K7	173
1Z11	72	6C3	1715	6G2P	114	6K19	1608
2D1P	1598	6C4	1716	6F1	494	6N1	1609
2J14B	1592	6C5D	651	6F2	147	6N2	1541
2J27	1594	6C5P	515	6F3	148	6N3	348
2J27S	1593	6C6B	1617	6F4	1503	6N5P	145
2P2	1492	6C8P	644	6F5	1712	6N6	1611
2P3	58	6C9D	1663	6H2	157	6N7P	341
2P19B	1595	6C10D	1663	6H2-Q	108	6N8P	133
2P29	1597	6C12	1705	6H2-T	108	6N9P	134
2P29B	1596	6C13T	1719	6H6P	1717	6N11	87
2Z2P	477	6C14T	1720	6H7B-Q	107	6N12P	1272
3Z1P	1698	6C19	1704	6J1	355	6N13P	145
4J1S	1599	6C20P	1516	6J1B	181	6N14	1428
4P1S	1600	6C21D	1710	6J2	1498	6N15	143
5S138	1089	6C22D	1348	6J2B	345	6N16B	1612
5Z2P	362	6C23D	1347	6J4	1497	6N17B	1613
5Z3PA	248	6C24D	52	6J4P	182	6P1	213
				6J5	180	6P3P	198
				6J6	1604	6P6P	195
					386	6P9P	1614
					1475	6P12P	1706

6P13P	1616	13SJ38D	1652	FD-422	1022	FU-32T	1732
6P14	210	13SJ38J	1651	FM-3	1637	FU-33	776
6P15	217	13SJ50A	1753	FM-5F	1725	FU-46	833
6P25B	501	13SJ50D	1753	FM-7F	1532	FU-50	1499
6P32P	198	13SJ50J	1753	FM-8	1726	FU-60F	877
6U1	154	18SS35	328	FM-11F	1533	FU-60Z	877
6U2	1714	23SS34	1526	FM-12F	1534	FU-80	1493
6U1	1265	23SX5B	1754	FM-14	1727	FU-81	1650
6Z4	246	23SX41	1626	FM-30	678	FU-89F	787
6Z5F	242	31SS32	1527	FM-30F	1728	FU-89S	1494
6Z18	240	31SS36Q	1755	FM-31	1591	FU-100F	1733
6Z4-Q	1639	35SX2B	1627	FM-70F	1537	FU-101F	1734
6Z19	233	CKM-22-26	1646	FM-100	1733	FU-103Z	1735
6Z20P	1619	CKM-30	1657	FU-5	731	FU-104Z	1736
73155	1620	CKM-35-57	1656	FU-5F	1643	FU-105Z1	1737
8511	1083	CKM-120	1658	FU-5S	1642	FU-250F	1738
83129	1513	DC-1	812	FU-7	407	FU-300F	1739
83130	1621	E1-O.02/20	1629	FU-10S	1644	FU-431S	1634
83139	1622	E1-O.03/13	1630	FU-13	710	FU-435E	1635
12A7P	554	E1-O.1/30	659	FU-15	1647	FU-481F	1645
12C3P	1522	E1-O.1/40	1631	FM-17	838	FU-500F	960
12C3P	1524	E1-O.25/10	1632	FU-17F	1730	FU-811	1636
12E3P	1525	E1-O.2/8.5	1633	FU-19	822	FU-3000F	1740
12J1S	1623	E1-1.25/10	674	FU-22S	1648	GD-2A	1693
12K3P	336	E1-6/0.325	1477	FU-23S	1649	GD-3	1684
13P1P	1625	E1-15/0.225	1045	FU-25	1476	GD-4	1685
13SS31	926	FC-1F	1723	FU-27F	771	GD-21	1743
13SJ3Y	1624	FC-9F	1724	FU-29	772	GD-51	1686
13SJ36	1375	FC-11F	1550	FU-29F	1731	GDB-1	1582
13SJ37	925	FD-5S	1641	FU-31	1023		
13SJ38A	1651	FD-71	1098	FU-32	775		

QDB-2	1744	WLAP	1677
QDB-19A	1745	WLGP	1671
QDB-20	1746	WL10P	1672
QDB-35	1747	WL11P	1673
QDB-35	1660	WL13P	1674
QDB-35	1660	WYL	371
QDB-35	1681	WY2	372
QDB-35	1679	WY2P	461
QDB-35	1682	WY3P	470
QDB-35	1653	WY4P	371
QDB-35	1654	WY5P	1549
QDB-35	1655	WY7P	1678
QDB-35	1656	ZQ1-5/2	1682
QDB-35	1657	ZQ1-6/15	1683
QDB-35	1658	ZQ1-15/15	1694
QDB-35	1663	ZQ1-40/15	1695
QDB-35	1664	ZQ1-85/15	1542
QDB-35	1665	ZQ13	1687
QDB-35	1666	ZQ1-0.1/0.3	897
QDB-35	1667	ZQ1-0.1/1.3	226
QDB-35	1668	ZQ1-2.5/4	1688
QDB-35	1669	ZQ2-0.1/0.1	1495
QDB-35	1670	ZQ3-0.1/1.3	228
QDB-35	1756	ZQMI-35/3	673
QDB-35	1638	ZQMI-325/16	1689
QDB-35	1741	ZQMI-400/3.5	1690
QDB-35	1635	ZQMI-400/16	1691
QDB-35	1742	ZQMI-500/16	1748
QDB-35	1640	ZQMI-500/35	1750
QDB-35	1675	ZQMI-1000/25	1749
QDB-35	1676	ZQ	1751

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PP-5	1662	TFM-325/16	1689	世界	1555	世界	1123
PP-580	1663	TFM-400/3.5	1690	OEDE	808	1B32	881
PP-5	1664	TFM-400/16	1691	0517	19	1B35A	1362
PP-6	1665	TFM-700/25	1749	1A3	435	1B48	1392
PP-7	1666	TFM-5/2	1692	1A4	434	1B58A	1338
PP-11	1667	TFM-6/15	1693	1A5	433	1B59	1353
PP-49	1668	TFM-15/15	1694	1A6	44	1B60	1353
PP-54	1669	TFM-40/15	1695	1A7	47	1B65A	1353
22-56	1670	TFM-85/15	1542	1AB6	432	1C1	1661
CF1T	371	TX1	756	1AC6	46	1C2	46
CF2T	272	Q3Y-1	1582	1AC6	46	1C2	46
CF30	470	Q3Y-2	1744	1AD1	31	1C3	47
CF30	461	Q3Y-19	1745	1AE4	38	1C6	49
CF40	371	Q3Y-20	1746	1AF6	38	1C6	435
CF60	1549	Q3Y-35	1747	1AF33	23	1C7	430
CF70	1662			1AF34	23	1C8A	1662
CF80-1	1679			1AG5	1357	1C8A	1662
CF90-5	1680			1AH5	23	1CFL	909
CF90-6	1681			1AJ4	38	1CFL	1556
CF90-8	1682			1AJ5	25	1CFL	909
CFB-2A	1683			1AK5	39	1CFL	429
CFB-3	1684			1B3	69	1D5(U.S.A)	426
CFB-4	1685			1B4	435	1D7	430
CFB-51	1686			1B5	431	1D8	427
CFB-51	1687			1B7	44	1D13	19
CFB-51	897			1B21A	1098	1D21	1697
CFB-51	225			1B21F	1449	1D26	1697
CFB-51	1405			1B23	1079	1E5	35
CFB-51	228			1B24A	1353	1E4	426
CFB-51	873						

1E5	426	1L33	1492	1M62/A	876	1M89	876
1EP1	910	1L34	1492	1M54/A	876	1M90	1163
1F1	38	1L44	426	1M65A/B	1133	1M95	1176
1F2	37	1L46	423	1M67	1133	1M96	1176
1F3	36	1L84	427	1M57A	876	1M97/A	1176
1F5	425	1L06	423	1M56/A	1133	1M98/A	1176
1F33	38	1L23	422	1M59	1180	1M99/A	1176
1F34	38	1LH3	431	1M60	1166	1M00/A	1178
1FD1	23	1L93	422	1M61	1133	1M05	1166
1PD9	21	1M1	67	1M62	1133	1M107	1192
1Q4	426	1M3	67	1M63/A	1133	1M108	1176
1Q5	424	1M90	67	1M64	1552	1M109	1162
1Q6	1356	1M3	67	1M64/A	1166	1M110	1181
1Q35	693	1M5	28	1M65/A	876	1M111	1177
1Q35P	693	1M21B	836	1M66	876	1M112	1177
1Q45P	673	1M23B	1355	1M67/A	1182	1M113	1177
1Q50	226	1M32	1355	1M67/P	876	1M114	1177
1Q58P	1487	1M34/A	876	1M68/A	1133	1M115	1177
1H4	426	1M38/A	1133	1M69	876	1M116	1163
1H5	20	1M39A	1180	1M70/A	1133	1M16A	1178
1H33	1491	1M0	1161	1M71	1472	1M117	1178
1H34	1491	1M1	1161	1M72	1181	1M118/A	1178
1H35	47	1M3	876	1M73	1472	1M119	1177
1J5	424	1M4	1133	1M74	1472	1M120	1177
1K16	1482	1M5	876	1M75/A	1133	1M124A	1181
1K24	664	1M6	1163	1M81/A	1040	1M125	1166
1K29	1483	1M7	876	1M82/A	1181	1M126/A	876
1K31	1484	1M8/A	876	1M86	876	1M127/A	1133
1K75	659	1M9	876	1M87	1166	1M128	1163
1K76	764	1M30	876	1M87A	1557	1M132	1166
1K78	37	1M31/A	1163	1M88	1133	1M133	1181

1M135	876	1N286	1176
1M137/A/B	1171	1N289	1176
1M136A/B	1172	1N290	1133
1M139	1178	1N291	1178
1M140	1178	1N292	1178
1M141	1178	1N294	876
1M142	1133	1N295	1040
1M144	1178	1N297	876
1M145	1178	1N299	1181
1M147	1181	1N300/A	1172
1M148	1162	1N301/A	1170
1M172	1181	1N302/A	1168
1M175	1133	1N303/A	1169
1M190	1181	1N305	1178
1M192	1177	1N306	1162
1M191	1177	1N307	1178
1M198	1178	1N308	1162
1M265	1179	1N309	1178
1M266	1179	1N312	1178
1M267	1164	1N314	1161
1M268	1164	1N350	1170
1M270	1178	1N351	1169
1M275	1178	1N352	1168
1M276	1160	1N353	1168
1M277	1178	1N354	1167
1M279	1178	1N355	1182
1M281	1178	1N367	1166
1M283	1162&1178	1M17	1182
1M285	1181	1M18	1182
1M287	1178	1M19	1178

1M332	1171	1N500	1176
1M33/A	1169	1N501	1178
1M34/A	1168	1N502	1178
1M36	1176	1N538	1189
1M37	1175	1N539	1189
1M38	1174	1N540	1187
1M39	1173	1N541	1164
1M49	1178	1N542	1165
1M50	1178	1N616	1166&1040
1M52	1178	1N617	1179
1M53	1178	1N618	1179&1130
1M54	1170	1N631	1160
1M56	1171	1N632	1182
1M57	1170	1N633	1178
1M58	1169	1N634	1178
1M59	1168	1N636	1164
1M60/A	1169	1N645	1183
1M61	1171	1N646	1184
1M62	1170	1N647	1185
1M63	1168	1N648	1186
1M64	1169	1N1095	1196
1M76	1133	1N1096	1195
1M77	1133	1N1124	1194
1M78	1133	1N1125	1193
1M79	1133	1N1126	1192
1M80	1177	1N1127	1191
1M90	1177	1N1128	1190
1M97	1178	1P1	61
1M98	1178	1P10	57
1M99	1178	1P11	58

1P21	878	1S402	1193	2B7	476	2C51	348
1P28	1077	1S403	1192	2B21	477	2D2	483
1P30	1115	1S404	1191	2B22	8	2D4	483
1P31	1145	1S405	1190	2B25	847	2D4A	482
1P32	966	1S001	1189	2B26	643	2D4B	481
1P33	1151	1S002	1188	2B29	772	2D13A	480
1P35	1147	1S003	1187	2B29P	678	2D13C	479
1P36	1146	1S004	1196	2B32	775	2D21	228
1P37	1155	1S005	1195	2B35	99	2D21WA	228
1P39	1124	1T2	419	2B52	775	2E22	1022
1P40	1125	1T4	36	2B94	822	2E31	1360
1P41	1157	1T4T	38	2C4	229	2E32	1360
1Q5	50	1T5	434	2C21	484	2E35	1361
1R4	420	1T6	421	2C22	644	2E36	1361
1R5	45	1U4	43	2C23	645	2E41	1357
1R5T	1491	1U5	22	2C25	646	2E42	1357
1S2	72	1V	545	2C31	647	2E45	1558
1S2A	73	1V5	432	2C33	1090	2F41	1357
1S4	56	1V6	96	2C34	648	2G21	1362
1S4T	1492	1X2	71	2C36	640	2G22	1362
1S5	21	1X2A	418	2C37	640	2G22P	708
1S5T	23	1Y32	142	2C38	650	2G/402A	660
1S6	421	1Z2	142	2C39	650	2G/472B	674
1S111	1183	2-25A	968	2C39A	650	2G/473C	987
1S112	1184	2-100A	764	2C39B	1550	2G57	808
1S113	1185	2-150D	1101	2C39BA	1550	2H28	660
1S114	1186	2-250A	1039	2C40	651	2H66	660
1S115	1184	2A3	358	2C42	973	2HR8	1559
1S202	1041	2A6	485	2C43	652	2J2	1433
1S203	882	2AP1/A	1089	2C44	653	2J30	654
1S401	1194	2B4	1084	2C46	974	2J31	654

2T32	654	2M1	1129	2N86	1213	2N119	1216
2T33	654	2M2	1239	2N87	1213	2N123	1232
2T34	654	2M3/A	1213	2N88	1211	2N124	1234
2T36	655	2M4	1237	2N89	1211	2N125	1215
2T42	656	2M5	889&1237	2N90	1210	2N126	1215
2T42A	657	2M6	1129	2N94	1214	2N127	1215
2T49	1044	2M7	1239	2N94A	1217	2N128	1198
2T50	1043	2M8	1239	2N96	1238	2N129	1198
2T51A	945	2M9	1239	2N96	1239	2N130/A	1210
2T53	766	2N54	1237	2N97	1239	2N131/A	1210
2T55	1015	2N55	1237	2N97A	1217	2N132	1211
2T61	1363	2N56	1237	2N98/A	1217	2N133	1212
2T62A	1364	2N59	1213	2N99	1217	2N135	1214
2T69	654	2N60	1213	2N100	1235	2N136	1214
2K25	658	2N61	1237	2N101	1238	2N137	1232
2K23	943	2N62	1213	2N103	1239	2N138	1229
2K28A	1248	2N63	1239	2N104	1129&232	2N138A	1213
2K36	1435	2N64	1129	2N105	1229	2N139	1214
2K71	1039	2N65	1129	2N106	1213	2N140	1232
2L2	505	2N68	1238	2N107	1239	2N141	1238
2M27	1129	2N71	1238	2N108	1239	2N143	1238
2M28	1129	2N76	1239	2N109	1213	2N144	1232
2M30	1224	2N77	1129	2N111/A	1214	2N145	1233
2M31	1223	2N78	1214	2N112/A	1214	2N146	1233
2M34	1129	2N79	1129	2N113	1232	2N147	1236
2M35	1217	2N80	1129	2N114	1232	2N148	1235
2M36	1129	2N81	1239	2N115	1129	2N148A	1217
2M37	1239	2N82	1239	2N116	1129	2N149	1235
2M38/A	1239	2N83/A	1238	2N117	1214	2N149A	1217
2M39	1239	2N84	1238	2N118	1232	2N150	1235
2M40	1239	2N85	1213				

2N150A	1217	2N186	1213	2N235	1219	2N269	1239
2N155	1237	2N185	1237	2N226	1213	2N270	1213
2N156	1233	2N186A	1237	2N227	1219	2N274	1202
2N157A	1205	2N187	1129	2N228	1233	2N277	1230
2N158/A	1238	2N187A	1213	2N229	1233	2N278	1207
2N160/A	1201	2N188	1129	2N231	1214	2N279	1239
2N161/A	1200	2N188A	1213	2N232	1214	2N280	1129
2N162/A	1216	2N189	1239	2N233	1214	2N281	1213
2N163/A	1216	2N190	1239	2N234/A	1225	2N282	1219
2N164A	1236	2N191	1129	2N235/A	1238	2N283	1240
2N165	1233	2N192	1129	2N236A	1197	2N284	1241
2N166	1214	2N193	1215	2N236B	1231	2N291	1213
2N167	1215	2N194	1233	2N237	1129	2N292	1235
2N168	1234	2N195	1213	2N238	1239	2N293	1236
2N168A	1236	2N196	1129	2N241/A	1213	2N296	1238
2N169	1233	2N197	1129	2N242	1238	2N297	1238
2N169A	1217	2N198	1239	2N247	1198	2N301/A	1238
2N170	1235	2N199	1239	2N248	1198	2N302	1237
2N172	1236	2N206	1213	2N249	1238	2N303	1237
2N173	1220	2N207	1129	2N250	1238	2N306	1233
2N174/A	1222	2N207A/B	1242	2N251	1238	2N307	1225
2N174A	1199	2N211	1236	2N252	1232	2N308	1214
2N175	1129	2N212	1236	2N253	1236	2N309	1214
2N175	1238	2N215	1129	2N254	1236	2N310	1198
2N176B/W	1209	2N216	1233	2N255	1225	2N312	1215
2N178	1238	2N217	1213	2N256	1225	2N313	1233
2N180	1213	2N218	1214	2N257	1238	2N314	1236
2N181	1213	2N219	1232	2N265	1129	2N315	1243&1238
2N182	1215	2N220	1129	2N266	1239	2N316	1243&1238
2N183	1215	2N223	1213	2N267	1198	2N317	1243
2N184	1215	2N224	1213	2N268/A	1238	2N317A	1238

2N319	1213	2N381	1213	2N425	887	2N574A	1222
2N320	1213	2N382	1213	2N426	1244	2N575	1220
2N322	1214	2N383	1213	2N427	1243	2N575A	1222
2N323	1214	2N384	1203	2N428	1245	2N578	1244
2N324	1214	2N386	1204	2N439	1214	2N579	1243
2N331	1213	2N387	1205	2N440	1232	2N580	1245
2N332	1201	2N394	887	2N441	1207	2N581	1243
2N333	1200	2N395	1244	2N442	1207	2N589	1205
2N335	1216	2N396	1243	2N443	1220	2N627	1230
2N344	1202	2N397	1245	2N446	1214	2N628	1220
2N345	1202	2N399	1209	2N447	1232	2N629	1222
2N346	1203	2N400	1209	2N456	1203	2N630	1222
2N350	1197	2N402	1237	2N457	1238	2N631	1218
2N351	1197	2N403	1237	2N459	1206	2N635	1232
2N352	1238	2N404	1243	2N460	1213	2N637	1209
2N353	1197	2N405	1213	2N461	1213	2N637A	1221
2N357	1210	2N406	1213	2N462	1213	2N637B	1229
2N358	1232	2N407	1213	2N465	1213	2N638	1228
2N359	1213	2N408	1213	2N466	1213	2N638A	1204
2N360	1215	2N409	1214	2N519	1239	2N639B	1205
2N361	1213	2N410	1214	2N521	1245	2N639	1208
2N363	1213	2N411	1232	2N538	1205	2N639B	1206
2N367	1239	2N412	1232	2N538A	1206	2N677	1238
2N368	1239	2N413/A	1232	2N539	1229	2N677A	1207
2N369	1129	2N414/A	1214	2N539A	1205	2N677B	1230
2N373	1571	2N415/A	1232	2N540/A	1229	2N677C	1222
2N375	1206	2N416	1232	2N544	1571	2N79	1213
2N376	1251	2N418	1226	2N554	1225	2X0C602	1240
2N378	1203	2N420/A	1227	2N555	1238	2X0C602spez	1241
2N379	1238	2N422	1213	2N574	1220	2X0C604spez	1219
2N380	1239						

28	478	3-50A4	875	3A/122A	1108	3B27	660
2P32	1022	3-50D4	1016	3A/122B	1110	3B28	660
22101	1129	3-50G2	752	3A/126A	1114	3B29	1483
28105	1213	3-50J4	1122	3A/126B	1112	3B32	981
28/104G	101	3-75A2	1018	3A/135A	742	3B/100B	529
28/390G	1469	3-75A3	1017	3A/141A	661	3B/102B	1438
2812P(J) amp	1591	3-100A2	723	3A/142A	662	3B/151A	646
2826	1023	3-100G3	689	3A/144A	663	3B/200B	665
2801	1479	3-150A2	1029	3A/145J	1434	3B/252B	892
2809	721	3-150A3	1028	3A/146J	1436	3B/303H	757
22/270K	837	3-200A3	944	3A/147J	1437	3B/351A	1463
22/450E	659	3-250A2	1030	3A/148J	1439	3B/352E	800
27/400A	660	3-250A4	740	3AB4	265	3B/400A	751
27/401C	1461	3-300A2	1032	3ABP1	1365	3B/401J	1440
27/470C	797	3-300A3	1031	3ACP1	911	3B/501A	666
27/471A	674	3-450A2	1034	3ACP7	912	3B/503A	1453
27/471C	1061	3-450A4	1033	3ACP11	913	3B/503E	1454
27/490C	1435	3-750A2	1035	3AFP1	914	3B/504B	752
28/500C	797	3-1000A4	1009	3AJ8	1560	3B/650A	803
28/531E	784	3-1500A3	1037	3ALP1	915	3B/750E	1464
28/542E	1645	3-2000A3	1036	3ALP7	1561	3B/850A	667
289	477	3A3	1698	3ALP11	1562	3B/851A	803
28/103G	876	3A4	58	3AMP1	916	3BKF31	1563
28/104G	876	3A5	27	3AP1	1023	3BP1	1581
28/105G	876	3A/107B	1109	3B2	1508	3B27	1366
28/106G	600	3A/108A	1108	3B4	62	3BK6	1564
28/300A	472	3A/108B	1110	3B7	476	3BY7	1565
282	472	3A/109A	1114	3B22	984	3C4	61
283	477	3A/109B	1112	3B24	664	3C6	475
3-45A3	672	3A/110A	1113	3B24W	664	3C21	668
3-25D3	671	3A/110B	1111	3B25	660	3C22	569

3023	670	3F21P	703	3Q/200A	1451	4B30	686
3024	671	3F65	908	3Q/211E	1468	4B31	1484
3025	1367	3FP7A	1369	3Q/212E	1458	4B32	674
3027	1368	3Q10	469	3Q/233E	1462	4B35	689
3029	669	3Q15	842	3Q/310E	891	4B36	1126
3030	721	3Q49P	949	3S4	57	4B/700A	748
3031	901	3G94-A	1024	3T20	753	4BL8	1583
3034	672	3G/501A	900	3T88	1480	4C21	690
3037	1368	3H/150J	650	3V4	59	4C22	591
3045	673	3H/151J	650	3V/340B	844	4C25	660
30/150A	674	3J30	1370	3V/390A	809	4C27	841
30/200G	1446	3J31	1370	3V/490A	890	4C30	686
30/270A	1134	3J/121E	970	3V/500A	1135	4C34	692
30/350E	743	3J/160E	679	3V/531E	895	4C35	693
30/351H	702	3J/161J	969	3WP1	917	4C35A	693
30X100A5	1550	3JPI	911	3WP11	918	4C/100A	741
3D6	474	3JF7	912&1366	3X100A5	650	4CM4	264
3D7	476	3JPI1	913	3X100A11	650	4CV105	1736
3D21A	1449	3K76	1486	4-60A	703	4CV10000C	1736
3D22	675	3LF4	474	4-65A	908	4CV35000	1737
3D22A	983	3NM1	873	4/100BU	413	4CX250A	1738
3D23	673	3NP4	404	4-125A	680	4CX300A	1739
3D/100A	1430	3P/270B	1093	4-250A	681	4CX1000A	1733
3D/101E0	1452	3Q4	60	4-400A	1002	4CX5000R	1734
3D/120E	1444	3Q5	48	4-1000A	1011	4CX35000	1735
3D/150G	1450	3Q/120G	1467	4A/137B	747	4DI	412
3E5	61	3Q/150E	736	4B13	710	4D21	680
3E21	677	3Q/180E	1466	4B20	1481	4D23	680
3E29	676	3Q/181E	796	4B25	682	4D32	981
3E47	1535	3Q/191E	1080	4B26	684	4E27	694
3E47	1537	3Q/195E	1080	4B27	685	4EH7	1594
3EF7	1391						

4J31	1585	4J32	702	5-125B	694	5B/256M	856
4J31	919	4J33	702	5A/100B	535	5B/300B	1445
4E35	1426	4J34	702	5A/102A	1457	5B/350A	1459
4E38	1586	4J35	702	5A/102D	1471	5B/302A	1448
4F15R	704	4J42	1085	5A/105A	1455	4J43	982
4FY5	1500	4J47	1371	5A/120A	705	4J44	992
4G23	670	4J50	700	5A/128B	537	5B/600A	799
4G63	1025	4J50A	700	5A/136D	1441	5B/700A	706
4G93	1026	4J51	1372	5A/136A	759	5BHP1	922
4G/280K	228	4J52	701	5A/157D	440	5BHP2	923
4G/401A	675	4J52A	701	5A/164K	1456	5BHP11	1590
4G21	713	4J53	702	5A/170K	95	5BHP31	1598
4G62	455	4J62	1373	5A/185K	1546	5BKP1	924
4G63	571	4J63	1374	5ABP1	1651	5BP1	187
4H32	674	4J78	991	5ABP7	1652	5C21	707
4H72	674	4L20	1600	5ADP1	920	5C22	708
4H73	1027	4LP31	1587	5ADP11	921	5C27	709
4H88	903	4PR60A	703	5AP1	146	5C37	689
4H/135M	704	4T16	723	5AR4	249	5C/100A	710
4H/136M	957	4T17	1009	5A74	362	5C/101A	802
4J21	1050	4T100	710	5B1	408	5C/450A	711
4J22	1050	4T9A	411	5B21	1045	5C/500/A	712
4J23	1050	4X150A	704	5B/100A	801	5CPLA	925
4J24	1050	4X150D	957	5B/151A	754	5CPLA	1375
4J25	1050	4X250B	1588	5B/151B	1447	5CPL2	1105
4J26	695	4X500A	960	5B/152D	1449	5CLP31	1753
4J27	696	4XP	410	5B/250A	407	5D21	680&703
4J28	697	4Y35	511	5B/251M	1442	5D22	681
4J29	698	5/04HM	716	5B/252M	856	5D23	714
4J30	699	5/52CM	1589	5B/254M	1442	5D24	681
4J31	702	5/62PM	1590	5B/255M	856	5D/100A	1470