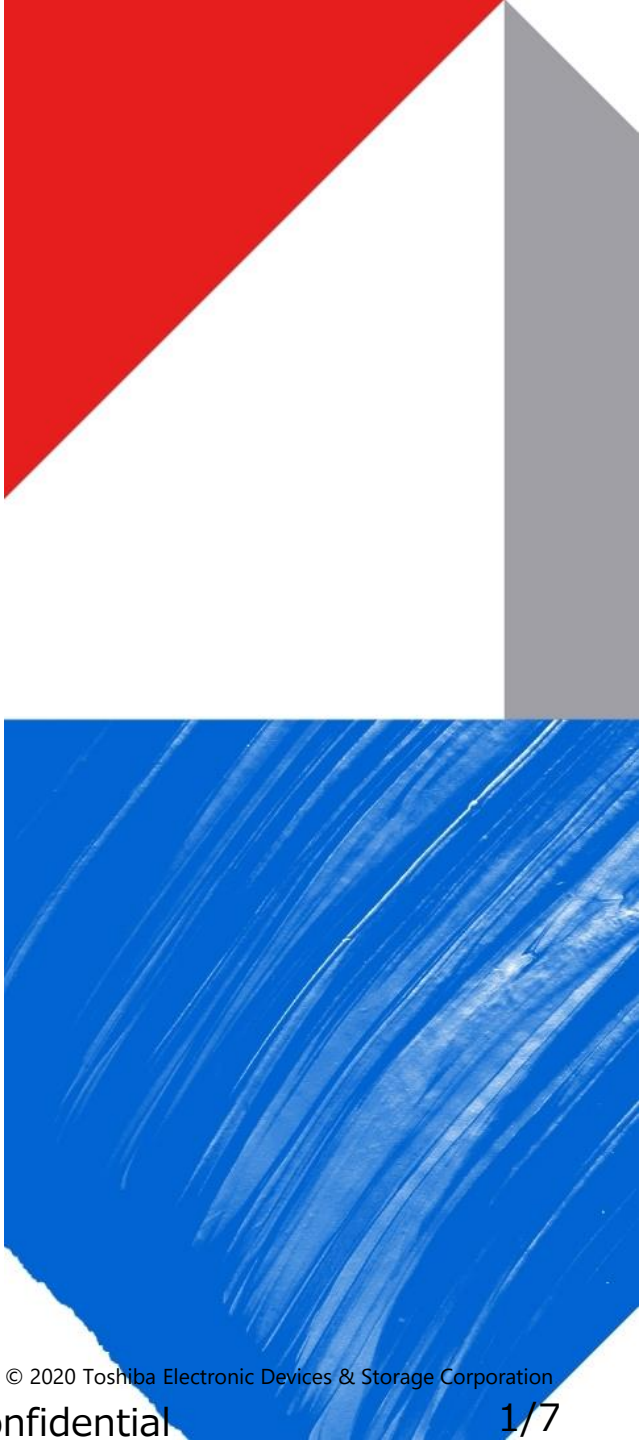




# TOSHIBA

**TO:**

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## **Announcement about Unifying Packing Specifications of Packages TO-3P(N) and TO-3P(N)IS**

Issue No. H440-0F-003P

Date of issue: June 10, 2020

Quality And Reliability Engineering Group

Quality Assurance Department

Himeji Operations - Semiconductor

**Toshiba Electronic Devices & Storage Corporation**

# 1. Description of the change

## 1. Product subjected to the change

See the attachment for the products subjected to the change.

## 2. Purpose of the change

We currently deliver devices in two types of plastic bags. We will unify the packing specifications and ship our products in one type of tray.

※ Some customers have already received devices in the tray prior to this announcement.

## 3. Description of the change

The packing specifications are changed as follows. The change of packing form leads to a change of the inner carton dimensions as well.

|                                 | Before change             |                                  | After change                                                |
|---------------------------------|---------------------------|----------------------------------|-------------------------------------------------------------|
| Packing form                    | Bag                       |                                  | Tray                                                        |
| Packing type                    | 2 types of bags are used. |                                  | One type of packing<br>③ Black plastic tray<br>(Antistatic) |
|                                 | For BIP-type devices      | For MOS-type devices             |                                                             |
|                                 | ① Transparent plastic bag | ② Black plastic bag (Antistatic) |                                                             |
| Dimensions of inner carton (mm) | 180(L) * 220(W) * 80(H)   |                                  | 190(L) * 305(W) * 90(H)                                     |

## 4. Schedule of the change

The change is scheduled to start from the production of April 2021.

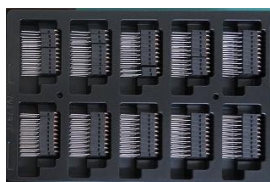
## 5. Other

The other items, such as electrical characteristics and reliability, will not be changed.

Please contact our sales representatives if you need to ask us to revise specification documents, etc. Our application engineering department will handle your request.

## 2. Details of the change (Details of packing)

The packing specifications before and after the change are as follows.

|                                   | Before change                                                                     |                                                                                     |                                                                                     |                                                                                      | After change                                                                        |                                                                                       |
|-----------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Packing form                      | Bag                                                                               |                                                                                     |                                                                                     |                                                                                      | Tray                                                                                |                                                                                       |
| Packing type                      | For BIP-type devices                                                              |                                                                                     | For MOS-type devices                                                                |                                                                                      | ③                                                                                   | One type of packing:<br>Black plastic tray (Antistatic)                               |
|                                   | ①                                                                                 | Transparent plastic bag                                                             | ②                                                                                   | Black plastic bag (Antistatic)                                                       |                                                                                     |                                                                                       |
| Packing material without devices  | 50 devices/bag                                                                    |    | 50 devices/bag                                                                      |   | 100 devices/tray                                                                    |    |
| Packing material with devices     |  |                                                                                     |  |                                                                                      |  |                                                                                       |
| Bags/trays packed in inner carton | 10 bags/carton                                                                    |  | 10 bags/carton                                                                      |  | 5 trays/carton                                                                      |  |

### 3. Details of the change (Diagrams of specifications)

The packing specifications before and after the change are as follows.

|                                                           | Before change                                                                                                  | After change                                                                                                    |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
|                                                           | ① ② Bag                                                                                                        | ③ Tray                                                                                                          |
| Description of specifications<br>(Packing specifications) | <p>Quantity in one inner carton: 50 devices × 10 bags<br/>Inner carton dimensions: 180(L) × 220(W) × 80(H)</p> | <p>Quantity in one inner carton: 100 devices × 5 trays<br/>Inner carton dimensions: 190(L) × 305(W) × 90(H)</p> |

## 4. Packing test results

#### 4-1) Transport test results

**Pass: No problems were found with the packing after the change.**

<Basic test> Frequency = 5Hz; Total amplitude = 20mm;  
G-factor = 1G; Directions = Left and right, up and down;  
Time = 45 min for left and right, 45 min for up and down

<Resonance test> Frequency = 10~60Hz; G-factor = 0.5G;  
Directions = Up and down  
Drop height = 80 cm; Number of drops = 9 times

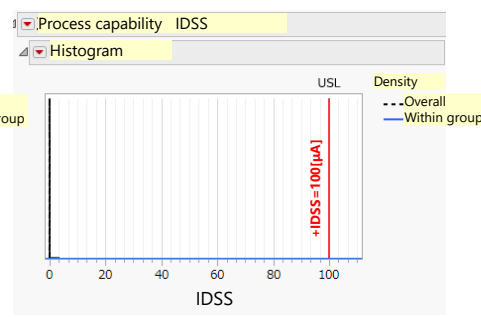
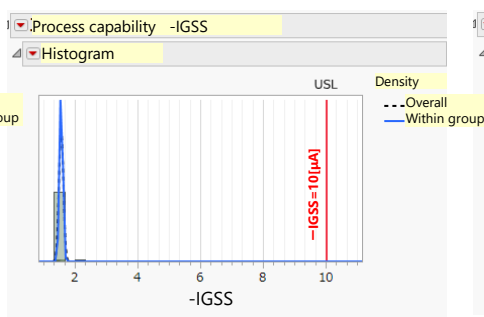
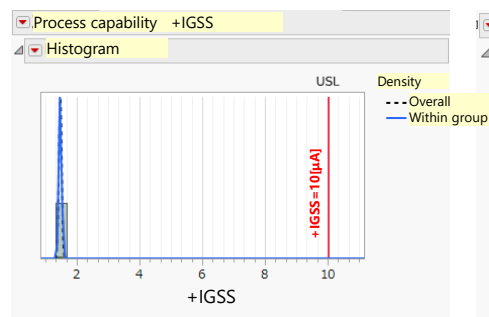
State of packing = 1 × 1 × 2 inner cartons  
(Double-stacked inner cartons placed in one outer carton)

| <b>包 装 認 定 試 験</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |                                                                                                                                                                                  |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|--------|--|-----|------|------|----|----|--------------|---------|-----|-----|-----|
| 包裝認定通知書および製品評価試験書                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |                                                                                                                                                                                  |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| 依頼先<br><div style="background-color: black; width: 100px; height: 30px;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No.<br>            | 検査年月日<br>2020年 5月 14日                                                                                                                                                            | 申請部門<br>課長                               | 主務<br>主任                                 | 担当<br> |  |     |      |      |    |    |              |         |     |     |     |
| <b>包装認定通知書</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                                                                                                                                                                                  |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| 対象製品<br><div style="background-color: black; width: 100px; height: 30px;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                    |                                                                                                                                                                                  |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| 製品名                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 製品区分               | <input checked="" type="checkbox"/> 標準 <input checked="" type="checkbox"/> 新機 <input checked="" type="checkbox"/> 変更 <input type="checkbox"/> その他                                |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| 外形名                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 包装区分               | <input checked="" type="checkbox"/> 標準 <input checked="" type="checkbox"/> 新機 <input checked="" type="checkbox"/> 変更 <input type="checkbox"/> VA/QC <input type="checkbox"/> その他 |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| 包装仕様                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | J-16G1A            | 包装総質量                                                                                                                                                                            | 5.99kg                                   |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ソフトレイ              | 出荷輸送手段                                                                                                                                                                           | 航空   日航                                  |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| 包裝試験内容                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    | 適用輸出手段      輸出—輸出地                                                                                                                                                               |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    | <b>試験条件</b>                                                                                                                                                                      | <input checked="" type="checkbox"/> 国内条件 | <input checked="" type="checkbox"/> 輸出条件 |        |  |     |      |      |    |    |              |         |     |     |     |
| 試験条件：5Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |                                                                                                                                                                                  |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| 基本全周長：20mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |                                                                                                                                                                                  |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| 試験 G-factor：1G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                                                                                                                                                                                  |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| 動 態                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 方 向：上下左右互有         | 時間：上 30分<br>下 30分                                                                                                                                                                |                                          | 時間：上 45分<br>下 45分                        |        |  |     |      |      |    |    |              |         |     |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 周波数：10～60Hz        |                                                                                                                                                                                  |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| 性                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 共振試験 G-factor：0.5G |                                                                                                                                                                                  |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 方 向：上・下            | 時間：10分                                                                                                                                                                           |                                          | 時間：15分                                   |        |  |     |      |      |    |    |              |         |     |     |     |
| 能 率                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 落下（落下高さ）           | 包装総質量→落下高さ                                                                                                                                                                       |                                          | 包装総質量→落下高さ                               |        |  |     |      |      |    |    |              |         |     |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    | 10kg±未満→40cm                                                                                                                                                                     |                                          | 10kg±未満→80cm                             |        |  |     |      |      |    |    |              |         |     |     |     |
| 試 験                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    | 落下部品の形状                                                                                                                                                                          |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| 落下方向：①→②→③→④→⑤→⑥<br>(3軸6面)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |                                                                                                                                                                                  |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| 落下回数：各1回、計6回                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                                                                                                                                                  |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| 判 定                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    | <b>*判定合 格（詳細は別紙参照）</b><br><b>*この試験法は、図様仕様による。</b>                                                                                                                                |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| 包装試験結果を履行した上で、製品評価をお願いします。                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |                                                                                                                                                                                  |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| ①試験実施年度： 2020 年 4 月 9 日<br>②担当者署名：                  年     月     日                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |                                                                                                                                                                                  |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| <div style="float: left; width: 15%;">評価者<br/><div style="background-color: black; width: 100px; height: 30px;"></div></div> <div style="float: right; width: 85%;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>判定年度</th> <th>判定項目</th> <th>課長</th> <th>主任</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">2020年 5月 13日</td> <td style="text-align: center;">S/A/S/B</td> <td style="text-align: center;">(印)</td> <td style="text-align: center;">(大)</td> <td style="text-align: center;">(小)</td> </tr> </tbody> </table> </div> <div style="clear: both;"></div> |                    |                                                                                                                                                                                  |                                          |                                          |        |  | No. | 判定年度 | 判定項目 | 課長 | 主任 | 2020年 5月 13日 | S/A/S/B | (印) | (大) | (小) |
| No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 判定年度               | 判定項目                                                                                                                                                                             | 課長                                       | 主任                                       |        |  |     |      |      |    |    |              |         |     |     |     |
| 2020年 5月 13日                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | S/A/S/B            | (印)                                                                                                                                                                              | (大)                                      | (小)                                      |        |  |     |      |      |    |    |              |         |     |     |     |
| ※下記の内容を判定します。<br>判定結果                                  評 価 結 果 欄<br><div style="display: flex; align-items: center;"> <span style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">合格</span>             TO-3P(N) トリイテの包装試験結果<br/>             DC特性も問題無く数値評価結果は合格           </div>                                                                                                                                                                                                                                                                                                                                           |                    |                                                                                                                                                                                  |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |
| 不適合<br>不合格                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |                                                                                                                                                                                  |                                          |                                          |        |  |     |      |      |    |    |              |         |     |     |     |

#### 4-2) Results of checking electrical characteristics after transport tests

**No problem: Pin-to-pin leak, which indicates a risk of characteristic degradation caused by static electricity, etc., was not confirmed.**

Product name: 2SK2313 (Representative)



# 4. Packing test results

## 4-3) Transport test results

**Appearance check results: No defect was found in product appearance after transport tests.**

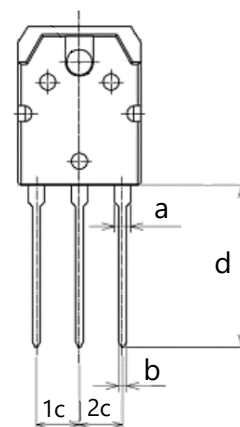
※ Leads of devices in the plastic bag are more likely to become deformed, whereas no leads deformed were observed in devices in the tray (indicated by the red dashed lines below).

Product name: 2SK2313 (Representative) (n = 20)

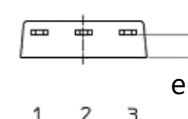
\* The evaluation was conducted based on the sample size defined by our rule.

(Unit: mm)

| Point measured | A       | b        | 1c        | 2c        | d         | e       |
|----------------|---------|----------|-----------|-----------|-----------|---------|
| 1              | 2.01    | 1.01     | 5.43      | 5.43      | 20.51     | 2.85    |
| 2              | 2.03    | 1.01     | 5.44      | 5.43      | 20.55     | 2.81    |
| 3              | 2.03    | 1.01     | 5.43      | 5.43      | 20.57     | 2.85    |
| 4              | 2.02    | 0.99     | 5.44      | 5.44      | 20.51     | 2.85    |
| 5              | 2.03    | 1.01     | 5.44      | 5.45      | 20.56     | 2.84    |
| 6              | 2.01    | 1.00     | 5.43      | 5.43      | 20.60     | 2.85    |
| 7              | 2.04    | 1.01     | 5.43      | 5.44      | 20.57     | 2.85    |
| 8              | 2.03    | 1.01     | 5.45      | 5.42      | 20.58     | 2.85    |
| 9              | 2.04    | 1.01     | 5.45      | 5.44      | 20.54     | 2.84    |
| 10             | 2.03    | 1.00     | 5.44      | 5.43      | 20.54     | 2.84    |
| 11             | 2.01    | 0.99     | 5.44      | 5.41      | 20.56     | 2.83    |
| 12             | 2.02    | 1.00     | 5.45      | 5.42      | 20.59     | 2.80    |
| 13             | 2.03    | 1.01     | 5.43      | 5.44      | 20.60     | 2.80    |
| 14             | 2.02    | 1.00     | 5.45      | 5.42      | 20.60     | 2.83    |
| 15             | 2.03    | 0.99     | 5.43      | 5.40      | 20.60     | 2.84    |
| 16             | 2.02    | 1.00     | 5.45      | 5.41      | 20.58     | 2.83    |
| 17             | 2.02    | 1.01     | 5.43      | 5.43      | 20.57     | 2.82    |
| 18             | 2.03    | 1.00     | 5.45      | 5.42      | 20.58     | 2.81    |
| 19             | 2.02    | 0.99     | 5.45      | 5.42      | 20.61     | 2.81    |
| 20             | 2.03    | 1.00     | 5.44      | 5.43      | 20.56     | 2.80    |
| Spec           | 1.7~2.3 | 0.75~1.3 | 5.25~5.65 | 5.25~5.65 | 20.0~21.0 | 2.6~3.0 |



- a: Lead width (Root)
- b: Lead width (Tip)
- 1c: Lead-to-lead length
- 2c: Lead-to-lead length
- d: Lead length
- e: DISK side-to-lead distance



## End of contents

S/N    Manufacturer Part Number

|    |                     |
|----|---------------------|
| 1  | TPD4204F,FQ(S       |
| 2  | DF2S16FS,L3M(T      |
| 3  | CRZ13TE85LQ         |
| 4  | 2SA1987-OQ          |
| 5  | 2SC2458-Y(F)        |
| 6  | SSM3J35AMFV,L3F(T   |
| 7  | TA78L08FTE12LF      |
| 8  | TLP701(TP,F)        |
| 9  | 74LCX14FT(AE)       |
| 10 | GT50J102Q           |
| 11 | HN2S01FU            |
| 12 | RN2705TE85LF        |
| 13 | PN110008            |
| 14 | TC358743XBG(NOK)    |
| 15 | 2SC2881-Y(TE12R,CF) |
| 16 | CUS01TE85LQ         |
| 17 | SSM3J118TU,LXGF(T   |
| 18 | 74VHC00FT(BE)       |
| 19 | TLP7820(B,TL,E(O    |
| 20 | 2SA1586-GRT5LFT     |
| 21 | TK31E60W,S1VX(S     |
| 22 | DF2B7AFS,L3M(T      |
| 23 | SSM3K335R,LF(T      |
| 24 | 74VHC14FT(BE)       |
| 25 | CRS01TE85L          |
| 26 | TCS40DLR,LF(T       |
| 27 | 2SK2231TE16L1       |
| 28 | 1SS392,LF(T         |
| 29 | TC74HC4066AFT(EL)   |
| 30 | 1SS384TL85LF        |
| 31 | TCR2LN25,LF(S       |
| 32 | DF2S6.8FS           |
| 33 | TLP3122A(TPL,E(O    |
| 34 | TLP785F(D4B-T7,F(C  |
| 35 | LTA121C31SF(AFT)A   |
| 36 | TLP5751(D4-TP,E(T   |
| 37 | S6A37TE85L          |
| 38 | 2SC1815-GRTE2CM     |
| 39 | TBD62004AFG(Z,EL)   |
| 40 | SSM3J16CTTL3AP,E    |
| 41 | 2SC4915-Y(TE85L.F)  |
| 42 | RN1104FTTE85LF      |
| 43 | TLP3121TPF          |
| 44 | 2SK170-BL(TPE2,F)   |
| 45 | 1SV279(TH3,F,T)     |

46 2SK2611FT  
47 74VHCV244FT(BJ)  
48 MG75Q2YS50AC  
49 TLP184(V4GBTL,SE(T  
50 1SS396,LF(T  
51 LTA106C211F  
52 BM11122  
53 74LCX08FT(AJ)  
54 TC7S66FTE85LF  
55 2SA1314-BC  
56 HN1C01FU-GR(L,F,T)  
57 1SS193SLFD  
58 1SV323TPH3  
59 AB4X2X6SM  
60 TMPM3H6FWFG(A,J)  
61 HN1L02FUT5LDNSO  
62 2SC2713-BL,LF(T  
63 HN1C03F-B(TE85L,F)  
64 LTM08C351S(T)  
65 DF2S20FS,L3M(B  
66 MG300Q2YS50AC  
67 RN1905,LF(CT  
68 TLP2601(TP1,F)  
69 TLP759(D4,J,F)  
70 2SK2717F  
71 2SK2611  
72 TC358746AXBG(EVB)  
73 CRS30I30A(TE85L,QM  
74 LT044MDW7000  
75 THGBMPG9C8LBAB8  
76 TLP2768A(TP,E(O  
77 PN120006A  
78 1SS367TPH3F  
79 1SV314TPH3F  
80 1SV172TE85L  
81 RN4602(TE85L,F)  
82 2SC5108-Y(TE85L,F  
83 1SV309(TPH3,F)  
84 HN1B01FU-GRLFT  
85 RN1106MFV,L3F(B  
86 MP4005  
87 TBD62083AFWG  
88 LTA050B352A  
89 TBD62083AFG(Z,EL)  
90 2SC3421-Y  
91 1SV215T2FT

92 1SS307TE85LF  
93 TLP181GR-TPLF  
94 DF10G6M4N,LF(D  
95 1SS364TE85L  
96 2SA1586-GR(TE85L,F  
97 TC4069UBF(EL,N,F)  
98 TLP719TPF  
99 2SK3074(TE12L,F)  
100 2SA1586-Y(TE85L,F)  
101 SSM3J16FVAPZE  
102 MT3S111TU(TE85L)  
103 TC7SH04F,LJ(CB  
104 2SA1244-Y(T6L1,NQ)  
105 DSF01S30SC,L3F(T  
106 2SC2655-YF  
107 TCR2EF25,LM(CT  
108 SF10G41NG  
109 CRG09(TE85L,Q,M)  
110 RBHPE4300  
111 GT40RR21(STA1,E,S)  
112 2SC3303-YQ  
113 2SA1020-Y(TE6-C-M)  
114 SSM3J340R,LF(T  
115 SSM3J115TUTE85L  
116 2SA2154MFV(TL3SONY  
117 2SK117-Y(TPE2,F)  
118 SSM6N7002KFU,LF(B  
119 SSM3J01TTE85LF  
120 74VHC221AFT(BJ)  
121 CRS10I30A(TE85L,QM  
122 GT40T301  
123 2SJ347TE85LF  
124 2SJ516  
125 1SS352TPH3F  
126 DF2B6.8M1ACT,L3F(B  
127 1SS302(T5R,F,H)  
128 TJ40S04M3L(T6L1,NQ  
129 TLP785(D4-BLL,F(C  
130 TK5P60W5,RVQ(S  
131 TLP785(D4-GB,F(C  
132 TLP185(GB-TPL,SE(O  
133 RN2502(TE85L,F)  
134 TPH2R306PL,L1Q(M  
135 2SC4207-GR(TE85L)  
136 2SK30ATM-R  
137 2SC4738-BL(TE85L,F)

138 1SV279,H3FT  
139 SSM3K329R,LF(T  
140 2SC3324BL(TE85L,F  
141 TLP3241(TP15,F)  
142 1SS187(TE85L,F)  
143 2SK372-BLTPE4F  
144 CRH01  
145 BM1200R0A  
146 TLP5772(D4-TP,E(T  
147 TC9594XBG(EL)  
148 2SA2154MFV-Y(L3A.E  
149 S5688J  
150 SSM3J56ACT,L3F(T  
151 1SS300,LF(T  
152 RN4601(TE85L,F)  
153 CRS09(TE85L,Q,M)  
154 RN4982FETE85LF  
155 RN1106MFV,L3F(T  
156 1SS374TE85LF  
157 2SC3072-BQ  
158 2SK1827TE85L  
159 1SS388TPH3  
160 SSM6N57NU,LF(T  
161 2SK30ATM-GR  
162 TCD1254GFG(8Z)  
163 HN4A51J(TE85L,F)  
164 2SK1062(TE85L,F)  
165 LT035MDQ30C1-0L100  
166 2SK4002(Q)  
167 2SD2499QM  
168 CRS06TE85LQM  
169 2SK209-GR(TE85L,F)  
170 1SS362(TE85L,F)  
171 1SV305TPH3F  
172 TC9592XBG(CS,EL)  
173 2SC2713-GRTE85LF  
174 SM25GZ51  
175 2SK369-BL(TPE2,F)  
176 2SC2240-GRTPE2F  
177 TC7WH126FK,LJ(CT  
178 TC7S14FU,LF(B  
179 TLP559(IGM,F)  
180 TC62D748CFG(O,EL)  
181 1SV282(TPH3,F)  
182 TLP4176G(TP,F)  
183 1SS388TH3FT

184 2SC5108-YTE85LF  
185 RN2302(TE85L.F)  
186 1SV323,H3F(T  
187 DF2B20M4SL,L3F(B  
188 2SC4738-GRTE85LF  
189 1SS389(TPL3,F)  
190 2SA1586-GRTE85LF  
191 2SK3799(STA4,Q,M)  
192 TC58NVG1S3ETA00B3H  
193 2SK3878(STA1,E,S)  
194 2SA1244YT6L1NQ  
195 2SD2498QM  
196 TCR2LN30,LF(S  
197 02CZ33TE85LF  
198 2SA966-Y(TE6,F,M)  
199 2SC4116-GR(T5L,F,T)  
200 TLP290(BLL-TP,SE(T  
201 TC7WH04FK,LJ(CT  
202 TC35679FSG-002(ELC  
203 JDV2S14ETPH3  
204 1SV285(TPH3,F)  
205 TPH1R104PB,L1HYQ(O  
206 2SJ618(F)  
207 TLP240A(TP1,F(O  
208 2SC4738-GR,LF(T  
209 2SA1015-Y  
210 TPCA8086,L1XGQ(O  
211 2SC4117-GR,LF(T  
212 1SV278B(TPH2,F)  
213 BM87CM14N0A  
214 TLP785GB-TP6FC  
215 CRS04TE85LQ  
216 TCD1304DG8ZAW  
217 SD-C08GET2(RZCKH)  
218 TLP781GRLF  
219 SSM3K341R,LXGF(B  
220 MG75J2YS50AC  
221 HN7G01FU-AT5LFT  
222 2SC3425Q  
223 TCD1254GFG(8Z,AA)  
224 2SK2013-Y(Q)  
225 2SA1943-O/2SC5200-O  
226 TLP124(TEE-TPRS,F)  
227 RBTZ1001-4RS-1(ES)  
228 2SK1359(F)  
229 2SA1761TPE6F

230 2SA1162-O,LF(T  
231 TPCF8305,LF(CM  
232 CR2032  
233 2SC2655-Y  
234 TC7S14F,LF(B  
235 GT15J321Q  
236 CMZ43(TE12L,Q,M)  
237 2SC2881-YTE12LF  
238 2SK2009TE85LF  
239 1SV281TH3FT  
240 RN1702TE85LF  
241 2SA1015-GRT  
242 CMF01TE12LQM  
243 DF2B6.8AFS,L3M(B  
244 CMS01(TE12L,Q,M)  
245 2SA1213-Y(TE12L,F)  
246 TK12P60W,RVQ(S  
247 TCK112G,LF(S  
248 TC58NVG1S3ETA00B3H  
249 TLP620(F,T)  
250 BM92CZ26XB0A-M15  
251 2SK3075(TE12L.Q)  
252 86F809NG-2CB3ZM  
253 1SS187T5LFT  
254 2SA1943-O(S1,F,S)  
255 TLP155E(TPL,E(T  
256 74VHC138FT(BJ)  
257 1SS387,H3F(T  
258 TCD2711DG(Z,K,C)  
259 2SD2012M  
260 CRG03  
261 TPCP8103-H(TE85LFM  
262 2SK2744F  
263 2SC4207-Y(TE85L,F)  
264 1SS387CTTPL3F  
265 TC358778XBG  
266 TLP3825(TP1,F(O  
267 JDV2S25SC(TPL3)  
268 RN1110ACTTPL3  
269 SD-C04GET2(RZCLH)  
270 DF2B6.8M1ACT  
271 GT60M303Q  
272 TC74HC4538AP(F)  
273 TA76432AFT(TE85L,F  
274 TBAT54S,LM(B  
275 1SV290TPH3

276 RN1707JETE85LF  
277 2SK3878A,S1VE(S  
278 SD-C04G2T2(PZCKH)  
279 2SC5000F  
280 1SV228(TPH3,F)  
281 RN4981.LF(CB  
282 DF2S5M4CT,L3F(T  
283 2SK1382Q  
284 RN2401TE85LF  
285 TLP127(U,F)  
286 1SS272TE85L  
287 6N136  
288 2SC5233-BTE85L  
289 1SS184(TE85L,F)  
290 TC9591XBG(CS,EL)  
291 2SC5129-M  
292 SSM6N7002FUTE85LF  
293 DF2S5.1FS,L3M(T  
294 TLP187(TPL,E(T  
295 1SS306(TE85E)  
296 2SK3569STA4QM  
297 TLP185(GB-TPR,E(T  
298 2SA1020-YTE6FM  
299 RN4607TE85LF  
300 2SA1163-GRTE85LF  
301 RFM03U3CT(TE12L)  
302 2SC5108-Y.LF(T  
303 2SC1815-GRSPFT  
304 TLP387(D4-TPL,E(T  
305 1SS190(TE85R,F)  
306 1SS367TH3FT  
307 RN1408TE85LF  
308 1SS418TL3APE  
309 SSM3J15FU,LF(T  
310 S5688G  
311 1SS319TE85LF  
312 1SS302TE85L  
313 TC74HC04AP(F)  
314 TLP290(BL-TP,SE(T  
315 2SA1213-TE12LCF  
316 TPCC8093,L1Q(M  
317 2SA1954-ATE85LF  
318 1SS309TE85LF  
319 1SV305TPH3  
320 02CZ6.8-ZTE85L  
321 2SC1815-YFM

322 1SS374(Te85L,F)  
323 SSM3K361R,LF(T  
324 MP4104Q  
325 S5688GTPA2Q  
326 1SS385TE85LF  
327 2SC3437-Y  
328 PN210022  
329 2SC1815-GRF  
330 RN1406TE85LF  
331 LP521-1GBF  
332 87C808NG-1H46(OA  
333 TLP3351(TP15,F)  
334 PN210033  
335 93CW46AFG-1B30(CJZ  
336 CRG02TE85L  
337 2SC3072-B(Te16L)  
338 TLP385(GRH-TPL,E(T  
339 JDV2S26FSTPL3  
340 BM1040R0B-G  
341 74LCX08FT(AE)  
342 TC358860XBG(GOH)  
343 CUS10S30,H3F(T  
344 2SK4106Q  
345 HN1C01FUTE85L  
346 1SS181T5LFT  
347 1S1830  
348 SSM3K15AMFV,L3F(T  
349 TLP2310(E(T  
350 SSM3K7002CFU,LF(B  
351 JBTC94B12-AS(EB)  
352 74LCX32FT(AJ)  
353 TK60S06K3L(T6L1,NQ  
354 1SS306(Te85L,F)  
355 1SS181,LF(T  
356 DF5A5.6JE  
357 SSM3J378R,LXGF(B  
358 1SS272(Te85L,F)  
359 DF2S6.8UFS,L3M(B  
360 RN1425(Te85L,F)  
361 TLP2200(TP1,F)  
362 2SC3266YTPE2  
363 2SC3326BTE85LF  
364 SSM6J505NU,LF(T  
365 CMS14TE12LQ  
366 CRG09A,RXGQ(M  
367 CMH07(Te12L,Q,M)

368 TJ80S04M3L(T6L1,NQ  
369 2SC2712-BL,LF(T  
370 DF5A6.8JETE85LF  
371 92CD28AIFG-7KA6(EL  
372 1SS272TE85LF  
373 GT60M303  
374 S-AU50H  
375 TLP293(GR-TPL,E(T  
376 CRG03(TE85L,Q)  
377 2SC2712BL-TE85R  
378 1SV229TPH3F  
379 TC7W241FU(TE12L.F)  
380 MG100Q2YS50AC  
381 1SS416CTTL3APE  
382 2SC3279-NTE2T  
383 2SC3325YTE85LF  
384 TLP183(BL-TPL,E(T  
385 2SC5171(Q,M)  
386 TB6569FGOEL  
387 1GH46  
388 TA78L05FTE12LF  
389 RN4902(TE85L,F)  
390 LTA035A350F  
391 2SK711-BLTE85LF  
392 1SV286(TPH3,F,T)  
393 DF2S6.8FSTL3T  
394 1SV279(TPH3,F)  
395 1SV279TPH3F  
396 TPCA8052-H(T2L1,VM  
397 HN1B04FE-GR,LF(T  
398 GT30J127,LS1CHAQ(M  
399 TK25N60X,S1EMRF(S  
400 MG200Q2YS40AC  
401 2SA1721-OTE85LF  
402 2SC1815YTE2FT  
403 2SD2257Q  
404 TLP130TPLF  
405 DF2S6.8MFS,L3F(T  
406 1SV278(TPH2 F)  
407 TC7W04FU(TE12L,F)  
408 TLP2766F(D4SCHTP,F  
409 2SC3281-O  
410 CMZ33(TE12L,Q,M)  
411 TLP385(D4GL-TL,E(T  
412 TB9386FG  
413 TLP2160(TP,F)

414 2SK30ATM-RFT  
415 TCR2EF33,LM(CT  
416 2SC1815-YTE2FT  
417 TK72A12N1,S4X(S  
418 1SS226TE85R  
419 TK49N65W5,S1F(S  
420 GT50JR22(STA1,E,S)  
421 2SA970-BLTPE2F  
422 RN4902(T5L,F,T)  
423 2SC2712S-GRLFD  
424 TLP185(V4GBTL,SE(T  
425 1SV286(TH3,F,T)  
426 TPCF8105TE85LFM  
427 TC7SZ125FU,LJ(CT  
428 CRZ16TL3CH  
429 1SS361,LJ(CB  
430 2SK3878(F)  
431 2SC2383-YCM  
432 MG150Q2YS50AC  
433 2SC5092-O(TE85L,F)  
434 CRS03TE85LQM  
435 2SC4793FM  
436 TLP127(TEE-TPL,F)  
437 DF5A6.8FUT5LFT  
438 02DZ16YTPH3F  
439 SSM3K341R,LF(T  
440 2SC2713-GR,LF(T  
441 TK1P90A,LQ(O  
442 SSM6J511NU,LF(T  
443 1SS404TPH3F  
444 DF5A6.8F  
445 SSM3J15FS-T5LFT  
446 CMS15(TE12L,Q,M)  
447 TZ1011MBG(O)  
448 TYC0FH121597RA  
449 MT3S113TU,LF(T  
450 2SK1062TE85LF  
451 2SK4017Q  
452 TLP172AM(TPR,E(O  
453 TLP191B(TPR,U,C,F)  
454 TLP293-4(GB-TP,E(T  
455 2SK2613(F)  
456 CRZ10(TE85L.Q.M)  
457 2SA1587-GR(TE85L,F  
458 2SC1815-Y  
459 2SC4667-OTE85LF

460 2SK3568STA4QM  
461 SK3568STA4XS  
462 2SA1201YTE12LCF  
463 HN1C01FU-GR,LF(T  
464 2SC2873-YTE12LF  
465 2SJ201-Y  
466 2SK3078-TE12L  
467 MBF2300RC  
468 RN1421(TE85L,F)  
469 TLP785(D4GR-T6,F(C  
470 2SD2012FM  
471 1SS319TE85RF  
472 DSF521  
473 DF2S6.8UFS,L3M(T  
474 2SA1015-GRFT  
475 1SS381TPH3F  
476 JDP2S12CR(TE85L,QM  
477 2SK209-BL(TE85L,F)  
478 2SK30ATM-O(F,T)  
479 2SC5323F  
480 74VHCT244AFT(BE)  
481 BM1198  
482 TLP126(F)  
483 LGM670-K1K2-1-0-10-R18  
484 SM2LZ47  
485 2SC4116-GR  
486 TC7SET34FU,LJ(CT  
487 RN1304TE85LF  
488 1SS344TE85LF  
489 2SK3756(TE12L,F)  
490 GT50J102  
491 1SS184TE85LF  
492 1SV284TPH3  
493 1SS302T5LFH  
494 TCD1209DG(8Z,K)  
495 74VHC126FT(BJ)  
496 SSM3J16CTTL3APPE  
497 TLP2303(TPL,E(T  
498 TK1R4F04PB,LQ(O  
499 2SC5353QM  
500 SSM6L61NU,LF(T  
501 TK12X53D(TE24L.Q)  
502 2SC2655-YTE6FM  
503 TLP621GR-TP1FT  
504 2SC3437-YTE85LF  
505 74VHC32FT(BE)

506 SD-C04G2CYBNWCKH  
507 CRZ13(TE85L,Q,M)  
508 RN1905,LF(CB  
509 2SA2154CT-GR.L3F(B  
510 GT30J127  
511 DF2B6.8ACT,L3F(T  
512 DF2B36FU,H3XGF(B  
513 2SA2121-O(Q)  
514 RN1423(TE85L,F)  
515 S5566BTPA2Q  
516 1SS387TPH3F  
517 TLP785(GR,F(C  
518 2SA1015-YTE2T  
519 TLP293(GRL-TPR,E(T  
520 TLP160G(TPL,U,F)  
521 1SS184,LF(T  
522 PN100003  
523 SM8LZ47  
524 1SS362  
525 CMH07(TE12L.Q.M)  
526 CMS11TE12LQ  
527 SSM3J15FSTE85L  
528 TCR2LF25,LM(CT  
529 TA75S393F(TE85L,F)  
530 TB62262FTAG(O,EL)  
531 TC4S66F,LF(B  
532 1SS302T5LFT  
533 GT25Q101  
534 1SS383TE85LF  
535 SSM3K35MFV,L3F(T  
536 2SA1721TE85LF  
537 2SC2712-Y(T5L,F,T)  
538 SSM3J374R,LXGF(B  
539 TLP781D4-GBF  
540 GT30J127(STA4,Q,M)  
541 CUS04TE85LQ  
542 2SD1415AF  
543 TC7WU04FU(TE12L,F)  
544 RBHMA4700ES  
545 HN1C03F-AT5LT  
546 TLP292(GR-TPR,E(T  
547 01ZA8.2TPL3F  
548 DF3A5.6FUTE85LF  
549 DF2S3.6STPL3F  
550 MG100Q2YS50  
551 TBD62003AFG(Z,EL)

552 RN1402(TE85R,F)  
553 TLP3127(TP,F(O  
554 1SS300TE85R  
555 SSM3K36MFV,L3F(T  
556 2SC4117-GR(TE85L,F  
557 LTD121C35S  
558 2SK1062F  
559 CMS15(TE12L,Q)  
560 1SS352(TPH3,F,D)  
561 TLP292(GR-TPL,E(T  
562 CRG02(TE85L,Q,M)  
563 CUS05S30,H3F(T  
564 1SS302(TE85L.F)  
565 SSM3J110TUTE85L  
566 2SC4793  
567 DF3A6.8FETE85LF  
568 TMP89FM42UG(C,ZHZ)  
569 2SJ380F  
570 2SK2605  
571 LTM09C362Z  
572 1SV281(TPH3,F)  
573 DF3A6.8F,LF(B  
574 TLP714(TP,F)  
575 02DZ10-YTPH3  
576 TK7A60W,S4VX(M  
577 1SV245(TH2,F,T)  
578 TC74HC14AF(EL,F)  
579 TC74VHCT32AF(E,K,F  
580 2SJ401TE24LQ  
581 TLP597A(F)  
582 MG100Q2YS1(EP)  
583 TTC004B,Q(S  
584 TC74VHC4040FK(EL,K  
585 TLP293-4(GBTPR,E(T  
586 SSM3J134TU,LF(T  
587 TC74VHC74F(EL,K,F)  
588 DF3A6.8LFVTPL3Z  
589 2SK117-GR(TPE2)  
590 TLP172AM(TPL,E(O  
591 74ACT02F(EL,F)  
592 2SJ313-Y(Q)  
593 MG75Q2YS11(AC)  
594 1SS184-TE85R  
595 2SC3425  
596 SM8LZ47F  
597 TA78L06FTE12L,F

598 DF2B6.8M1ACT,L3F(T  
599 RN4982FET5LCANOF  
600 2SA1162-GRT5LFT  
601 SSM3J132TU(TE85L)  
602 2SK3936(Q)  
603 LTM024A39A  
604 93CW46AFG-1B30(JZ)  
605 TBD62783AFWG(Z,EHZ  
606 TLP2168(TP,F)  
607 MP4104  
608 TPN30008NH,LQ(S  
609 BMP86A200010B  
610 TA7812F(TE16L1,NQ)  
611 2SK2865TE16L1Q  
612 RN1108MFV.L3F(T  
613 74VHC165FT(BE)  
614 2SA1020-YCM  
615 2SK3078ATE12LF  
616 2SC3112-B(TPE2)  
617 CRG04TE85LQ  
618 LTA085C185F  
619 TPH4R50ANH1,LHQ(M  
620 SSM3K16CT,L3F(T  
621 S5688GQ  
622 1SV270TPH3  
623 HN1K03FUTE85L  
624 1SS352(TPH3,F)  
625 JS9P15-AS-391  
626 TK40E10N1,S1X(S  
627 2SB908Q  
628 DF2S6.8FSTPL3  
629 TLP266J(TPL,E(T  
630 1SS196F  
631 TLP293(TPL,E(T  
632 TLP266J(T7-TPL,E(T  
633 3SK294(TE85L,F)  
634 TLP715F(D4-TP,F)  
635 BM87CS68DF0A  
636 TLP621-4(GB,F)  
637 TC74HC245AF(F)  
638 RN1227(F)  
639 74VHC00FT(BJ)  
640 2SA1162-GR(TE85L,F  
641 TC94A34FG-009(EL,C  
642 2SK2698FT  
643 TC74ACT541FT(EL)

644 74VHC138FT(BE)  
645 SSM6J414TU,LF(T  
646 1SS181T5LT  
647 2SA1312-GRTE85R  
648 DF2S6.8UFSTPL3  
649 2SA1941-OS1XS  
650 HN1A07F(TE85L,F)  
651 TK10A60D(STA4,X,S)  
652 TLP188(TPL,E(T  
653 1SS357TH3FT  
654 74VHC245FT(BE)  
655 SM6L05FU-TE85L  
656 2SC5108-YT5LFT  
657 TC74ACT240F(EL,F)  
658 TPH1110ENH,L1Q(M  
659 TLP590B(C,F)  
660 1SS393TE85LF  
661 TAR5S33U(TE85L,F)  
662 2SA1015-GR  
663 TJ80S04M3L(L1CH,NQ  
664 TLP124(BV-TPR,F)  
665 2SA1162-GR(T5L,F,T  
666 BM92CF29F0A-G  
667 2SK4013(STA4,Q,M)  
668 1SS427(TPL3)  
669 TLP291(GB,SE(T  
670 74VHCV240FT(BJ)  
671 TPN1600ANH,L1Q(M  
672 SSM3J132TU,LF(T  
673 74VHCT125AFT(BJ)  
674 SD-C02GET2(QYBLH)  
675 1SS387(TPH3,F)  
676 TLP5701(D4-TP,E(T  
677 1SS352,H3F(T  
678 SSM3K318R,LF(T  
679 RN2405,LF(T  
680 1SS379TE85L  
681 1SS193TE85LF  
682 DF2S6.8FSTH3T  
683 TC7W53FU,LF(T  
684 TLP109(TPR,E(T  
685 TC7S08F,LF(T  
686 RN1903T5LFT  
687 2SC6026MFVGR.L3F(B  
688 2SC1815-GRTE2T  
689 2SK1544Q

690 TPH4R50ANH1,LQ(M  
691 2SK3878(F,T)  
692 CUS10F30,H3F(T  
693 2SC4207GR(TE85L,F)  
694 1SV325,H3F(T  
695 2SC2240-BLTE2FT  
696 TLP291(BLL-TR,SE(T  
697 TCR2LN20,LF(S  
698 DF2S5.6FSTPL3  
699 TLPGV1100BT11VIS  
700 TPHR6503PL,L1Q  
701 2SK3475TE12LF  
702 1SS384(TE85L,F)  
703 CLH05(TE16L,Q)  
704 2SC5085-Y(TE85L,F)  
705 PN200007  
706 2SC4116-Y(F)  
707 1SS226T5RT  
708 TMP47P403VMG  
709 2SK3565(Q,M)  
710 2SA1162-GR,LF(T  
711 2SA1586-Y,LF(T  
712 TK15A60D(STA4,Q,M)  
713 PN210009  
714 74VHC573FT(BJ)  
715 1SV245TPH2  
716 2SD2257(Q,M)  
717 TLP185(TPL,SE(T  
718 1SS308TE85LF  
719 1SV285TPH3  
720 1SS416,L3M(B  
721 10JL2CZ47F  
722 2SA1213-YCF  
723 2SK3568  
724 1SS387TH3FT  
725 DF5A6.8F,LF(B  
726 CMS04(TE12L,Q,M)  
727 2SA1721-O(TE85L,F)  
728 1SV280TPH3  
729 1SS193(TE85L,F)  
730 CMF02(TE12L,Q,M)  
731 2SC3710A-YF  
732 2SD1784TE12LCF  
733 02DZ6.8-XTPH3F  
734 TPH1400ANH.L1Q(M  
735 2SK711-GRTE85RF

736 TPN7R504PL,LQ(S  
737 TC7SH08FE,LM(T  
738 TLP785(GB,F(C  
739 TLX9185A(SAIGBT(F(O  
740 2SC2879A  
741 74LCX245FT(AE)  
742 1SV215TH2FT  
743 1SV215TPH2F  
744 TLP185(V4SCBTRSE(T  
745 TC7SET04FU,LJ(CT  
746 DF2S7MSL,L3F(T  
747 TLP748J(D4,F)  
748 1SV278TH2FT  
749 RN47A4(TE85LF)  
750 TLP293(BLL-TPL,E(T  
751 1SV280TPH3F  
752 2SK208-GR(TE85L,F)  
753 2SC5171QM  
754 TLP785(BLL-TP6,F(C  
755 TC74HC4051AP(F)  
756 TLP291(GR-TP,SE(T  
757 1SV325TPH3  
758 2SK2662QT  
759 2SA1015-YT2SPT  
760 2SK209-GRTE85LF  
761 SSM3K7002KFU,LF(B  
762 2SC4738GRTE85L  
763 2SA1015-Y(F)  
764 2SA1930(Q,M)  
765 RN1426(TE85L,F)  
766 TLP2366(V4,E(T  
767 2SK1830TE85LF  
768 74VHCT14AFT(BJ)  
769 CRS08(TE85L.Q.M)  
770 CRG04,LICHIQ(M  
771 TPC8132,LQ(S  
772 MG75Q2YS11(ACF)  
773 2SK3863Q  
774 1SV278BTPH3F  
775 2SK3077(TE85L,F)  
776 TLP170J(TP,F)  
777 1SS314TPH3F  
778 MG150Q2YS50  
779 2SA1362YF  
780 1SV262(TPH3,F)  
781 TLP785F(D4GBT7,F(C

782 HN1L02FU-TE85L  
783 TLP2531(TP1,F)  
784 CMS01(TE12L.Q.M)  
785 2SC2555BS  
786 2SA562TM-Y(F,T)  
787 2SD1407A-YF  
788 SSM3J02FTE85LF  
789 2SC3419-Y  
790 1SS382-TE85L  
791 TK90S06N1L,LQ(O  
792 TC9560XBG(ES4)  
793 TC74VHCT08AF(E,K,F  
794 TLP127(TPL,U,F)  
795 MT4S100TTE85LF  
796 TLP785(GRH-TP6,F(C  
797 TA78L05F(TE12L,ZF)  
798 2SK1739AF  
799 BM11105  
800 2SC2120-Y(T)  
801 TPCA8064-H,L1Q(CM  
802 TPCA8058-H,LQ(M  
803 1JH46TPA2  
804 TPC8092,LQ(S  
805 TPN3300ANH,LQ(S  
806 2SA1943-OQ  
807 LT035MDQ30C2-0L100  
808 2SC5359-O(Q)  
809 TK9J90E,S1E(S  
810 TLP184(GB-TPL,SE(T  
811 1JH46TPA2Q  
812 TK13A60D(STA4,Q,M)  
813 74VHC273FT(BE)  
814 2SA970-BL(TPE2)  
815 CMG02TE12LQM  
816 92CD28AIFG-7KA6(CE  
817 1SV304TPH3  
818 CR2032BULK(TEA)  
819 HN1A01FU-GRTE85LF  
820 1SS388TPH3F  
821 SD-C04G2CYB(NWCKP)  
822 1SV305,L3F(T  
823 CMF02(TE12L,Q)  
824 2SK372-GRTPE4F  
825 2SJ668(TE16L1,NQ)  
826 TLP2361(V4-TPR,E(T  
827 TK15J50D(STA1,E,S)

828 2SK2963-TE12LF  
829 RBHBK4400CE  
830 TLP265J(TPL,E(T  
831 TC74VHC14F(EL,K,F)  
832 JDV2S41FSTL3T  
833 2SK209-Y  
834 1SS404,H3F(T  
835 2SK208-RTE85LF  
836 CRG09,RXHQ(M  
837 2SD1410AF  
838 TC4030BP(N,F)  
839 74VHC573FT(BE)  
840 SSM3J15FV(TL3AP.ZE  
841 RN1908  
842 CRF03(TE85L,Q,M)  
843 LTA065A043F  
844 TC74VHC541F(EL,K,F  
845 CMZ16TE12LQ  
846 2SK2661  
847 1SS396TE58LF  
848 74VHC123AFT(BE)  
849 TLP293(GR-TPL,E  
850 2SC4215-YTE85LF  
851 74VHC123AFT(BJ)  
852 2SK1829(TE85L,F)  
853 2SC4944GR  
854 TPC8125,LQ(S  
855 HN4C51J(TE85L,F)  
856 DF2B6.8M2SCTPL3  
857 SSM3K16FU,LF(T  
858 1SS416(TL3MOT)  
859 CRG09A,LQ(M  
860 TLP293(GB-TPL,E(T  
861 2SC4215-YTE85RF  
862 2SK3565(STA4,X,M)  
863 TLP385(D4GR-TR,E(T  
864 SM8LZ47Q  
865 2SA1941-O/2SC5198-O  
866 CMS06TE12LQM  
867 TC74VHC00F(EL,K,F)  
868 TC74HC04AF(EL,F)  
869 S5688G-TPA2Q  
870 TC4538BP(N,F)  
871 DSF01S30SL,L3F(T  
872 1SS226(T5LSNMN,F)  
873 2SK2718QT

874 TLP2105(TP,F)  
875 2SA1837FM  
876 TPCA8128,L1Q(CM  
877 2SK2545T  
878 CMS04TE12LQM  
879 CMS06TE12LQ  
880 2SK2920  
881 2SC5339-M  
882 2SK2917F  
883 2SC5087-Y(TE85L,F)  
884 CMS30I30ATE12LQ  
885 2SC1815-GRT5LT  
886 2SK4013  
887 SD-C02G2B1A  
888 TLP2761(D4-TP,E(T  
889 TCD2566BFG(Z,T,C)  
890 TC74HCT540AF(EL,F)  
891 2SC5200-O  
892 2SK2968FT  
893 SF10G41NQ  
894 HN4B101J(TE85L,F)  
895 2SK3994(Q,T)  
896 HN1B01FU-GR(L,F,T)  
897 MG75Q2YS50  
898 2SA1020-YFJ  
899 RN2402,LF(T  
900 TC58CYG1S3HRAIG  
901 RN1402,LF(T  
902 2SC5198-OQ  
903 2SK2662Q  
904 SSM3K37FS,LF(T  
905 JTMP92CH21BZ  
906 1SS226T5LT  
907 DF5A5.6JE,LM(T  
908 2SC4117-GRT5LM  
909 2SK880-YTE85LF  
910 2SC5200-R  
911 SMALL SIGNAL DIODE  
912 SSM3J355R,LF(B  
913 TC7SH00F,LJ(CT  
914 2SC5171(Q)  
915 SD-C02G2CYB(PYBKA)  
916 TLP2368(TPL,E(T  
917 TLP185(GRL-TR,SE(T  
918 SSM3K16CT,L3AP1F(B  
919 TLP350H(D4-TP1,F)

920 TC74VHC273F(EL,K,F  
921 TK10A60D(STA4,Q,M)  
922 RN1305,LF(T  
923 RBHK4400CE  
924 2SK2009(TE85L,F)  
925 CMF01(TE12L,Q)  
926 HN1C01FU-YT5LFT  
927 2SC1627A-YTE6CM  
928 TC7USB42MU,LF(S  
929 TJ60S06M3L,LXHQ(O  
930 TCR2EF30,LM(CT  
931 1SS387(TH3,F,T)  
932 TPN11003NL,LQ(S  
933 1SV279TH3T  
934 JDV2S14ETH3FT  
935 DF2S23P2CTC,L3F(T  
936 TPN5900CNH,L1Q(M  
937 2SK2962TPE6F  
938 74LCX138FT (AJ)  
939 TCR3UM30A,LF(S  
940 TDTC143Z,LM(T  
941 2SA970-GRTE2FT  
942 1SV232TH3F  
943 TC58NVG1S3ETA00B3H  
944 1SS382TE85LF  
945 2SC4409(F)  
946 SRF947NHC32C  
947 2SA2056(TE85L,F)  
948 2SK2545QT  
949 TLP290(GR-TP,SE(T  
950 TC7W74FU,LF(T  
951 SSM3J16FSTE85LF  
952 2SA1201-Y(TE12L,ZC  
953 93CW46AFG-1B30(CJZ)  
954 2SK1829TE85RF  
955 1SS321,LF(B  
956 TPN2R304PL,L1Q(M  
957 1SV305,L3F(B  
958 2SK161-Y  
959 TK100A10N1,S4X(S  
960 2SA1162-GRTE85LF  
961 RN2425TE85LF  
962 2SC5066-O,LF(T  
963 1SS322(TE85L,F)  
964 2SC2712-YT5LFT  
965 2SC5084-Y(TE85L,F

966 TC4030BPNF  
967 DF2B7ASL,L3F(T  
968 1SS181-TE85R  
969 2SC4116-GR(TE85L,F  
970 HN2C01FU-GRTE85L  
971 DF5A6.8JE  
972 TC7SH00FU,LJ(CB  
973 1SV215T2FM  
974 HN1A01F-GR  
975 2SK209-YTE85LF  
976 TC58NVG1S3ETA00B3H  
977 CRZ16TE85L  
978 MK1002TSKB  
979 2SC3668-YT2FM  
980 DF3A8.2LFETPL3  
981 TTC3710B,S4X(S  
982 TPH2R408QM,L1SOQ(M  
983 1SV215TPH4  
984 CRS15(TE85L,Q,M)  
985 2SD2012F  
986 CMS04TE12LQ  
987 HN1C01F-GRTE85LF  
988 2SA1163-GR(T5L,F,T  
989 CRY62(TE85L,Q,M)  
990 RN1602TE85LF  
991 2SC1959-YTE2FT  
992 2SK3911Q  
993 RN47A4T5LFT  
994 1SS187,LF(B  
995 SSM3J328R,LF(T  
996 1SS302-T5RL  
997 1SS184T5RFT  
998 SD-C02G9B1BYJBIF  
999 2SK4013QM  
1000 1SV290TPH2F  
1001 1SS403(TPH3,F)  
1002 TLP291-4(E(T  
1003 2SC3326-BTE85RF  
1004 DF2B6.8FS  
1005 RN1904.RSONYF(CB  
1006 TA48L05FTE12LF  
1007 SD-C16G2T2((PZCKH)  
1008 2SA2154CT-GR,L3F(T  
1009 DF2B7AE,H3F(T  
1010 1SS181,LF(B  
1011 2SK208GRTE85LF

1012 2SD2499FM  
1013 CRS04TE85LQM  
1014 1SV239TPH3  
1015 1SS226T5LFT  
1016 TC7SH17F,LJ(CT  
1017 MG200Q2YS50  
1018 TPWR8004PL,L1Q(M  
1019 2SC2873-Y(TE12L,CF  
1020 TLP190B(TPR,U,C,F)  
1021 TLP109(TPL,E(O  
1022 CUS08F30,H3F(T  
1023 74VHC153FT(BJ)  
1024 2SK30ATM-GR(F,T)  
1025 1SV323,H3FT  
1026 SD-C04G2CYCB(NWCKH)  
1027 SSM6N55NU,LF(T  
1028 TC74ACT574FT(EL)  
1029 RN1106,LF(CB  
1030 2SA1587-GRT5LFH  
1031 TPH4R50ANH,L1BQ(M  
1032 TLP785(D4-GR,F(C  
1033 SSM3J13TTE85L  
1034 RN2307  
1035 TC74VHC244F(EL,K,F  
1036 TTC5200(Q)  
1037 RN2702,LF(T  
1038 2SC3279-NTE2CM  
1039 DF3A6.8LFETE85LF  
1040 1SS387CTTL3APE  
1041 2SD2498MQ  
1042 TLP383(GRL-TPR,E(T  
1043 TLP293(Y-TPL,E(T  
1044 TC7W04FU,LF(B  
1045 2SC5712(TE12L,F)  
1046 MIG100Q6CMB1X  
1047 TLP387(D4-TPR,E(T  
1048 LTD089EXWS  
1049 1SS404,H3XGF(B  
1050 2SK2884-TE24RQ  
1051 2SC4738GRTE85LF  
1052 CUS520,H3F(T  
1053 RN4908(TE85L)  
1054 TK20A20D,S4X(S  
1055 SSM3J332R,LF(A  
1056 TK100E10N1,S1X(S  
1057 2SK2952

1058 RN1104FTTE85L  
1059 DF3A5.6FU(TE85L,F)  
1060 CES521,L3F(T  
1061 2SC1959-YT  
1062 2SK2847F  
1063 4N25SHORTF  
1064 TAR5S35(TE85L,F)  
1065 TLP351TP1F  
1066 2SA1955FV-ATPL3  
1067 2SA1360-OQ  
1068 RN2105MFV,L3F(T  
1069 TB6600HG(O)  
1070 TCK106AG,LF(S  
1071 2SA1162-GR(TE85L,F)  
1072 2SC5107-O(TE85R,F)  
1073 TPH1R403NL,L1Q(M  
1074 2SK3075(TE12L,Q)  
1075 TLP185(Y-TPL,SE(T  
1076 2SA1971(TE12L,F)  
1077 CRS03(TE85L,Q,M)  
1078 TC74VHCT14AF(E,K,F  
1079 2SK1359F  
1080 TLP2761(TP,E(T  
1081 MG50J2YS50AC  
1082 TB62209FG(O,EL)  
1083 TLP781K(TELS2T6F(C  
1084 2SC3307ZF  
1085 2SC5198-OS1XS  
1086 TC74HCT541AF(EL,F)  
1087 86CM23AUG-7HE6(CJZ )  
1088 TC74VHC08F(EL,K,F)  
1089 CRS02(TE85L,Q,M)  
1090 DF5A6.8LF(T85R)  
1091 01ZA8.2TPL3  
1092 2SJ412SMQ  
1093 74VHC4040FT(BJ)  
1094 SSM3K335R,LF(A  
1095 AB3X2X3SM  
1096 TB9404AFTG(UMCASEB  
1097 2SA1015-GRSPFT  
1098 TK35N65W5,S1F(S  
1099 MG50Q2YS50AC  
1100 1SS385FV,L3F(T  
1101 DSR520,H3F(A  
1102 2SC4944-GRTE85L  
1103 SSM6L39TU,LF(T

1104 JDV2S71ETPH2,F  
1105 RN1201TE4FT  
1106 2SK3562STA4QT  
1107 1SS389(TL3,F,D)  
1108 S-AU50L  
1109 T6VU7XBG-0001(O)  
1110 JDV2S29SC(TPL3)  
1111 BMSKTOPASM380(HI)  
1112 1SS181-TE85R(T5R,M)  
1113 2SA1213-Y(TE12LF)  
1114 2SK4106STA4QT  
1115 TC74ACT00FT(EL)  
1116 TC7SZ04FU(TE85L.F)  
1117 TPH4R008NH,L1Q(M)  
1118 TB9081FG  
1119 TC7WZ17FU,LJ(CT  
1120 CUS01(TE85L,Q,M)  
1121 SSM3J328R,LF(B  
1122 2SC2713-GRTE85R  
1123 2SJ360(TE12L,F)  
1124 2SK170GRTPE2F  
1125 TLP3350(TP15,F)  
1126 RN4606TE85LF  
1127 DF2S6.8ASL,L3F(T  
1128 TLP176G(F)  
1129 TC358748XBG(EL)  
1130 RN47A4  
1131 TC58NVG1S3ETA00B3H  
1132 1SV311(TPH3,F)  
1133 2SK3878STA1ES  
1134 TC74AC04F(EL,F)  
1135 TLP291(YH-TP,SE(T  
1136 2SA10157C(F)  
1137 SSM3K2615R,LF(T  
1138 RN1401T5LFT  
1139 SSM3J15FV,L3F(T  
1140 2SA1213-OTE12LCF  
1141 1SV331TPH3F  
1142 TLP350(D4-TP1,F)  
1143 HN1B01FU-GR.LF(T  
1144 TLP621GBF  
1145 2SC3668-Y(TPF2,F)  
1146 LB4X2X8U  
1147 TLP185(GB-TPR.E(O  
1148 1SS196(TE85L,F)  
1149 1SV231TH3F

1150 2SA1428-YT2FM  
1151 1SV324(TPH3,F)  
1152 TCR15AG09,LF(S  
1153 RN1406T5LFT  
1154 1SS357TPH3F  
1155 TBD62083AFWG(Z,EHZ  
1156 BM87CP23F0B  
1157 S5566N  
1158 2SA1587-GR,LF(T  
1159 015AZ2.0-XTPL3F  
1160 2SK3569STA4XS  
1161 T9P77AF-03JDZ  
1162 2SC4738-YT5LFT  
1163 2SC2510A  
1164 HN2C01FE-GRT5LF  
1165 TA75W393FU,LF(B  
1166 GT15Q101  
1167 HN1A01FU-GRLFT  
1168 SSM3J338R,LF(T  
1169 TPH4R50ANH,L1Q(M  
1170 TLP3073(F(O  
1171 2SC2983-O/Y  
1172 RN1402-T5LT  
1173 TLP290(V4GBTP,SE(T  
1174 RN1101T5LFT  
1175 HN2S03FU(TE85L,F)  
1176 1SS348(TE85L,F)  
1177 TLP388(GB-TPL,E(T  
1178 2SK2611(F,T)  
1179 2SC3423-O  
1180 TLP182(BL-TPL,E(T  
1181 TK7P60W5,RVQ(S  
1182 1SS372(TE85L,F)  
1183 RN1108MFV(TL3,T)  
1184 BMP86D044DE0A  
1185 TLP2161(V4-TP,F)  
1186 SSM6N35FE(TE85L,F)  
1187 2SD633Z  
1188 RN1202  
1189 1SV284TPH3F  
1190 2SD2499LB303QM  
1191 2SK3562STA4QM  
1192 2SC5200N(S1,E,S)  
1193 SSM3K16CTTPL3  
1194 DF2B7AE,L3F(T  
1195 MK8050GACY

1196 1SV277TPH3F  
1197 CUS04  
1198 RBHMS4700CE  
1199 1SS387CT(TL3AP.E)  
1200 TK1R4F04PB,LXGQ(O  
1201 HN4A56JU(TE85L,F)  
1202 TC74ACT04F(EL,F)  
1203 TLP3052A(TP1,F(O  
1204 74VHC393FT(BJ)  
1205 TLP352(D4-TP1,F)  
1206 1SS226TE85LF  
1207 1SV324TPH3F  
1208 2SC4116-GRT5LFT  
1209 CMS30I30ATE12LQM  
1210 TC75S57F,LF(T  
1211 CMG03TE12LQ  
1212 1SV277TPH3  
1213 LT104AC36100  
1214 TPW4R008NH,L1Q(M  
1215 SSM3K339R,LF(B  
1216 RN47A4TE85LF  
1217 TLP3115(TP.F)  
1218 TC74HCT244AF(EL,F)  
1219 TC4049BP(N,F)  
1220 TLP3123(F)  
1221 TLP2745(TP,E(T  
1222 RN1112FTTE85LF  
1223 RN2401T5LT  
1224 1SS421(TPL3,F)  
1225 TC74VHC123AF(E,K,F  
1226 2SC2712-Y(TE85L.F)  
1227 2SC2510  
1228 DF2B7ASL,L3F(B  
1229 2SA1721TE85L  
1230 1SV287TPH3F  
1231 GT50J121Q  
1232 SSM6H19NU,LF(B  
1233 TLP291(GB-TP,SE(T  
1234 2SC2235-YFM  
1235 74LCX00FT(AE)  
1236 DF2S6.8UFS.L3M(T  
1237 2SC2383-O  
1238 MG300J2YS50AC  
1239 SSM3K15AFS,LF(T  
1240 TLP785F(Y,F(C  
1241 SSM6N15AFU,LF(T

1242 TLP184(GR-TPR,SE(T  
1243 RN2105(T5L,F,T)  
1244 SD-C08G2T2  
1245 GT25G101Q  
1246 S5688JTPA2Q  
1247 2SK2845TE16L1Q  
1248 TZ1011MBG(O)  
1249 2SC5086-YTE85LF  
1250 TCR2LN33,LF(S  
1251 2SC3123TE85R  
1252 2SA1736TE12LF  
1253 2SK3566Q  
1254 DF2S6.8ASL,L3F  
1255 TK62N60W5,S1VF(S  
1256 CRG04(TE85L,Q)  
1257 MG75J2YS50  
1258 74VHCT244AFT(BJ)  
1259 2SC2712-Y.LF(B  
1260 1SV214TPH3  
1261 SF10G41N  
1262 1SS417TPL3  
1263 TLP559(F)  
1264 RN1402SLFD  
1265 TK25V60X,LQ(S  
1266 TLP2301(TPL,E(T  
1267 TCD1305DG(8Z,AW)  
1268 2SC3072-B  
1269 2SC5200-O(Q)  
1270 2SA1020-Y  
1271 TK16E60W,S1VX(S  
1272 6N137F  
1273 2SC2500-CTE6CM  
1274 1SV229TPH3  
1275 2SK2679QT  
1276 1SS314TH3FT  
1277 MG400Q1US51AC  
1278 2SK3078TE12LF  
1279 2SA2058TE85LF  
1280 TK20J50D(STA1,E,S)  
1281 74VHC125FT(BJ)  
1282 SD-C01G2B1BAFBGF  
1283 TLP785(D4B-TR6,F(C  
1284 CMC01TE85LQ  
1285 2SK2883Q  
1286 2SC2458-Y(F,T)  
1287 TLP185(GB,SE(T

1288 1SV215TPH2  
1289 1SS370TE85LF  
1290 TPH2R408QM,L1Q(M  
1291 RN2310(TE85L.F)  
1292 TPCA8121,L1Q(CM  
1293 TC7SH86F,LJ(CT  
1294 2SK2611(T)  
1295 BM1040R0A  
1296 2SA970-BLTE2FT  
1297 SSM3K35CTC,L3F(B  
1298 GT25Q102(Q)  
1299 2SD2206(TE6,F,M)  
1300 TLP385(D4GB-TL,E(T  
1301 2SK3387TE24LQ  
1302 1SS362TE85L  
1303 2SC3423-OQ  
1304 TLP291(GB-TP,SE(O  
1305 74HC04AP(F)  
1306 SK117-Y(TPE2,F)  
1307 2SC3326-A,LF(T  
1308 TPC8134,LQ(S  
1309 TLP290-4(GB-TP,E(T  
1310 TK62N60W5,S1EMRF(S  
1311 TLP350(F)  
1312 PN210008  
1313 2SK246-BLFT  
1314 SSM3K35AMFV,L3F(T  
1315 SM25JZ51F  
1316 6N136F  
1317 2SA1162S-GRLFD  
1318 2SK3476TE12LQ  
1319 2SC3123T5LFT  
1320 TC74HC08AFELF  
1321 SSM3K324R,LF(T  
1322 SSM3K35AFS,LF(T  
1323 RN1406,LF(T  
1324 TCR2LN21,LF(S  
1325 2SK2952QM  
1326 CMZ16TE12LQM  
1327 TLP2748(TP4,E(O  
1328 2SC4793M  
1329 TLP748J(F)  
1330 PN210024  
1331 1SV331TH3FT  
1332 2SK3566(STA4,Q,M)  
1333 TC58NVG1S3ETA00B3H

1334 1SS418APE  
1335 2SK2865TE16L1NQ  
1336 TLP2409(TP,F)  
1337 TC4S584FT5LFT  
1338 TLP2710(D4-TP,E(O  
1339 CRZ13TE85LF  
1340 74VHC125FT(BE)  
1341 TC62D749CFG(O,EL)  
1342 2SC1815-GR  
1343 CRH01(TE85L,Q,M)  
1344 SSM3K15F,LF(T  
1345 MT4S100TTE85L  
1346 BM11203  
1347 TC74VHC02F(EL,K,F)  
1348 2SK4207(Q)  
1349 2SK3077(TE85L,F)  
1350 SM1G43-N  
1351 TLP293(V4BLLTL,E(T  
1352 TCD1209DG8ZW  
1353 74VHC86FT(BE)  
1354 2SK2312  
1355 CMS03(TE12L,Q,M)  
1356 THGBMHG8C2LBAILH40  
1357 TK100E08N1,S1X(S  
1358 WRONG  
1359 2SA1302-O  
1360 2SA1182-YT5LFT  
1361 DF2B6.8AFS,L3M(T  
1362 TLP7820(D4ALF4,E(O  
1363 2SA1931  
1364 2SK2608  
1365 LS75C4DK-T  
1366 TLP293(V4-GBTL,E(T  
1367 2SK1530-YF  
1368 SSM3K37FS,LF(B  
1369 2SC5352  
1370 2SK2399(TE16L1,NQ)  
1371 TPHR8504PL,L1Q(M  
1372 TLP291(GRH-TP,SE(T  
1373 TCD1103GFG(8Z,AA)  
1374 74VHCT126AFT(BJ)  
1375 TC358778XBG(EL)  
1376 1SV228(TPH.3F)  
1377 TC4011BPNF  
1378 HN1A01FU-GR  
1379 1SV305(TPH3,F)

1380 1SS378(TE85L,F)  
1381 CRY91(TE85L,Q,M)  
1382 1SV309(TH3,F,T)  
1383 DF2B6M4CT,L3F(T  
1384 TK31N60X,S1F(S  
1385 RN4985,LF(CT  
1386 TPN4R303NL,L1Q(M  
1387 TCK107G,LF(S  
1388 2SA1255YT6L1NQ  
1389 2SC4738-GR(TE85L,F  
1390 CRS08TE85LQ  
1391 1SS315-TPH3  
1392 CRS03(TE85L,Q)  
1393 2SC3668-Y,T2F(M  
1394 RN4981(T5L.F.T)  
1395 2SC2712-GR  
1396 MT3S04AT(TE85L,F)  
1397 HN7G06FE-ATE85LF  
1398 PN210007  
1399 CRS10I30A  
1400 RN1501(TE85L,F)  
1401 LT084AC27500  
1402 TLP290-4(V4GBTPE(T  
1403 2SA1587-GRT5LFHB  
1404 CUS05S40,H3F(T  
1405 2SA1587-GR  
1406 2SA1162-YT5LFT  
1407 MT4S04ATE85L  
1408 1SV230TPH3  
1409 GT30J127(STA4,Q)  
1410 2SK3078A(TE12L,F)  
1411 GT30F126,LS1CHAQ(M  
1412 TK25N60X,S1F(S  
1413 2SJ168(TE85L,F)  
1414 6N137  
1415 1SS349TE85L  
1416 SSM3J332R,LF(T  
1417 1SS184(T5L,F,T)  
1418 TC74HC4066AF(EL,F)  
1419 2SC4497-O(TE85L,F)  
1420 RN1108MFV.L3F(B  
1421 S5566B  
1422 2SJ508 (TE12L,F)  
1423 TLP525G(F)  
1424 HN1C01FU-Y  
1425 TLP292(V4SCGRTRE(T

1426 TC74HC123AF(ELNE,F  
1427 2SD1223(TE16L1,NQ)  
1428 2SC1815-YFT  
1429 1SS311TE85LF  
1430 2SK2789SM  
1431 2SK2700GQ  
1432 CRS08TE85LQM  
1433 TC74HC423AP(NEW,F)  
1434 3SK294TE85LF  
1435 TK12A80W,S4X(S  
1436 TJ100F06M3L(T4L,Q)  
1437 TC74VHC32F(EL,K,F)  
1438 2SD2012  
1439 2SA1771F  
1440 SSM6N39TU,LF(T  
1441 TCK107AG,LF(S  
1442 DF2S6.8FSTL3CH  
1443 TLP715(D4-TP,F)  
1444 HN1L02FUTE85LF  
1445 2SC1815-GRFT  
1446 TC358762XBG(EL)  
1447 TLP182(GB,E(T  
1448 TC4051BFT(EL,N,M)  
1449 TMPM370FYFG(C)  
1450 CRS08(TE85LCANO,Q)  
1451 TLP2366(V4-TPL,E(T  
1452 2SC2881-Y(TE12R,ZC  
1453 CRS09TE85LQ  
1454 2SK170-VTPE2F  
1455 SSM3K15F(TE85L,F)  
1456 74LCX157FT(AJ)  
1457 GT15J321STA4QT  
1458 1SV279TPH3  
1459 TJ30S06M3L(T6L1,NQ  
1460 TK13A65D(STA4,Q,M)  
1461 DF3A3.6FV(TPL3,Z)  
1462 BM11116  
1463 MP4015Q  
1464 CRS01(TE85L,Q,M)  
1465 2SK3265FT  
1466 SD-C02G2CYB  
1467 TPCA8055-H,LQ(M  
1468 02DZ10-ZTPH3  
1469 2SA1586-GR,LF(T  
1470 DF3A6.8UFUTE85LF  
1471 TC9560XBG(CS1)

1472 2SB1015A-Y(F)  
1473 92CD28AIFG-7KA(EL  
1474 1SS387,H3F(B  
1475 TLP240J(D4-TP1,F(O  
1476 1SS181TE85LF  
1477 RN1401,LF(T  
1478 2SA1360-O  
1479 CMG02(TE12L,Q)  
1480 TLP3073(D4,TP5,F(O  
1481 TCR2EE33,LM(CT  
1482 74VHC14FT(BJ)  
1483 2SC5317FTTE85LF  
1484 2SK30ATM-GRT2FT  
1485 2SK3301TE16L1NQ  
1486 LTM08C351S  
1487 MQ04ABD200  
1488 1SS315TPH3F  
1489 RN1310(TE85L.F)  
1490 2SA1020-YF  
1491 2SA950-Y(TPE2,F)  
1492 1SS187(T5LM)  
1493 DF3A6.2FV,L3F(T  
1494 1SS361(TE85L,F)  
1495 TCR2EF33LMT  
1496 TPCC8103,L1Q(CM  
1497 2SA2056TE85LF  
1498 2SC5108-YTE85L  
1499 TTA006B,Q(S  
1500 AB4X2X8W  
1501 2SK2507F  
1502 TLP185(GR-TPR,SE(T  
1503 TLP268J(TPR,E(T  
1504 SSM3K15FS(TE85L,F)  
1505 RN1402(TE85L,F)  
1506 MT3S111PTE12LF  
1507 TLP351(F)  
1508 2SC2712-YTE85LF  
1509 JDV2S08S(TPH3,F)  
1510 BMP86D020MCOA  
1511 2SC2383-YFM  
1512 SSM3K345R,LF(T  
1513 TC74VHC04F(EL,K,F)  
1514 TLP383(D4GH-TL,E(T  
1515 TC7W14FU,LF(T  
1516 2SJ401(Q)  
1517 SSM6N7002KFU,LF(T

1518 TC74ACT540F(EL,F)  
1519 74VHC595FT(BJ)  
1520 AB3X2X3W  
1521 TLP185(GR-TPR,E(T  
1522 TPH2900ENH,L1Q(M  
1523 2SK39119Q  
1524 MG200Q2YS50AC  
1525 2SA1943-O  
1526 CUS02TE85LQ  
1527 DF5A6.8LFUTE85LF  
1528 RN1402T5LFT  
1529 TC58NVG1S3ETA00B3H  
1530 2SC2710-Y  
1531 TBD62083AFNG(Z,EL)  
1532 1SS420TPL3F  
1533 SSM6K781G,LF(S  
1534 2SC2712-YT5LT  
1535 2SC5352F  
1536 2SC2120-YFT  
1537 PN210020A  
1538 CUS05S30,H3F  
1539 TTA1943(Q)  
1540 2SK209-GR(TE85L.F)  
1541 BM11204  
1542 2SK2837Q  
1543 SSM3J05FUTE85LF  
1544 BM11162  
1545 TLP2745(D4-TP4,E(O  
1546 TLP170A(F)  
1547 TLX9291A(NKTGBTF(O  
1548 1SV128-ATE85LF  
1549 TK20A60W5,S5VX(M  
1550 1SS250T5LFT  
1551 TC7WB66CFK,LF(CT  
1552 BCC557-BTE2FT  
1553 2SA1244-YT6L1NQ  
1554 RBHCP4909ES  
1555 1SV280,H3F(T  
1556 2SK2865TE16L1.N  
1557 CRS06-TE85LQ  
1558 HN1AO1FU-GRTE85LF  
1559 SSM3J16FVTL3APZE  
1560 TBD62783AFG(Z,EL)  
1561 2SK3475(T2LVX,F)  
1562 TK12A50D(STA4,X,S)  
1563 1SV311TH3FT

1564 TPH12008NH,L1Q(M)  
1565 TCK321G,LF(S)  
1566 2SK2961TPE6  
1567 2SK3565(STA4,Q,M)  
1568 DF2S5.6FS(TL3,T)  
1569 TLP5754(D4-TP,E(T  
1570 DF3A6.8UFU,LF(T  
1571 JDV2S14ETPH3F  
1572 TLP591B(C,F)  
1573 DF2S6.8FS,L3M(T  
1574 TMP89FH42UG(C,KJZ)  
1575 74VHC04FT(BE)  
1576 TBD62064AFG(Z,EL)  
1577 SSM6K202FE,LF(CA  
1578 2SD2499LF303  
1579 RN1106MFV(TL3,T)  
1580 1SS226(TE85L,F)  
1581 TMPM3HNFDFG(DBB)  
1582 1SV276TPH3F  
1583 2SK2610FT  
1584 2SA1452A-YF  
1585 2SK2231TE16L1NQ  
1586 CMS02(TE12L,Q,M)  
1587 2SA1428-YTPF2F  
1588 MG150J2YS50AC  
1589 HN1C01FU-GRT5LF  
1590 2SC1815-BLTE2FT  
1591 74VHC08FT(BE)  
1592 TC7PZ07FU,LJ(CB  
1593 TLP3083(D4,TP5,F(O  
1594 2SA1943-O(Q)  
1595 GT50J325Q  
1596 2SC6033(TE85L,F)  
1597 1SS272-TE85L  
1598 JDV2S08STPH3F  
1599 TB6552FTG(O,8,EL)  
1600 TLP785F(D4-GRL,F(C  
1601 2SA1586-Y,LF(B  
1602 TK16A60W,S4VX(M  
1603 RN1401TE85LF  
1604 RN2427TE85LF  
1605 MG150Q2YS65HAC  
1606 2SA1293-Y  
1607 TK80E08K3(S1,Q,D)  
1608 1S1830Q  
1609 2SC2240-BLT

1610 1SS294(TE85L,F)  
1611 1SS302A,LF(T  
1612 CRG04(TE85L,Q,M)  
1613 TPW3R70APL,L1Q(M  
1614 LTA106C210F  
1615 1SS387CTTL3CE  
1616 CTS05S40,L3F(B  
1617 TPWR6003PL,L1Q(M  
1618 74VHC273FT(BJ)  
1619 TLP2745(D4-TP,E(O  
1620 2SC3405TE16L1NQ  
1621 2SK2952Q  
1622 1SV285TPH3F  
1623 RN2106TE85L  
1624 TLP176AM(TPL,E(O  
1625 2SK940TPE6  
1626 CRG03,LICHIQ(M  
1627 SSM6N35FE,LM(T  
1628 SERVICE-FEE  
1629 THGBMJG8C4LBAU8  
1630 TC7SZ14AFS,L3J(B  
1631 RN1910,LF(CT  
1632 SSM3J16FUTE85LF  
1633 1SV308(TPH3,F)  
1634 2SK302-YTE85L  
1635 74VHC4052AFT(BJ)  
1636 74VHCT240AFT(BJ)  
1637 2SJ377Q  
1638 TC4052BPNF  
1639 TC7SZ05FE,LJ(CT  
1640 HN1K05FUTE85LF  
1641 CRH01(TE85L,Q)  
1642 LTA050B890F  
1643 2SK2700Q  
1644 TC7MPB9307FT(EL)  
1645 TMP89FM42UG(C,KJZ)  
1646 2SC5064-YTE85LF  
1647 1SS294,LF(T  
1648 1SV232TPH3  
1649 SSM3K15FS,LF(T  
1650 RN1108MFV.L37F(B  
1651 DF2S6.8FS(TL3PMC.E  
1652 74VHC157FT(BJ)  
1653 TC74LCX16244(EL,F)  
1654 TK4A50D(STA4,Q,M)  
1655 TMP47P403VMGZO

1656 JDV2S08FS(TPL3)  
1657 CUS520,H3F(B  
1658 2SK3078A(TE12L)  
1659 2SK3569  
1660 TB6612FNG(O,C,8,EL  
1661 1SV228TPH3  
1662 CMS05TE12LQ  
1663 2SA1020-YFM  
1664 TC74VHCT541AF(EK,F  
1665 BM11662  
1666 RN1104MFV(TPL3)  
1667 TC4069UBP(N,F)  
1668 2SA1296-GR(F)  
1669 GT30F126  
1670 2SC2458-Y  
1671 TLP291(TP,SE(T  
1672 4N25SHORT  
1673 1SV281TPH3  
1674 2SC4116-BL,LF(T  
1675 DF2S6.2ASL,L3F(B  
1676 TC358779XBG(NOK)  
1677 2SC2712-GRT5LFT  
1678 TC74ACT574FELF  
1679 JT5AN9  
1680 TK58E06N1,S1X(S  
1681 RN1105MFVTL3T  
1682 2SC3421-YQ  
1683 2SK3566(Q,M)  
1684 HN1A01FU-YTE85LF  
1685 CAPRICORN A AOB  
1686 015AZ6.8-YTPL3  
1687 2SK3566STA4QM  
1688 2SA1943Q  
1689 TLP785(D4IVCTR6F(C  
1690 RN2105,LF(CB  
1691 TC7SZ07FE,LJ(CT  
1692 2SK3565STA4QM  
1693 74VHC05FT(BE)  
1694 R6KG(S)CP-2  
1695 1SS374(T5L,F,T)  
1696 TLP5754(TP,E(O  
1697 CMS06(TE12L,Q,M)  
1698 2SD2499LB303FM  
1699 2SK2313  
1700 SSM3J15FS(TE85L.F)  
1701 TC4S584F,LF(T

1702 TPHR7904PB,L1HLQ(O  
1703 RN2406,LF(T  
1704 RN4983TE85L  
1705 SSM3K336R,LF(T  
1706 2SC5358-OQ  
1707 1SS301,LF(B  
1708 6N137(F)  
1709 TLP5752(D4-TP4,E(O  
1710 TCR13AGADJ,LF(S  
1711 TLP292(GB-TPL,E(T  
1712 1SS385TE85L  
1713 02CZ18-YTE85LF  
1714 2SK2231(TE16L1,NQ)  
1715 1SS381TPH3  
1716 74VHC164FT(BE)  
1717 2SA1312-BL(TE85L,F  
1718 TLP290(GB-TP,SE(T  
1719 2SK2698F  
1720 74LCX273FT(AJ)  
1721 2SJ412Q  
1722 HN1B01FU-GR,LF(T  
1723 DF5A6.8FUTE85L  
1724 TC4066BP(N,F)  
1725 1SV305TH3FT  
1726 CRS01TE85LQM  
1727 74VHCT240AFT(BE)  
1728 TPH11006NL,LQ(S  
1729 1SS389TPH3F  
1730 1SS389,L3F(T  
1731 BC327-25TE2T  
1732 CMF01TE12LQ  
1733 CES521.L3F(D  
1734 015AZ5.6-Y  
1735 TC7WH34FU,LJ(CT  
1736 2SC4497-OTE85LF  
1737 TLP2601(LF1,F)  
1738 74LCX04FT(AJ)  
1739 BM11156  
1740 2SC5200-O(S1,F,S)  
1741 2SC5086-Y(T5LTORIF  
1742 TLP185(GR-TPL,SE(T  
1743 2SC4116-YTE85LF  
1744 HN1A01F-GR(TE85L,F  
1745 TTC011B,Q(S  
1746 TPD2007F(EL,F)  
1747 LTA085C185F(AFT)

1748 2SD1410A  
1749 2SC5084-YTE85LF  
1750 TC7WH08FU,LJ(CT  
1751 2SA1586-GRTE85L  
1752 1SS187,LF(T  
1753 SSM3J15FST5LFT  
1754 TPCC8066-H,LQ(S  
1755 TK39N60W5,S1VF(S  
1756 2SK2615TE12L  
1757 2SK2782Q  
1758 74LCX04FT(AE)  
1759 SSM3J35CT,L3F(T  
1760 SSM3J56MFV,L3F(T  
1761 CMS15(TE12L,Q,M  
1762 RN1426TE85L  
1763 MG600Q1US51  
1764 TCD1706DG(8Z,AW)  
1765 1SV214(TH3,F,T)  
1766 3SK293(TE85L,F)  
1767 CRG05TE85LPASQ  
1768 2SK3476TE12L  
1769 TC74AC02F(EL,F)  
1770 TLP5772(TP,E(T  
1771 2SC4117-GRTE85LF  
1772 T2N7002AK,LM(T  
1773 TK1R5R04PB,LNEXQ(O  
1774 BC547-BTE2FT  
1775 TLP185(GR-TPL,E(O  
1776 1SV322TPH3  
1777 2SC6026-GRTPL3  
1778 2SC4409(TE12L,F)  
1779 1SV270(TPH3,F)  
1780 LTD121C35S(C1)  
1781 RN1505(TE85L,F)  
1782 TLP2361(TPL,E(T  
1783 1SS392TE85LF  
1784 TK31E60X,S1X(S  
1785 DF3A6.8CT  
1786 TLP5214(TP,E(O  
1787 1SS421TH3FT  
1788 TLP176GA(TP,F)  
1789 2SK210-BL(TE85L,F)  
1790 TLP383(D4YH-TL,E  
1791 1SV231TPH3F  
1792 TPH4R50ANH,LQ(M1  
1793 SSM3J356R,LF(B

1794 TLP250(F)  
1795 1SS362FV,L3F(T  
1796 2SC4116-YT5LFH  
1797 74VHCT08AFT(BJ)  
1798 LT084AC27H00  
1799 S5688G-TPA2  
1800 TLP222A(F)  
1801 TLP785(GR-TP6,F(C  
1802 74VHC02FT(BJ)  
1803 TMP89FM45QUG(ACJZ)  
1804 2SA1015-GRT2SPT  
1805 74LCX14FT(AJ)  
1806 RBHCP4940ES  
1807 TC7S08FU,LF(T  
1808 1SS420TH3FT  
1809 DF2S16FS,L3M(B  
1810 2SK2231Q  
1811 1SS181TE85L  
1812 TJ60S04M3L(T6L1,NQ  
1813 TCS40DPR,LF(T  
1814 2SC4738F-GR(T5L,F)  
1815 2SD2499LB303  
1816 TLP2309(TPR,E(T  
1817 2SK1529-Y  
1818 TLP291-4(V4GBTPE(T  
1819 2SJ380  
1820 1SV270TPH3F  
1821 CRY62(TE85L.Q.M)  
1822 SSM3K127TU,LXGF(T  
1823 RN1910(TE85L,F)  
1824 TC7SH14FU,LJ(CT  
1825 1SV231TPH3  
1826 DSF01S30SC,L3APF(B  
1827 2SJ407F  
1828 2SK2700  
1829 1SS393(TE85L,F)  
1830 PN210023  
1831 BC557-BTE2FT  
1832 DF5A6.8LFUT5LFT  
1833 TAR5S50U(TE85L,F)  
1834 DF3A8.2LFE  
1835 2SC2712GR-T5LFT  
1836 MT3S20TU(TE85L)  
1837 1SS367,H3F(B  
1838 2SK711-GRTE85LF  
1839 2SK2964TE12LF

1840 2SC2290A  
1841 TLP715(TP,F)  
1842 TLP626(BV-LF1,F)  
1843 2SC1815-YT  
1844 1SV286TPH3F  
1845 TPH1R712MD,L1Q(M  
1846 2SC5048-M  
1847 RN1702,LF(T  
1848 2SD2498M  
1849 74VHC595FT(BE)  
1850 1SS389,L3F(B  
1851 RN1406T5LT  
1852 1SS398(TE85L,F)  
1853 SSM3J331R,LF(T  
1854 TC7SH32FU(TE85L,JF  
1855 DF5A5.6LFULFT  
1856 TK12A65D(STA4,X,M)  
1857 SD-C04G2T2  
1858 2SA1954-ATE85L  
1859 MT3S111P(TE12L,F)  
1860 TC7WH02FU,LJ(CT  
1861 TPH1500CNH,L1Q(M  
1862 2SD2499M  
1863 JS8851-AS  
1864 TBD62003AFWG(Z,EHZ  
1865 TLP7820(B-TP4,E(O  
1866 BM95CS64F0B-M15  
1867 2SA1358-Y(Q)  
1868 TLP620(F)  
1869 2SC3325-YTE85RF  
1870 02CZ3.0-XTE85L  
1871 CRG01TE85LQM  
1872 2SK2842  
1873 2SK4019(Q)  
1874 HN1B01FU-GRTE85LF  
1875 RN2705,LF(T  
1876 RN1308TE85LF  
1877 SD-C02GEB1A(QYBLH)  
1878 DF2S16FSTPL3  
1879 2SJ148(F)  
1880 HN1B01FU-GRTE85LF  
1881 JDV2S08S  
1882 RBHMA4500CE  
1883 TCD1304DG(8Z,K)  
1884 TLP3063(TP1,S,C,F)  
1885 TPHR9003NL,L1Q(M

1886 HN2D03F(TE85L,F)  
1887 2SC2873-YTE12LCF  
1888 HN3C51F-GR(TE85L,F)  
1889 2SA1681(TE12L,F)  
1890 CRS04(TE85L,Q,M)  
1891 RN1444-ATE85LF  
1892 2SC4541  
1893 TC7S04FU,LF(B  
1894 2SK2033TE85LF  
1895 2SK2962  
1896 74VHCT541AFT(BE)  
1897 TLP3215(TP15,F)  
1898 TLP5752(D4-TP,E(T  
1899 DF5A56LFUTE85LF  
1900 2SC5200-OQ  
1901 DF2S5.6CT,L3F  
1902 2SJ103-BL(F)  
1903 RN1302(TE85L.F)  
1904 TZ1011MBG(O)  
1905 2SC1815-YTE2T  
1906 2SA2060(TE12L,F)  
1907 SSM6N36FE,LM(B  
1908 TC7SZ04FE,LJ(CT  
1909 2SD24299QM  
1910 TBD62064APG(Z,HZ)  
1911 2SD1409AF  
1912 2SC3279-MTE2FT  
1913 3SK240TE85L  
1914 2SK3497(F)  
1915 TLP2704(D4-TP,E(T  
1916 2SK3079A(TE12L,Q)  
1917 RN1425TE85LF  
1918 TLX9175J(SAITL,F(O  
1919 2SA1162-GR,LF(B  
1920 2SK3476(TE12L,Q)  
1921 CMS05TE12LQM  
1922 1SV323(TPH3,F)  
1923 2SA970-GR(F,T)  
1924 TC58BVG1S3HTA00  
1925 RN1704,LF(T  
1926 TLP185(GB-TPL,SE(T  
1927 2SC5065-YTE85LF  
1928 SSM3J327R,LF(T  
1929 1SS367TH3F  
1930 TLP2703(FPH-TP,E(T  
1931 TC74ACT08F(EL,F)

1932 MT4S100UTE85LF  
1933 TC7SH14F,LJ(CB  
1934 RN1707,LF(T  
1935 TLP184(V4GBTR,SE(T  
1936 TLP3546(TP1,F)  
1937 DF2S12FS  
1938 TK35N65W,S1F(S  
1939 TLP185(BLL-TL,SE(T  
1940 RN1106TE85L  
1941 TLP3403(TP,F(O  
1942 1SS384TE85LF  
1943 2SC3112-BTP2TOR1F  
1944 2SA1832F-GRTPL3F  
1945 TLP2358(TPL,E(T  
1946 2SC5376FV-ATPL3  
1947 2SA1941-OQ  
1948 SRF902NFC4-TB12R  
1949 GT50J101  
1950 RN49A2(TE85L,F)  
1951 1SS416,L3M(T  
1952 TC58NVG1S3ETA00B3H  
1953 TLP785(D4B-T6,F(C  
1954 TC7SH08FU,LJ(CT  
1955 RN1902FETE85LF  
1956 1SS423TE85LF  
1957 2SK3387TE24L  
1958 TC358775XBG(EL1)  
1959 JDV2S05E(TH3,F,T)  
1960 TLP5754(D4-TP,E(O  
1961 HN1C01FU-YTE85LF  
1962 TCB001HQ(Z)  
1963 2SC1815-BLT  
1964 TLP161J(TPL,U,C,F)  
1965 TC7S04FUT5LFT  
1966 DF5A6.8FTE85L  
1967 JDV2S41FS(TPL3)  
1968 2SK3799(Q)  
1969 TLP352(TP1,F)  
1970 1SS396TE85LF  
1971 MG200J2YS50AC  
1972 TPH3R003PL,LQ(S  
1973 74VHC08FT(BJ)  
1974 2SC5066-O,LF(B  
1975 TC7SZ126F,LJ(CT  
1976 2SJ377TE16L1NQ  
1977 2SC5064-YTE85L

1978 2SJ347T5LFT  
1979 TLP700AF(D4-TP,F)  
1980 74HC86D(BJ)  
1981 HN1D03FUT5LT  
1982 DF2S6.8UFSL3FT  
1983 TC7W00FU,LF(T  
1984 RN2501(TE85L,F)  
1985 DF2S6M4SL,L3F  
1986 2SC2482CM  
1987 2SC2712-YTE85R  
1988 2SB906-YQ  
1989 RBHMA4400CE  
1990 1SV307H3FT  
1991 2SA1015-YT  
1992 2SA1721-OTE85L  
1993 TCR2DG28,LF(S  
1994 1SS302  
1995 TLP109(TPL,E(T  
1996 2SJ144-Y(TE85L,F)  
1997 2SC2712-GR(TE85L,F)  
1998 RN4985TE85LF  
1999 TPH1110FNH,L1Q(M  
2000 TLP3063F(D4TP4SC,F  
2001 TPH5900CNH,L1Q(M  
2002 CRG03TE85LQ  
2003 2SK3564Q  
2004 2SA1986-OQ  
2005 TPCA8084,L1XGQ(O  
2006 JDH2S02SC(TPL3)  
2007 TLP383(D4GH-TR,E(T  
2008 DF2S12FS(TH3,T)  
2009 SSM3J108TUTE85L  
2010 2SK2399  
2011 HN1B01F-GR(TE85L,F  
2012 2SJ201-YF  
2013 2SA2154CT-GR(L3A.E  
2014 TC74AC14F(EL,F)  
2015 1SS309(TE85L,F)  
2016 2SC4497-OTE85L  
2017 2SK209-YTE85L  
2018 2SC5084-YT5LFT  
2019 2SC2882-YTE12LCF  
2020 1SS295(TE85L,F)  
2021 2SC5810(TE12L,F)  
2022 2SK1875-VTE85LF  
2023 1SV325(TPH3,F)

2024 TLP627M(E(O  
2025 1SS416CT(TL3AP,E)  
2026 TLP185(V4GB-TPL,SE(T  
2027 TLP785F(D4-BLL,F(C  
2028 TC35679FSG-002(E1C  
2029 TLP182(GB-TPL,E(T  
2030 02DZ3.3-XTPH3  
2031 TC358867XBG(EL)  
2032 2SC3326-AT5LFT  
2033 2SK4019Q  
2034 2SC1815-GRT  
2035 CMF02TE12LQM  
2036 TC7SET125FU,LJ(CT  
2037 DF5A6.8LFUTE85L  
2038 CMS10(TE12L,Q,M)  
2039 TCK111G,LF(S  
2040 2SA1162-GR,LXGF(B  
2041 GT30F126(STA4,Q)  
2042 2SD2499MQ  
2043 DF2S12FS,L3M(B  
2044 2SB905-0TE16L1NQ  
2045 S6A13Q  
2046 2SK117-GR  
2047 TLP183(GR-TPL,E(T  
2048 220C040AFG004JQZA  
2049 RN1402(T5L,F,T)  
2050 SD-C08G2CYB(NWCKP)  
2051 1SV307(TPH3,F)  
2052 2SA1162GRF  
2053 TK25A60X,S5X(M  
2054 TZ1011MBG(O)  
2055 CRH01TE85LQ  
2056 DF2S12FS(TL3,T)  
2057 TLP627(F)  
2058 CRS02(TE85L.Q)  
2059 TBAT54A,LM(T  
2060 2SC2878-ATE2T  
2061 1SS314,H3F(T  
2062 RN4605(TE85L,F)  
2063 74VHC374FT(BJ)  
2064 2SC2712-BL(TE85L,F  
2065 TLP290(GB-TP,E(T  
2066 SSM3J132TU(TE85L.F)  
2067 SM2LZ47Q  
2068 DF5A6.8CJE  
2069 1SS352TPH3

2070 TB6575FNG(O,C,8,EL  
2071 TLP291-4(GB-TP,E(T  
2072 1SS387,L3F(T  
2073 TLP3123(TP,F)  
2074 TK90S06N1L,LXHQ(O  
2075 TC7SH32FU,LJ(CT  
2076 DF5G7M2N,LF(D  
2077 DF5A12FU(TE85L,F)  
2078 DF5A6.8FUTE85LF  
2079 TPH2R608NH,L1Q(M  
2080 2SJ377  
2081 1SV278B(TH3.F.T)  
2082 2SC4116-Y,LF(T  
2083 TLP291(GRL,SE(T  
2084 GT30J127(LBS1SD,QM  
2085 TPC8407,LQ(S  
2086 TK750A60F,S4X(S  
2087 2SC1815-YT2SPT  
2088 CRZ16TE85LF  
2089 MP4101  
2090 1SV281TPH3F  
2091 BM87C408M0A  
2092 SSM3K15F,LF(B  
2093 RN4981.LF(CT  
2094 2SA2214,LF(T  
2095 2SC5411  
2096 TLP191BUCF  
2097 TCR3DM18,LF(S  
2098 2SK2952STA4Q  
2099 2SA2056(TE85LF)  
2100 TC74VHCT00AF(E,K,F  
2101 LB104S01-TL01  
2102 TC7SET08FU,LJ(CT  
2103 DF6F6.8MCTC(TE85L)  
2104 1SS321TE85LF  
2105 TA78L05F(TE12L,F)  
2106 TLP350(D4,F)  
2107 2SK3316QT  
2108 LTM08C355S  
2109 1SS301TE85LF  
2110 TLP291-4(TP,E(T  
2111 2SC2717  
2112 2SC3474  
2113 2SK209GRTE85LF  
2114 2SC2712-Y,LF(T  
2115 BC337-25TE2FT

2116 CES520H3FT  
2117 2SC5200Q  
2118 BC327-25(TE2,F,T)  
2119 SSM3J16CT,L3F(T  
2120 1SS362TE85LF  
2121 HN1A01FU-GRT5LF  
2122 TC7USB40MU,LF(S  
2123 1SS314TPH3  
2124 TLP187(TPR,E(T  
2125 2SC3112-BTE2FT  
2126 SSM6N36FE(TE85L,F)  
2127 1SV280TH3FT  
2128 2SA1213-Y(TE12L,ZC  
2129 JT5DE8EY  
2130 2SK2963TE12L  
2131 TCR2EF20,LXGM(CT  
2132 DF2S5.6FS,L3M(T  
2133 DF2S16FSTL3T  
2134 HN1A01FU-YT5LFT  
2135 SSM6N7002CFU,LF(T  
2136 HN1A01FU-GR(T5L.F)  
2137 2SD1509Q  
2138 2SD2498FM  
2139 TJ60S06M3L,LVSQ(O  
2140 1S1832  
2141 2SA1162-Y(TE85L.F)  
2142 2SA1987-O(Q)  
2143 TLP183(GB-TPL,E(T  
2144 2SK2837QT  
2145 TA7805F(TE16L1,NQ)  
2146 TLP184(TPR,SE(T  
2147 2SC5692(TE85L,F)  
2148 CMH04TE12LQ  
2149 CMS05(T2L,TEM,Q)  
2150 1SV280(TPH3,F)  
2151 LTD121EX1S  
2152 TLP383(BL-TPL,E(T  
2153 2SC4116-GRTE85LF  
2154 TLP291-4(GB,E(T  
2155 MG400Q1US41EP  
2156 SD-C02G2CYB(PYBKH)  
2157 TC7SH34FU,LJ(CT  
2158 DF3A6.8FE  
2159 2SK2679Q  
2160 2SK3797QM  
2161 2SK880-GR(TE85L,F)

2162 TPD2005F(EL,F)  
2163 TJ150F06M3L(T4L,Q)  
2164 HN1C01FUGRLFT  
2165 2SC3474TE16L  
2166 1SS250TE85LF  
2167 TK42A12N1,S4X(S  
2168 TLP172GAM(TPL,E(O  
2169 TBD62503AFG(Z,EL)  
2170 DF2S6.8MFSI%ÆL3M(T  
2171 2SA1621-YTE85L  
2172 TC4011BP(N,F)  
2173 86CM23AUG-7HE6(JOA  
2174 2SC4215-YTE85L  
2175 2SK2993TE24LQ  
2176 TLP781F(D4-GR,F)  
2177 TH58TFG9W23BAMC  
2178 CRZ36(TE85L,Q,M)  
2179 SD-C02G2T2(PYBKH)  
2180 SSM6N15AFE,LM(B  
2181 TC4013BP(N,F)  
2182 TLP268J(TPL,E(T  
2183 2SK3569STA4Q  
2184 2SA1244-YQ  
2185 2SK2963TE12LF  
2186 TC7SZU04FU,LJ(CT  
2187 2SC2655-YFM  
2188 2SC5359-OQ  
2189 74VHC74FT(BE)  
2190 CRH01(TE85R,Q,M)  
2191 LS75C2DK-T  
2192 RN2402-T5LT  
2193 2SC4408FM  
2194 2SC5086-Y,LF(T  
2195 TLP5751(D4-TP4,E(O  
2196 CMH01TE12LQM  
2197 2SC2240-GRTE2T  
2198 2SA1162-Y(TE85L,F)  
2199 CRS08(TE85L,Q,M)  
2200 TC58NVG1S3ETA00B3H  
2201 TC7WB66CFK,LF(T  
2202 DF2S6.8MFS.L3M(T  
2203 1SS308(TE85L,F)  
2204 TC62D723FNG(C,EL)  
2205 TC7SH32F,LJ(CT  
2206 TC4S66F,LF(T  
2207 74VHCT541AFT(BJ)

2208 2SC2712-GRT5LM  
2209 1SV331TPH3  
2210 SD-C04G2T2(PZCKP)  
2211 ER6VP(TEA)  
2212 TC7SZ04FU,LJ(CB  
2213 SSM6N15AFU,LF(B  
2214 SSM3K7002BFSLAFT  
2215 GT15J321S4MIDEAQ  
2216 CRG03(TE85L,Q,M)  
2217 TLP701HF(D4-TP,F)  
2218 74HC151D(BJ)  
2219 CCS15S30,L3F(T  
2220 SSM3K15ACT,L3F(T  
2221 74VHCT32AFT(BJ)  
2222 1SS361TE85L  
2223 2SC4738FGRT5LF  
2224 2SK2610T  
2225 2SA1943-R  
2226 ET8ET2-011AS-200  
2227 1SV323(TH3,F,T)  
2228 JDV2S07FSTPL3  
2229 HN1B01FU-GR  
2230 2SC3325-YTE85LF  
2231 TK100A08N1,S4X  
2232 TLP2304(TPL,E(O  
2233 1SV322TPH3F  
2234 2SC3279-MFT  
2235 2SC2715-Y  
2236 2SK2603  
2237 TLP206GATPF  
2238 TK15A50D(STA4,Q,M)  
2239 1SS352TH3FT  
2240 RN4981(T5L,F,T)  
2241 2SC5358-O  
2242 1SS306  
2243 1SS352(TH3,F,D)  
2244 1SV305TPL3F  
2245 DF6F6.8MTU,LF(B  
2246 CMC01TE12LQ  
2247 1SV232TPH3F  
2248 DF3A5.6LFU,LF(B  
2249 TCB502HQ(Z)  
2250 MP4303Q  
2251 SSM3K56ACT,L3F(T  
2252 MIG100Q6CMAOX  
2253 2SC2712-Y

2254 TLP290(BLL-TP,E(T  
2255 RN2304TE85LF  
2256 2SK4115STA1ES  
2257 1SS313(T5L,F,T)  
2258 1SV285(TH3,F,T)  
2259 1SS416CT,L3APF(T  
2260 DF3A5.6LFU.LF(T  
2261 2SK118-RFT  
2262 MG400Q1US41(EPGE,G)  
2263 TC358765XBG(EL)  
2264 TK7P60W,RVQ  
2265 2SA1314-B  
2266 SSM6L36FE,LM(B  
2267 TLP2362(TPL,E(T  
2268 SSM3J327R,LF(B  
2269 TLP549JF  
2270 1SV278TPH3F  
2271 02CZ47TE85LF  
2272 TC7SH04FU,LJ(CT  
2273 TPHP9203PL,L1Q(M  
2274 2SK2401TE24LQ  
2275 02DZ4.3-YTPH3F  
2276 TLP759(TP1,J,F)  
2277 2SA1162-Y,LF(T  
2278 S-AV10H  
2279 CRG05(TE85L,Q,M)  
2280 1SS201TPE4F  
2281 RFM04U6P(TE12L,F)  
2282 TZ1011MBG(O)  
2283 TLP719F(D4-TP,F)  
2284 2SK2884TE24RQ  
2285 CRS12(TE85L,Q,M)  
2286 TLP227G(F)  
2287 DF5A3.3FUTE85LF  
2288 TLP291(V4GBTP,SE(T  
2289 HN1D03FUT5LFT  
2290 2SC2983-YTE16L1N  
2291 1SV284(TPH3,F)  
2292 2SK3568STA4XS  
2293 TLP2768(D4-TP,F)  
2294 TPH8R80ANH,L1Q(M  
2295 AB4X2X6W  
2296 2SC5949-O(Q)  
2297 TK72A08N1,S4X  
2298 2SJ360(T2LVALEO,ZF  
2299 DF2S14P2CTC,L3F(T

2300 1SS306-TE85L  
2301 TPCP8901(TE85L,F)  
2302 TLP185(GB-TPR,SE(T  
2303 TLPN137(TP1,F)  
2304 MG400Q2YS41(EPGE,G)  
2305 2SA1873-GR(TE85L,F  
2306 1SS388TL3FT  
2307 TLP172A(TP,F)  
2308 1SV271TPH3F  
2309 BMP86D020NA0A  
2310 TLP182(V4-GBTL,E(T  
2311 TC74HC273AF(EL,F)  
2312 DSR520TH3FT  
2313 SSM3J16CT,L3F(B  
2314 TPN2R203NC,L1Q(M  
2315 TLP291(V4GHTP,SE(T  
2316 74LCX574FT(AE)  
2317 TC58NVG1S3HTAIO  
2318 1SS302TE85LF  
2319 DF2S5.6FSTL3CH  
2320 CRH01(TE85L,Q,M)  
2321 SSM6J771G,LF(S  
2322 TC74HC423AF(ELNE,F  
2323 2SC3621-O(Q)  
2324 LTA070A323FSPL1  
2325 DF2S6.2FS,L3M(T  
2326 TC358746AXBG(EL)  
2327 02CZ6.2-YTE85LF  
2328 TLP290(TP,SE(T  
2329 2SC5233-BTE85LF  
2330 TLP2703(TP,E(T  
2331 1SS196T5LFT  
2332 MASKCHG  
2333 1SV304TPH3F  
2334 74VHC4051AFT(BE)  
2335 TLP2361(V4-TPL.E(T  
2336 74VHC541FT(BE)  
2337 TC74HC540AF(EL,F)  
2338 TLP124TPRF  
2339 TB31371FNG(O,C,EL)  
2340 CMS11(TE12L,Q,M)  
2341 TLP3052A(D4TP5,F(O  
2342 2SK2313F  
2343 RN2401TE85RF  
2344 TLP5702(TP,E(T  
2345 SSM3J340R,LF(B

2346 TB6641FG(O,8,EL)  
2347 SSM3J05FU  
2348 DT01ACA050  
2349 1SV239TPH3F  
2350 MP6752  
2351 TCD2563BFGZAPT  
2352 2SC3303-Y(T6L1,NQ)  
2353 2SC2873-Y(TE12L,ZC  
2354 T2N7002BK,LM(T  
2355 LTA070A323F  
2356 TC4W66FU.LF(T  
2357 2SC4116-GRTE85L  
2358 TPH1500CNH  
2359 TC7SH17FU(TE85L,F)  
2360 DF2S6M4SL,L3F(T  
2361 TCD2712DG(Z,K,C)  
2362 RN2402TE85LF  
2363 RN1961FE(TE85L,F)  
2364 2SJ200-Y  
2365 1SS181(TE85L,F)  
2366 TLP175A(TPL,E(T  
2367 2SK2661F  
2368 2SC1815-GRTE2FT  
2369 CES388,L3F(T  
2370 TLP181GR-TPLFT  
2371 RN1962FETE85LF  
2372 PN210031  
2373 2SA1931Q  
2374 1SS184SLFD  
2375 TLP3906(TPL,E(O  
2376 AL15SEB06EQ  
2377 74VHC541FT(BJ)  
2378 2SC2236-Y(TE6,F,M)  
2379 1SS388TH3TF  
2380 1SS226(TE85R,F)  
2381 TLP2768A(TP,E(T  
2382 2SA1162-YL7FB  
2383 6N139(TP1,F)  
2384 TC4W66FU,LF(T  
2385 2SC2712-GR,LF(T  
2386 2SC5376FV-A  
2387 1SS422TE85LF  
2388 DF3A6.8LFV,L3F(T  
2389 TPH1R204PL,L1Q(M  
2390 2SC3265-Y,LF(T  
2391 1SV329TH3FT

2392 TLP560J(C,F)  
2393 DF2B7SL,L3F(B  
2394 RN2201(F)  
2395 2SD1411A-O  
2396 TC7WH74FK,LJ(CT  
2397 2SA1162-GRT5LT  
2398 2SK3863  
2399 1SS226,LF(T  
2400 2SA1162-Y(T5L,F,T)  
2401 2SK3074(TE12L,F)  
2402 CMG03TE12LQM  
2403 TA75W393FU(TE12L,F  
2404 SSM6J212FE,LF(CA  
2405 2SC2712-Y(TE85L,F)  
2406 2SA2060TE12LF  
2407 2SC2655-YCM  
2408 2SJ347TE85L  
2409 TB62747AFG(O,EL)  
2410 CRZ10(TE85L,Q,M)  
2411 BM1022R0B  
2412 TA48M05F(T6L1,SNQ)  
2413 2SK2231TE16L  
2414 CRG02TE85LQM  
2415 SSM3J13TTE85LF  
2416 1SS184,LF(B  
2417 TC7SZ00FU,LJ(CB  
2418 TLP748JF(D4,F)  
2419 TC7SZ08FU,LJ(CT  
2420 1SV305,H3F(T  
2421 CRS10I30A(TE85L.QM  
2422 TK4P60DA(T6RSS-Q)  
2423 TK8R2A06PL,S4X(S  
2424 2SA2154CTGR.L3AF(B  
2425 SSM6J212FE(TE85L,F  
2426 TLP781F(D4BLL-T7,F  
2427 2SK2777TE24L  
2428 2SC2240-GRTE2FT  
2429 2SD1411A-OF  
2430 1SS403,H3F(T  
2431 TC74HC366AF(EL,F)  
2432 TLP2601(F)  
2433 TLP350(CSC-TP1,F)  
2434 TLP2766F(D4-TP,F)  
2435 1SS306TE85LF  
2436 HN1A01FU-GR(T5L.M)  
2437 RN1408(T5L,F,T)

2438 2SK3759QM  
2439 2SD2499  
2440 CRS04(TE85L.Q.M)  
2441 2SK246-BL(TE2,F,T)  
2442 TC7SZ00FU,L7J(CB  
2443 2SJ106-GR(TE85L,F)  
2444 TC74LCX244F(EL,K,F  
2445 BC337-40TE2FT  
2446 T6WH6XBG-0001(O)  
2447 2SC4738-GRT5LFT  
2448 2SA1943N(S1,E,S)  
2449 2SC1815-GRT2SPT  
2450 2SC5198-OQT  
2451 TJ9A10M3,S4Q(M  
2452 TJ50S06M3L  
2453 1SS402(TE85L,F)  
2454 CUS357,H3F(T  
2455 2SK2201Q  
2456 DSR520H3PAVFT  
2457 1SS193,LF(T  
2458 TLP785F(GRL-T7,F(C  
2459 BMP86A100010A  
2460 TLP598GA(F)  
2461 TLP2745(D4-TP,E(T  
2462 2SK2615TE12LF  
2463 2SK3564  
2464 BM91CW12AF0A-M15  
2465 TLP2768F(D4SCHTP,F  
2466 TLX9185A(KBDGBTF(O  
2467 TC4S584F,LF(B  
2468 TLP172GM(TPL,E(O  
2469 TLP2768A(D4TP4,E(O  
2470 TLP185(V4GHTL,SE(T  
2471 LTM15C45812  
2472 TCR3DM33,LF(S  
2473 GT30J341,Q(O  
2474 SSM3J01TTE85L  
2475 CMS16TE12LQM  
2476 2SA1586-YTE85LF  
2477 TLP2748(D4-TP,E(T  
2478 SSM3K127TU,LF(B  
2479 TLP385(GB-TPL,E(T  
2480 1SS388TL3FD  
2481 2SK2035(TE85L,F)  
2482 1SV229(TPH3,F)  
2483 TLP291(BL-TP,SE(T

2484 2SC2383-YTE6FM  
2485 TLP785(D4-Y,F(C  
2486 2SK3569(Q,M)  
2487 1SS424(TPL3,F)  
2488 TPH1R306PL,L1Q(M  
2489 TLP785F(D4GLT7,F(C  
2490 HN2S03FUTE85LF  
2491 SSM3J355R,LF(T  
2492 1SS319(TE85L,F)  
2493 2SC3326-A(TE85L,F)  
2494 TA75W393FU,LF(T  
2495 TC7WH34FK,LJ(CT  
2496 TPCF8107,LF(CM  
2497 TLP109(V4-TPR,E(T  
2498 1SS349  
2499 2SC5886A(T6L1,NQ)  
2500 1SS300,LF(B  
2501 HN1A01FU-GR,LF(T  
2502 MG100J2YS50AC  
2503 1SS226TE85L  
2504 TC58BVG1S3HBAI6  
2505 AB4X2X4.5W  
2506 SSM6N17FU(TE85L,F)  
2507 TLP785(D4GB-T6,F(C  
2508 TC4053BFT(EL,N)  
2509 CTS05S30,L3F(B  
2510 TCD2564DG(Z,C)  
2511 74LCX244FT(AJ)  
2512 CMS05(TE12L,Q,M)  
2513 CRS08TE85L  
2514 SSM3K56MFV,L3F(B  
2515 2SA1587-GRTE85LF  
2516 CMS14(TE12L,Q,M)  
2517 2SK1530-Y  
2518 TLP227GA-2(TP1,F)  
2519 TLP2161(TP,F)  
2520 TC58NVG1S3ETA00B3H  
2521 2SC3474T6L1NQ  
2522 1SS193(TE85L. F)  
2523 2SA1586YT5LFT  
2524 HN3A51F(TE85L,F)  
2525 2SC2712-GRT5LT  
2526 SSM3J351R,LF(T  
2527 1SV288TPH2F  
2528 TLP5772(TP,E(O  
2529 2SA1930QM

2530 RN1305  
2531 DF5A5.6F(TE85L,F)  
2532 RBHMA4300CE  
2533 BMP86D064DG0A  
2534 HN1C01FU-GR(T5L.M)  
2535 2SC1815-Y(F)  
2536 TK39N60X,S1F(S  
2537 1SS396(T5L,F,T)  
2538 RN1402(TE85L)