

Transistor Output - DC Input

| KODENSHI                            | SHARP                      | TOSHIBA                          | FAIRCHILD   | VISHAY   | NEC                                 | LITEON  | COSMO  |
|-------------------------------------|----------------------------|----------------------------------|---|--|-------------------------------------|---|--------|
| PC-17T1                             |                            | TLP521                           |   |  |                                     |   |        |
| PC-17T2                             |                            | TLP521-2                         |   |  |                                     |   |        |
| PC-17T4                             |                            | TLP521-4                         |   |  |                                     |   |        |
| PC-17K1                             | PC123<br>PC816<br>PC817    | TLP321<br>TLP421<br>TLP621       | H11A817   | K817P<br>SFH615A<br>SFH615AA<br>SFH617A  | PS2501-1<br>PS2561-1<br>PS2571-1    | LTV-816<br>LTV-817(-V)<br>LTV-819-1<br>LTV123<br>LTV-610  | K1010  |
| PC-17K2                             | PC826<br>PC827             | TLP321-2<br>TLP421-2<br>TLP621-2 | MCT9001   | K827PH<br>ILD615<br>ILD621   | PS2501-2<br>PS2561-2                | LTV-826<br>LTV-827(-V)  | KP1020 |
| PC-17K4                             | PC846<br>PC847             | TLP321-2<br>TLP421-4<br>TLP621-4 |   | K847PH<br>ILQ615<br>ILQ621   | PS2501-4<br>PS2571-4                | LTV-846<br>LTV-847(-V)  | KP1040 |
| PC-17L1                             | PC123F                     | TLP421F                          |   | SFH610A<br>SFH615A<br>SFH615AA<br>SFH617A  | PS2581L1                            | LTV-816M<br>LTV-817M(-V)<br>LTV-123M<br>LTV-610M  |        |
| PC-17L2                             |                            |                                  | MCT9001   | ILD615<br>ILD621   |                                     | LTV-826M<br>LTV-827M(-V)  |        |
| PC-17L4                             |                            |                                  |   | ILQ615<br>ILQ621   |                                     | LTV-846M<br>LTV-847M(-V)  |        |
| PC-17K1C                            |                            |                                  |   | SFH610A-<br>1/2/3/4  | PS2501L-1<br>PS2561L-1<br>PS2571L-1 | LTV-816S<br>LTV817S(-V)<br>LTV-123S<br>LTV-610S   |        |
| K4N25(A)<br>K4N26<br>K4N27<br>K4N28 |                            | 4N25<br>4N26<br>4N27<br>4N28     |   |  |                                     | 4N25<br>4N26<br>4N27<br>4N28  |        |
| K4N35<br>K4N36<br>K4N37<br>K4N38    |                            | 4N35<br>4N36<br>4N37<br>4N38     |   |  |                                     | 4N35<br>4N37  |        |
| K3610                               |                            | TLP532                           |   |  |                                     |   |        |
| K3611                               |                            | TLP331                           |   |  |                                     |   |        |
| K4N25G<br>K5610                     | PC714V                     | TLP632<br>TLP734                 | CNU17F-1~4<br>MOC8101~8<br>MOC8111~3  | CNY17F-1~4<br>MOC8101~5<br>MOC8111,12  |                                     | LTV-702F<br>LTV-703F<br>LTV-713F  |        |
| K4N25H<br>K5611                     | PC703V<br>PC713V<br>PC723V | CNY-17-X<br>TLP631<br>TLP733     | 4N25~29<br>4N35~38<br>H11A1~5<br>H11AV1,A<br>H11AV2,A<br>CNU35U/36U/<br>38U/39U<br>MCT5200/5201<br>CNY17-1~4<br>CNY17F-1~4<br>CNX83A.X<br>MCT2series<br>SL5500/5501/<br>5504/5511 | 4N25 4N26<br>4N27 4N28<br>4N35 4N36<br>4N37 4N38<br>CNY17-1~4<br>H11A1~5<br>IL1,2,5<br>IL201~3 IL74<br>MCT2<br>MCT270~7<br>MCT2E<br>MCT5210,11<br>SFH600-1~4<br>SFH608-2~5 |                                     | LTV-702V<br>LTV-703V<br>LTV-713V<br>CNY17-<br>1/2/3/4<br>CNY17F-<br>1/2/3/4<br>CNY17F-V-<br>1/2/3/4 | K2010  |

**Transistor Output - AC Input**

| KODENSHI | SHARP          | TOSHIBA          | FAIRCHILD    | VISHAY                                    | NEC                  | LITEON  | COSMO |
|----------|----------------|------------------|--------------|---|----------------------|---------|-------|
| KPC714   |                | TLP320           |              |   |                      |         |       |
| KPC724   |                | TLP320-2         |              |   |                      |         |       |
| KPC744   |                | TLP320-4         |              |   |                      |         |       |
| KPC814   |                | TLP620           | H11AA814     | SFH620AA<br>SFH620AGB<br>SFH620A<br>K814P | PS2505-1<br>PS2565-1 |         | K3010 |
| KPC814A  | PC813<br>PC814 | TLP626           |              | SFH628A                                   |                      | LTV-817 | K6010 |
| KPC824   |                | TLP620-2         |              | ILD620(GB)<br>K824P                       | PS2505-2<br>PS2565-2 |         | K3020 |
| KPC824A  | PC823<br>PC824 | TLP626-2         |              |   |                      | LTV-827 | K6020 |
| KPC844   |                | TLP620-4         |              | ILQ620(GB)<br>K844P                       | PS2505-4             |         | K3040 |
| KPC844A  | PC844          | TLP626-4         |              |   |                      | LTV-847 | K6040 |
| KPC5631  |                | TLP330<br>TLP630 | H11AA1/2/3/4 | H11AA1<br>IL250-2                         |                      | LTV-733 | K6010 |

**Darlington Output - DC Input**

| KODENSHI | SHARP            | TOSHIBA          | FAIRCHILD   | VISHAY   | NEC                  | LITEON  | COSMO   |
|----------|------------------|------------------|---|--|----------------------|---------|---------|
| PC-18T1  |                  | TLP523           |   |  |                      |         |         |
| PC-18T2  |                  | TLP523-2         |   | ILD250~2   |                      |         |         |
| PC-18T4  |                  | TLP523-4         |   |  |                      |         |         |
| PC-18K1  |                  |                  | H11B815   | SFH612A<br>SFH655A   | PS2502-1<br>PS2562-1 | LTV-815 |         |
| PC-18K2  |                  |                  |   |  | PS2502-2<br>PS2562-2 | LTV-825 |         |
| PC-18K4  |                  |                  |   |  | PS2502-4<br>PS2562-4 | LTV-845 |         |
| K4N29    |                  | 4N29             |   |  |                      |         |         |
| K4N29A   |                  | 4N29A            |   |  |                      |         |         |
| K4N30    |                  | 4N30             |   |  |                      |         |         |
| K4N31    |                  | 4N31             |   |  |                      |         |         |
| K4N32    |                  | 4N32             |   |  |                      |         |         |
| K4N32A   |                  | 4N32A            |   |  |                      |         |         |
| K4N33    |                  | 4N33             |   |  |                      |         | KPC4N33 |
| K3620    |                  | TLP570<br>TLP572 |   |  |                      |         |         |
| K5620    | PC715V<br>PC716V |                  | MOC119<br>MOC8020/21  | IL55B  |                      | LTV-715 |         |
| K3621    |                  | TLP571           |   |  |                      |         |         |
| K5621    |                  |                  | 4N29 4N30<br>4N31 4N32<br>4N33<br>H11B1/2/3/255<br>CNX48U<br>TIL113 | 4N32/33<br>H11B1/B2/B3<br>IL30/31/55<br>MCA230/231<br>/255 |                      |         |         |

**Darlington Output - AC Input**

| KODENSHI | SHARP | TOSHIBA | FAIRCHILD | VISHAY    | NEC                  | LITEON   | COSMO |
|----------|-------|---------|-----------|-----------|----------------------|----------|-------|
| KPC614   |       |         |           |           | PS2506-1<br>PS2566-1 | LTV-8141 |       |
| KPC624   |       |         |           |           | PS2506-2<br>PS2566-2 | LTV-8241 |       |
| KPC644   |       |         |           |           | PS2506-4<br>PS2566-4 | LTV-8441 |       |
| K5640    |       |         |           | IL755B    |                      |          |       |
| K5641    |       |         |           | IL755-1,2 |                      |          |       |

**Triac Output**

| KODENSHI | SHARP                              | TOSHIBA            | FAIRCHILD | VISHAY            | NEC | LITEON  | COSMO    |
|----------|------------------------------------|--------------------|-----------|-------------------|-----|---------|----------|
| KPC3020  |                                    | TLP3020            | MOC3020-M | K3020P            |     | MOC3020 |          |
| KPC3021  |                                    | TLP3021            | MOC3021-M | K3021P<br>IL440-4 |     | MOC3021 |          |
| KPC3022  | PC2SD11NTZ<br>A S11MD5T<br>S11MD5V | TLP3022<br>TLP665G | MOC3022-M | K3022P<br>IL440-5 |     | MOC3022 | KMOC3022 |
| KPC3023  | S11MD7T                            | TLP3023            | MOC3023-M | K3023P<br>IL440-6 |     | MOC3023 |          |
| KPC3051  | S21MD3V                            | TLP3051            | MOC3051-M | IL440-1           |     |         |          |
| KPC3052  | PC3SD12NTZA                        | TLP3052            | MOC3052-M | IL440-2           |     | MOC3052 |          |