



| Fig. | Output | | Current Transfer Ratio | | | | Isolation Voltage (Vrms) | Dimensions - mm | | | Package Type | Digi-Key Part No. | Tube Price Each | | | Sharp Part No. |
|-------------|---------------------------|--------------------------|------------------------|----------|-----------------------|-----------------------|--------------------------|-----------------|-------|--------|---------------|-------------------|-----------------|------|--------|----------------|
| | V _{CEO} (V) Max. | I _C (mA) Max. | Min. (%) | Max. (%) | @ I _F (mA) | @ V _{CE} (V) | | Length | Width | Pitch | | | 1 | 10 | 100 | |
| <i>Tube</i> | | | | | | | | | | | | | | | | |
| 1 | 35 | 20 | 10 | 100 | 20 | 5 | 5000 | 6.0 | 16.2 | 2.54 | 4-Dip | 425-1406-5-ND* | 2.18 | 1.74 | 1.44 | PC512 |
| | 35 | 50 | 10 | 100 | 1 | 0.4 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1472-5-ND | 1.28 | 1.02 | .85 | PC818 |
| | 35 | 50 | 10 | 100 | 1 | 0.4 | 5000 | 4.58 | 6.5 | 2.54 | 4-SMT | 425-1473-5-ND | 1.02 | .85 | .68 | PC818I |
| | 35 | 50 | 10 | 100 | 1 | 0.4 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1475-5-ND* | 1.60 | 1.28 | 1.06 | PC818Y |
| | 35 | 50 | 20 | 200 | 1 | 5 | 5000 | 9.66 | 6.5 | 2.54 | 8-Dip | 425-1476-5-ND† | 2.90 | 2.39 | 1.94 | PC823 |
| | 35 | 50 | 50 | 600 | 5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1464-5-ND | .44 | .31 | .22 | PC817X |
| | 35 | 50 | 50 | 600 | 5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-SMD | 425-1455-5-ND | .48 | .33 | .24 | PC817XI |
| | 35 | 50 | 60 | 120 | 1 | 0.4 | 5000 | 4.58 | 6.5 | 2.54 | 4-SMD | 425-1435-5-ND | 1.50 | 1.25 | 1.00 | PC810AI |
| | 35 | 50 | 60 | 200 | 1 | 0.4 | 5000 | 4.58 | 6.5 | 2.54 | 6-Dip | 425-1434-5-ND | 1.35 | 1.13 | .90 | PC810 |
| | 35 | 50 | 60 | 200 | 1 | 0.4 | 5000 | 4.58 | 6.5 | 2.54 | 4-SMD | 425-1436-5-ND | 1.43 | 1.14 | .95 | PC810I |
| | 35 | 50 | 80 | 160 | 5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1465-5-ND | .48 | .33 | .24 | PC817X1 |
| | 35 | 50 | 80 | 160 | 5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-SMD | 425-1470-5-ND | .52 | .36 | .26 | PC817X1I |
| | 35 | 50 | 130 | 260 | 5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1466-5-ND | .48 | .33 | .24 | PC817X2 |
| | 35 | 50 | 130 | 260 | 5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-SMD | 425-1471-5-ND | .52 | .36 | .26 | PC817X2I |
| | 35 | 50 | 200 | 400 | 5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1467-5-ND | .48 | .33 | .24 | PC817X3 |
| | 35 | 50 | 200 | 600 | 5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1469-5-ND | .52 | .36 | .26 | PC817X7 |
| | 35 | 50 | 300 | 600 | 5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1468-5-ND | .48 | .33 | .24 | PC817X4 |
| | 70 | 50 | 50 | 150 | 0.5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1311-5-ND | .68 | .47 | .34 | PC123A |
| | 70 | 50 | 50 | 150 | 5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1318-5-ND* | .80 | .55 | .40 | PC123Y1 |
| | 70 | 50 | 50 | 400 | 0.5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1310-5-ND | .72 | .50 | .36 | PC12311NSZ |
| | 70 | 50 | 50 | 400 | 0.5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1309-5-ND | .68 | .47 | .34 | PC12310NSZ |
| | 70 | 50 | 50 | 400 | 5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1308-5-ND | .60 | .42 | .30 | PC123 |
| | 70 | 50 | 50 | 400 | 5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1317-5-ND* | .76 | .53 | .38 | PC123Y |
| | 70 | 50 | 100 | 200 | 0.5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1316-5-ND | .76 | .53 | .38 | PC123S |
| | 70 | 50 | 100 | 200 | 5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1320-5-ND* | .84 | .58 | .42 | PC123YS |
| | 70 | 50 | 100 | 250 | 0.5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1312-5-ND | .68 | .47 | .34 | PC123B |
| | 70 | 50 | 100 | 250 | 5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1319-5-ND* | .80 | .55 | .40 | PC123Y2 |
| | 70 | 50 | 100 | 500 | .1 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1463-5-ND | .76 | .53 | .38 | PC81720NSZ |
| | 70 | 50 | 100 | 600 | .5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1456-5-ND | .64 | .44 | .32 | PC81710NSZ |
| | 70 | 50 | 120 | 300 | .5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1458-5-ND | .64 | .44 | .32 | PC81711NSZ |
| | 70 | 50 | 160 | 400 | .5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1460-5-ND | .64 | .44 | .32 | PC81712NSZ |
| | 70 | 50 | 200 | 500 | .5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1462-5-ND | .64 | .44 | .32 | PC81713NSZ |
| | 350 | 50 | 40 | 80 Typ. | 5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1503-5-ND | .80 | .55 | .40 | PC851X |
| | 350 | 50 | 40 | 80 Typ. | 5 | 5 | 5000 | 4.58 | 6.5 | 2.54 | 4-SMD | 425-1504-5-ND | .88 | .61 | .44 | PC851XI |
| | 2 | 35 | 50 | 50 | 400 | 5 | 5 | 5000 | 9.66 | 6.5 | 2.54 | 8-Dip | 425-1486-5-ND | 1.32 | 1.10 | .88 |
| 35 | | 50 | 50 | 400 | 5 | 5 | 5000 | 9.66 | 6.5 | 2.54 | 8-Dip | 425-1487-5-ND* | 1.35 | 1.08 | .90 | PC829Y |
| 35 | | 50 | 50 | 600 | 5 | 5 | 5000 | 9.66 | 6.5 | 2.54 | 8-Dip | 425-1481-5-ND | .84 | .70 | .56 | PC827 |
| 35 | | 50 | 80 | 260 | 5 | 5 | 5000 | 9.66 | 6.5 | 2.54 | 8-Dip | 425-1482-5-ND | .93 | .78 | .62 | PC827AB |
| 35 | | 50 | 80 | 600 | 5 | 5 | 5000 | 9.66 | 6.5 | 2.54 | 8-Dip | 425-1483-5-ND | .87 | .73 | .58 | PC827AD |
| 35 | | 50 | 130 | 600 | 5 | 5 | 5000 | 9.66 | 6.5 | 2.54 | 8-Dip | 425-1484-5-ND | .87 | .73 | .58 | PC827BD |
| 35 | | 50 | 200 | 600 | 5 | 5 | 5000 | 9.66 | 6.5 | 2.54 | 8-Dip | 425-1485-5-ND | .90 | .75 | .60 | PC827CD |
| 80 | | 50 | 100 | — | 1 | .5 | 5000 | 9.66 | 6.5 | 2.54 | 8-Dip | 425-1514-5-ND | 1.20 | 1.00 | .80 | PC866 |
| 80 | | 50 | 1000 | — | 1 | .5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1509-5-ND | .76 | .53 | .38 | PC866 |
| 80 | | 50 | 1000 | — | 1 | .5 | 5000 | 4.58 | 6.5 | 2.54 | 4-Dip | 425-1510-5-ND‡ | .88 | .61 | .44 | PC866Q |
| 3 | 35 | 50 | 50 | 600 | 5 | 5 | 5000 | 14.74 | 6.5 | 2.54 | 12-Dip | 425-1490-5-ND | 1.44 | 1.20 | .96 | PC837 |
| | 35 | 50 | 50 | 600 | 5 | 5 | 5000 | 14.74 | 6.5 | 2.54 | 12-Dip | 425-1492-5-ND* | 1.55 | 1.24 | 1.03 | PC837Y |
| 4 | 35 | 50 | 50 | 400 | 5 | 5 | 5000 | 19.82 | 6.5 | 2.54 | 16-Dip | 425-1501-5-ND | 2.20 | 1.76 | 1.46 | PC849 |
| | 35 | 50 | 50 | 400 | 5 | 5 | 5000 | 19.82 | 6.5 | 2.54 | 16-Dip | 425-1502-5-ND* | 2.43 | 2.00 | 1.62 | PC849Y |
| | 70 | 50 | 50 | 600 | 5 | 5 | 5000 | 19.82 | 6.5 | 2.54 | 16-Dip | 425-1499-5-ND | 1.35 | 1.13 | .90 | PC847X |
| | 70 | 50 | 200 | 600 | 5 | 5 | 5000 | 19.82 | 6.5 | 2.54 | 16-Dip | 425-1500-5-ND | 1.35 | 1.13 | .90 | PC847X7 |
| | 80 | 50 | 100 | — | 1 | .5 | 5000 | 19.82 | 6.5 | 2.54 | 16-Dip | 425-1518-5-ND | 2.03 | 1.62 | 1.34 | PC8066 |
| 300 | 50 | 40 | 80 Typ. | 5 | 5 | 5000 | 19.82 | 6.5 | 2.54 | 16-Dip | 425-1516-5-ND | 6.12 | 5.04 | 4.08 | PC8051 | |

† AC Input # Darlington Output * Din/VDE 0884 ‡ Burn-in type

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