



Econoline — DC/DC Converters (Cont.)



| Fig. | Input Voltage (VDC) | Output Voltage (VDC) | Output Current (mA) | Digi-Key Part No. | Price Each | | | RECOM Part No. |
|--|--|----------------------|---------------------|-------------------|------------|-------|------------|----------------|
| | | | | | 1 | 5 | 10 | |
| 4 | 5 | ±12 | ±42 | 945-1237-ND | 9.52 | 9.24 | 9.10 | RP-0512D |
| | 5 | ±15 | ±33 | 945-1238-ND | 9.52 | 9.24 | 9.10 | RP-0515D |
| | 5 | 15 | 66 | 945-1239-ND | 9.07 | 8.81 | 8.68 | RP-0515S |
| | 5 | 24 | 42 | 945-1240-ND | 9.07 | 8.81 | 8.68 | RP-0524S |
| | 12 | ±12 | ±42 | 945-1253-ND | 9.52 | 9.24 | 9.10 | RP-1212D |
| 12 | 12 | 84 | 945-1254-ND | 9.07 | 8.81 | 8.68 | RP-1212S | |
| 24 | 5 | 200 | 945-1273-ND | 9.52 | 9.24 | 9.10 | RP-2405S | |
| RS Series — 2 Watt, Isolated, Single and Dual Output | | | | | | | | |
| 4 | 4.5 - 9 | ±5 | ±200 | 945-1308-ND | 13.18 | 12.80 | 12.61 | RS-0505D |
| | 4.5 - 9 | 5 | 400 | 945-1309-ND | 12.33 | 11.96 | 11.78 | RS-0505S |
| | 4.5 - 9 | ±12 | ±83 | 945-1310-ND | 13.18 | 12.80 | 12.61 | RS-0512D |
| | 9 - 18 | ±5 | ±200 | 945-1311-ND | 12.99 | 12.61 | 12.42 | RS-1205D |
| | 9 - 18 | 5 | 400 | 945-1312-ND | 12.14 | 11.79 | 11.61 | RS-1205S |
| | 9 - 18 | ±12 | ±83 | 945-1313-ND | 12.99 | 12.61 | 12.42 | RS-1212D |
| | 18 - 36 | 5 | 400 | 945-1314-ND | 12.14 | 11.79 | 11.61 | RS-2405S |
| | 18 - 36 | ±12 | ±83 | 945-1315-ND | 12.99 | 12.61 | 12.42 | RS-2412D |
| | 18 - 36 | ±15 | ±67 | 945-1316-ND | 12.99 | 12.61 | 12.42 | RS-2415D |
| | 18 - 36 | 15 | 134 | 945-1317-ND | 12.14 | 11.79 | 11.61 | RS-2415S |
| | 36 - 72 | 5 | 400 | 945-1325-ND | 14.13 | 13.72 | 13.51 | RS-4805S |
| | RS3 Series — 3 Watt, Isolated, Single and Dual Output | | | | | | | |
| 4 | 4.5 - 9 | ±5 | ±300 | 945-1318-ND | 14.76 | 14.34 | 14.12 | RS3-0505D |
| | 4.5 - 9 | 5 | 600 | 945-1319-ND | 13.80 | 13.40 | 13.20 | RS3-0505S |
| | 9 - 27 | 5 | 600 | 945-1320-ND | 15.32 | 14.87 | 14.65 | RS3-2405SZ |
| | 9 - 27 | 12 | 250 | 945-1321-ND | 15.32 | 14.87 | 14.65 | RS3-2412SZ |
| | 18 - 36 | ±15 | ±100 | 945-1322-ND | 14.55 | 14.13 | 13.91 | RS3-2415D |
| | 20 - 60 | 5 | 600 | 945-1323-ND | 16.94 | 16.44 | 16.19 | RS3-4805SZ |
| 20 - 60 | 12 | 250 | 945-1324-ND | 16.94 | 16.44 | 16.19 | RS3-4812SZ | |
| RSO Series — 1 Watt, Isolated, Single and Dual Output | | | | | | | | |
| 4 | 4.5 - 9 | ±5 | ±100 | 945-1326-ND | 14.30 | 13.88 | 13.67 | RSO-0505D |
| | 4.5 - 9 | 5 | 200 | 945-1327-ND | 12.99 | 12.62 | 12.42 | RSO-0505S |
| | 4.5 - 9 | 5 | 200 | 945-1328-ND | 15.01 | 14.57 | 14.35 | RSO-0505S/H3 |
| | 9 - 18 | 5 | 200 | 945-1329-ND | 12.40 | 12.04 | 11.86 | RSO-1205S |
| | 18 - 36 | 5 | 200 | 945-1330-ND | 12.14 | 11.79 | 11.61 | RSO-2405S |
| | 9 - 36 | 5 | 200 | 945-1331-ND | 15.01 | 14.57 | 14.35 | RSO-2405SZ/H3 |
| | 9 - 36 | ±12 | ±42 | 945-1332-ND | 16.51 | 16.04 | 15.79 | RSO-2412DZ/H3 |
| | 18 - 36 | 12 | 83 | 945-1333-ND | 12.14 | 11.79 | 11.61 | RSO-2412S |
| | 9 - 36 | 12 | 83 | 945-1334-ND | 15.01 | 14.57 | 14.35 | RSO-2412SZ/H3 |

| Fig. | Input Voltage (VDC) | Output Voltage (VDC) | Output Current (mA) | Digi-Key Part No. | Price Each | | | RECOM Part No. |
|---|---------------------|----------------------|---------------------|-------------------|------------|-------|---------------|----------------|
| | | | | | 1 | 5 | 10 | |
| 4 | 9 - 36 | ±15 | ±34 | 945-1335-ND | 16.51 | 16.04 | 15.79 | RSO-2415DZ/H3 |
| | 18 - 72 | 5 | 200 | 945-1336-ND | 17.46 | 16.96 | 16.70 | RSO-4805SZ/H3 |
| | 18 - 72 | ±12 | ±42 | 945-1337-ND | 19.22 | 18.66 | 18.38 | RSO-4812DZ/H3 |
| | 18 - 72 | 12 | 83 | 945-1338-ND | 17.46 | 16.96 | 16.70 | RSO-4812SZ/H3 |
| 18 - 72 | ±15 | ±34 | 945-1339-ND | 19.22 | 18.66 | 18.38 | RSO-4815DZ/H3 | |
| RY Series — 1 Watt, Single and Dual Output | | | | | | | | |
| 4 | 5 | ±5 | ±100 | 945-1340-ND | 8.33 | 8.08 | 7.96 | RY-0505D |
| | 5 | 5 | 200 | 945-1341-ND | 7.23 | 7.02 | 6.91 | RY-0505S |
| | 5 | ±12 | ±42 | 945-1342-ND | 8.33 | 8.08 | 7.96 | RY-0512D |
| | 5 | 12 | 84 | 945-1343-ND | 7.23 | 7.02 | 6.91 | RY-0512S |
| | 5 | ±15 | ±33 | 945-1344-ND | 8.33 | 8.08 | 7.96 | RY-0515D |
| 12 | 5 | 200 | 945-1345-ND | 7.23 | 7.02 | 6.91 | RY-1205S | |
| 24 | 5 | 200 | 945-1346-ND | 7.58 | 7.36 | 7.25 | RY-2405S | |
| RNM Series — 1 Watt, Single Output | | | | | | | | |
| 5 | 5 | 5 | 200 | 945-1213-ND | 4.87 | 4.73 | 4.66 | RNM-0505S |
| | 5 | 12 | 83 | 945-1214-ND | 4.87 | 4.73 | 4.66 | RNM-0512S |
| | 5 | 3.3 | 303 | 945-1215-ND | 4.87 | 4.73 | 4.66 | RNM-053.3S |
| | 12 | 5 | 200 | 945-1216-ND | 4.87 | 4.73 | 4.66 | RNM-1205S |
| | 12 | 12 | 83 | 945-1217-ND | 4.87 | 4.73 | 4.66 | RNM-1212S |
| 3.3 | 5 | 200 | 945-1218-ND | 5.40 | 5.24 | 5.17 | RNM-3.305S | |
| 3.3 | 3.3 | 303 | 945-1219-ND | 5.40 | 5.24 | 5.17 | RNM-3.33S | |
| RO Series — 1 Watt, Single Output | | | | | | | | |
| 6 | 5 | 5 | 200 | 945-1220-ND | 4.11 | 3.99 | 3.94 | RO-0505S |
| | 5 | 12 | 83 | 945-1221-ND | 4.11 | 3.99 | 3.94 | RO-0512S |
| | 5 | 15 | 66 | 945-1222-ND | 4.11 | 3.99 | 3.94 | RO-0515S |
| | 12 | 5 | 200 | 945-1223-ND | 4.11 | 3.99 | 3.94 | RO-1205S |
| | 12 | 12 | 83 | 945-1224-ND | 4.11 | 3.99 | 3.94 | RO-1212S |
| | 24 | 5 | 200 | 945-1225-ND | 4.47 | 4.34 | 4.27 | RO-2405S |
| 24 | 12 | 83 | 945-1226-ND | 4.47 | 4.34 | 4.27 | RO-2412S | |
| 24 | 15 | 66 | 945-1227-ND | 4.47 | 4.34 | 4.27 | RO-2415S | |
| 24 | 24 | 42 | 945-1228-ND | 4.47 | 4.34 | 4.27 | RO-2424S | |
| 3.3 | 5 | 200 | 945-1229-ND | 4.49 | 4.36 | 4.30 | RO-3.305S | |
| ROM Series — 1 Watt, Micro Size, Single Output | | | | | | | | |
| 6 | 5 | 5 | 200 | 945-1230-ND | 5.03 | 4.89 | 4.81 | ROM-0505S |
| | 5 | 12 | 83 | 945-1231-ND | 5.03 | 4.89 | 4.81 | ROM-0512S |
| | 12 | 5 | 200 | 945-1232-ND | 5.03 | 4.89 | 4.81 | ROM-1205S |
| | 12 | 12 | 83 | 945-1233-ND | 5.03 | 4.89 | 4.81 | ROM-1212S |

† Cut Tape ‡ Tape and Reel

Powerline — DC/DC and AC/DC Converters

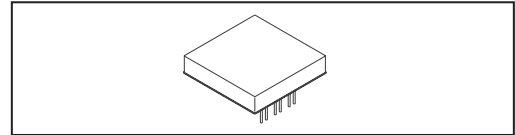


DC/DC:

Features: • Single and Dual • Ultra wide input voltage range • Regulated outputs • Industry standard packages and pinouts • Micro-sized cases • International safety standards • Short circuit protection • Six-sided shielding • Optional heat sinks • Filter chokes available • UL-60950

AC/DC:

Features: • Universal AC/DC input voltage • Single, Dual and Triple regulated outputs • Low output ripple and noise • Micro size package style • Low quiescent current (Energy savings) • Short circuit protection with auto recovery • PCB or Panel/DIN mount (-ST) • International safety standards • UL/EN-60950 and UL-60601



| Input Voltage Range | Output Voltage (VDC) | Output Current (mA) | Digi-Key Part No. | Price Each | | | RECOM Part No. |
|--|----------------------|---------------------|-------------------|------------|-------|-------|-----------------|
| | | | | 1 | 5 | 10 | |
| DC/DC Converters | | | | | | | |
| RP08 Series — 8 Watt, Single and Dual Output | | | | | | | |
| 9 - 36VDC | 5 | 1600 | 945-1241-ND | 36.66 | 35.58 | 35.05 | RP08-2405SAW |
| 9 - 36VDC | ±12 | ±333 | 945-1242-ND | 38.49 | 37.36 | 36.80 | RP08-2412DAW |
| 9 - 36VDC | 15 | 533 | 945-1243-ND | 36.66 | 35.58 | 35.05 | RP08-2415SAW |
| 9 - 36VDC | 3.3 | 2400 | 945-1244-ND | 36.66 | 35.58 | 35.05 | RP08-243.3SAW |
| RP10 Series — 10 Watt, Single and Dual Output | | | | | | | |
| 9 - 36VDC | ±5 | ±1000 | 945-1245-ND | 55.10 | 53.49 | 52.67 | RP10-2405DEW |
| 9 - 36VDC | 5 | 2000 | 945-1246-ND | 49.49 | 48.04 | 47.31 | RP10-2405SEW |
| 9 - 36VDC | ±12 | ±416 | 945-1247-ND | 55.10 | 53.49 | 52.67 | RP10-2412DEW |
| 9 - 36VDC | 12 | 830 | 945-1248-ND | 49.49 | 48.04 | 47.31 | RP10-2412SEW |
| 9 - 36VDC | ±15 | ±333 | 945-1249-ND | 55.10 | 53.49 | 52.67 | RP10-2415DEW |
| 18 - 75VDC | 5 | 2000 | 945-1250-ND | 49.49 | 48.04 | 47.31 | RP10-4805SEW |
| 18 - 75VDC | ±12 | ±416 | 945-1251-ND | 55.10 | 53.49 | 52.67 | RP10-4812DEW |
| 18 - 75VDC | 12 | 830 | 945-1252-ND | 49.49 | 48.04 | 47.31 | RP10-4812SEW |
| RP12 Series — 12 Watt, Single and Dual Output | | | | | | | |
| 9 - 36VDC | 5.1 | 2400 | 945-1255-ND | 45.82 | 44.48 | 43.81 | RP12-2405SAW |
| 9 - 36VDC | 12 | 1000 | 945-1256-ND | 45.82 | 44.48 | 43.81 | RP12-2412SAW |
| 9 - 36VDC | ±15 | ±400 | 945-1257-ND | 48.20 | 46.79 | 46.08 | RP12-2415DAW |
| 18 - 75VDC | 5.1 | 2400 | 945-1258-ND | 45.82 | 44.48 | 43.81 | RP12-4805SAW |
| RP15 Series — 15 Watt, Single and Dual Output | | | | | | | |
| 9 - 36VDC | 5 | 3000 | 945-1259-ND | 40.42 | 39.24 | 38.64 | RP15-2405SAW |
| 9 - 36VDC | ±12 | ±625 | 945-1260-ND | 56.80 | 55.14 | 54.30 | RP15-2412DAW |
| 9 - 36VDC | 12 | 1300 | 945-1261-ND | 40.42 | 39.24 | 38.64 | RP15-2412SAW |
| 9 - 36VDC | ±15 | ±500 | 945-1262-ND | 56.80 | 55.14 | 54.30 | RP15-2415DAW |
| 9 - 36VDC | 3.3 | 4000 | 945-1263-ND | 51.64 | 50.13 | 49.37 | RP15-243.3SAW |
| 18 - 75VDC | 5 | 3000 | 945-1264-ND | 51.64 | 50.13 | 49.37 | RP15-4805SAW |
| 18 - 75VDC | ±12 | ±625 | 945-1265-ND | 56.80 | 55.14 | 54.30 | RP15-4812DAW |
| 18 - 75VDC | 12 | 1300 | 945-1266-ND | 51.64 | 50.13 | 49.37 | RP15-4812SAW |
| 18 - 75VDC | ±15 | ±500 | 945-1269-ND | 56.80 | 55.14 | 54.30 | RP15-4815DAW |
| 18 - 75VDC | 3.3 | 4000 | 945-1270-ND | 51.64 | 50.13 | 49.37 | RP15-483.3SAW |
| RP15 Series — 15 Watt, Single Output | | | | | | | |
| 18 - 75VDC | 5 | 3000 | 945-1265-ND | 52.67 | 51.13 | 50.35 | RP15-4805SOFW |
| 18 - 75VDC | 5 | 3000 | 945-1266-ND | 57.79 | 56.10 | 55.25 | RP15-4805SOFW/N |

| Input Voltage Range | Output Voltage (VDC) | Output Current (mA) | Digi-Key Part No. | Price Each | | | RECOM Part No. |
|--|----------------------|---------------------|-------------------|------------|-------|-------|------------------|
| | | | | 1 | 5 | 10 | |
| 18 - 75VDC | 3.3 | 4000 | 945-1271-ND | 52.67 | 51.13 | 50.35 | RP15-483.3SOFW |
| 18 - 75VDC | 3.3 | 4000 | 945-1272-ND | 57.79 | 56.10 | 55.25 | RP15-483.3SOFW/N |
| RP30 Series — 30 Watt, Single and Dual Output | | | | | | | |
| 9 - 36VDC | 5 | 6000 | 945-1274-ND | 66.84 | 64.88 | 63.89 | RP30-2405SF |
| 9 - 36VDC | 12 | 2500 | 945-1275-ND | 66.84 | 64.88 | 63.89 | RP30-2412SF |
| 9 - 36VDC | ±15 | ±1000 | 945-1276-ND | 85.39 | 82.88 | 81.63 | RP30-2415DF |
| 18 - 75VDC | 5 | 6000 | 945-1277-ND | 66.84 | 64.88 | 63.89 | RP30-4805SF |
| 18 - 75VDC | 12 | 2500 | 945-1278-ND | 66.84 | 64.88 | 63.89 | RP30-4812SF |
| 18 - 75VDC | 15 | 2000 | 945-1279-ND | 80.65 | 78.28 | 77.09 | RP30-4815SF |
| RP40 Series — 40 Watt, Single and Dual Output | | | | | | | |
| 9 - 36VDC | 5 | 8000 | 945-1280-ND | 89.81 | 87.18 | 85.86 | RP40-2405SGW |
| 9 - 36VDC | 12 | 3333 | 945-1281-ND | 89.81 | 87.18 | 85.86 | RP40-2412SGW |
| 18 - 75VDC | 5 | 8000 | 945-1282-ND | 89.81 | 87.18 | 85.86 | RP40-4805SGW |
| 18 - 75VDC | ±12 | ±1667 | 945-1283-ND | 94.76 | 91.98 | 90. | |