<table>
<thead>
<tr>
<th>Section Reference Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connectors, Cable Assemblies, IC Sockets. 12-132</td>
</tr>
<tr>
<td>Semiconductors, ICs, Transistors, Diodes, Rectifiers 133-239</td>
</tr>
<tr>
<td>Crystals, Oscillators 240-253</td>
</tr>
<tr>
<td>Inductors, Coils, Filters 254-280</td>
</tr>
<tr>
<td>Capacitors 281-348</td>
</tr>
<tr>
<td>Audio, Buzzers, Microphones, Speakers 349-352</td>
</tr>
<tr>
<td>Resistors, Potentiometers, Thermistors, ZNRs 353-400</td>
</tr>
<tr>
<td>Switches, Relays, Electromechanical 401-449</td>
</tr>
<tr>
<td>Wire, Cable, and Accessories 450-458</td>
</tr>
<tr>
<td>Prototyping, Tools, Solder, Test Equipment 459-492</td>
</tr>
<tr>
<td>Batteries 493-500</td>
</tr>
<tr>
<td>Fuses 501-515</td>
</tr>
<tr>
<td>Fans 516-521</td>
</tr>
<tr>
<td>Transformers, Power Supplies 522-546</td>
</tr>
<tr>
<td>Optoelectronics, LEDs, LCDs, Lasers, Displays 547-584</td>
</tr>
</tbody>
</table>

1-800-344-4539
218-681-6674 • FAX: 218-681-3380 • www.digikey.com
Panasonic Extra Heavy Duty Carbon Zinc Batteries

FEATURES:
- Unsurpassed Leakage Resistance for a Longer Service Life
- Discharge Characteristics Suited for All Applications - Excellent Storage Life

Panasonic Extra Heavy Duty battery is composed of: manganese dioxide for the positive-activating substance, carbon zinc powder for the negative-activating substance, and an aqueous solution of neutral salts such as zinc chloride and ammonium chloride for the electrolyte.

APPLICATIONS:
- Battery hook-ups, tape recorders, portable TVs, interphones, transceivers, electronic calculators, clocks and watches, communications equipment, measuring instruments and various other electronic products - Flashlights, pen lights and various other lighting devices - 8mm cameras and other photographic products - Gas and oil equipment - Medical equipment

Also available in tabbed version of D, C, and AA cell batteries; denoted by "T" suffix in Digi-Key part number.

Digi-Key is not approved by any state or federal agency as an authorized supplier of product for medical, life support or life sustaining devices or systems.

Panasonic Alkaline Batteries

FEATURES:
- Large Current and Large Capacity for an Excellent Performance
- Stable Voltage and Current
- Unsurpassed Resistance to Leakage
- Excellent Storage Life

The cylindrical alkaline battery is composed of: manganese dioxide for the positive-activating substance, zinc powder for the negative-activating substance, and caustic alkali for the electrolyte.

APPLICATIONS:
- 95% Mercury Free
- Virtually 100% leakage proof
- Batteries can be used in any position
- Exceptional Deep Discharge Ability
- Excellent Storage Life; Flat or Cyclic:
  - Corrosive Gas Generation:
  - No corrosive gas generation during normal use.

Also available in tabbed version of D, C, and AA cell batteries; denoted by "T" suffix in Digi-Key part number.

Digi-Key is not approved by any state or federal agency as an authorized supplier of product for medical, life support or life sustaining devices or systems.

Panasonic Sealed Lead-Acid Batteries

GENERAL FEATURES:
- DO NOT LEAK!!
- High Quality & High Reliability:
- The LCR battery has stable and reliable capacity. 100% tested on line for High Quality & High Reliability:
  - Excellent Storage Life
  - Unsurpassed Resistance to Leakage
  - Activating substance, zinc powder for the negative-activating substance, and an aqueous solution of neutral salts such as zinc chloride and ammonium chloride for the electrolyte.

APPLICATIONS:
- Medical, life support or life sustaining devices or systems.
- Also available in tabbed version of D, C, and AA cell batteries; denoted by "T" suffix in Digi-Key part number.

Digi-Key is not approved by any state or federal agency as an authorized supplier of product for medical, life support or life sustaining devices or systems.

Battery Tester

Tests D, C, AA, AAA, N and 9-Volt and button cell batteries under load—a true test of terminal voltage!

CROSS REFERENCE ABBREVIATIONS: EP=Eagle-Picher; YU=Yuasa; PS=Power Sonic; PA=Panasonic

Panasonic Battery Charger/Maintainer

INTELINDER MODELS 150 & 300

The Intelinder brings the battery to full optimum charge. Then, under the control of its computer, monitors the battery’s voltage, supplying only what is needed to maintain the ideal charge. Model 300 charges 2 batteries.

Battery Pack

Volts Amps Digi-Key Price

#150: 5.0 (127.00) #300: 7.0 (177.80)

INTELINDER MODELS 150 & 300

Cable (Must Order Separately)

optimum charge. Then, under the control of its computer, monitors the battery’s voltage, supplying only what is needed to maintain the ideal charge. Model 300 charges 2 batteries.
### Panasonic Nickel-Metal Hydride Batteries and Tabbed Versions

**Batteries:** Panasonic nickel-metal hydride batteries are rechargeable and can be used for various applications. They are ideal for high cycle life and excellent discharge characteristics.

**Applications:** Medical, Office Automation, Audio Visual, Communication, Office Automation, Audio Visual

**Features:**
- Superior Energy Density: Nickel-metal hydride batteries have approximately 20-30% more capacity than equivalent standard cells.
- High Cycle Life: These batteries are designed to withstand many cycles of discharge and recharge.
- Excellent Discharge Characteristics:
  - High Capacity: These batteries feature increased capacity and rapid charge.
  - Rapid Charge: Super high capacity and rapid charge are types of batteries that are ideal for high energy applications. These types are designed with improved charge characteristics, allowing for a faster charge.
- Proper usage may cause battery liquid leakage, so do not mix old batteries with new ones.

**Special Purpose Batteries:**
- **Rapid Charge “R” Type:** This rapid charge, high rate discharge battery is combined with the pasted positive plate to produce a capacity approximately 40% greater than that of the “R” type battery of the same size. High Rate Discharge & Rapid Charge “R/P” Type: This rapid charge, high rate discharge battery is combined with the pasted negative plate to produce a capacity approximately 20~30% more capacity than equivalent standard cells.
- **Super High Capacity & Rapid Charge “S” Type:** These batteries are ideal for high energy applications. These types are designed with improved charge characteristics, allowing for a faster charge.

**Note:** This product is not designed for use with flat top batteries indicated by /FT.

---

### Panasonic Nickel Cadmium Batteries

**The Panasonic nickel-cadmium battery is rechargeable and can be used for various applications.**

**Features:**
- Excellent performance characteristics:
  - Sealed, Strong, Leakproof Construction.
  - Superior Energy Density:
  - Excellent Discharge Characteristics:
  - High Cycle Life:
  - True full charge in just 6 hours (9V in 15 hours)
  - Quick resupply up to 4 rechargeable nickel cadmium batteries.
  - UL approved. With anti-reversal polarity protection system.
  - Simultaneous charging of any pair of nickel cadmium batteries.

**Applications:**
- Medical
- Office Automation
- Audio Visual
- Communication
- Office Automation
- Audio Visual

**Note:**
- Not designed for Ni-Cad batteries.
- Do not use new batteries together with old batteries, or the battery charger may become damaged.

---

### Panasonic 6-Hour Nickel Cadmium Battery Charger

**Features:**
- True full charge in just 6 hours (9V in 15 hours)
- Quick resupply up to 4 rechargeable nickel cadmium batteries.
- UL approved. With anti-reversal polarity protection system.
- Simultaneous charging of any pair of nickel cadmium batteries.
- Do not use with flat top batteries indicated by /FT.

**Note:**
- Not designed for Ni-Cad batteries.
- Do not use new batteries together with old batteries, or the battery charger may become damaged.

---

### Panasonic Cross Reference Abbreviations:

- SF = SAFT USA (France); VA = VARTA
- Germany; ER = Eveready; SA = SANYO Japan; TD = Toshiba; DY = Dynavox

---

### Panasonic Nickel-Metal Hydride Batteries and Tabbed Versions

**Features:**
- **Superior Energy Density:** Nickel-metal hydride batteries have approximately 20-30% more capacity than equivalent standard cells.
- **High Cycle Life:** These batteries are designed to withstand many cycles of discharge and recharge.
- **Excellent Discharge Characteristics:**
  - High Capacity: These batteries feature increased capacity and rapid charge.
  - Rapid Charge: Super high capacity and rapid charge are types of batteries that are ideal for high energy applications. These types are designed with improved charge characteristics, allowing for a faster charge.

**Applications:**
- **Communication**
- **Office Automation**
- **Audio Visual**
- **Communication**
- **Office Automation**
- **Audio Visual**

**Note:** This product is not designed for use with flat top batteries indicated by /FT.

---

### Panasonic Nickel-Cadmium Batteries

**The Panasonic nickel-cadmium battery is rechargeable and can be used for various applications.**

**Features:**
- Excellent performance characteristics:
  - Sealed, Strong, Leakproof Construction.
  - Superior Energy Density:
  - Excellent Discharge Characteristics:
  - High Cycle Life:
  - True full charge in just 6 hours (9V in 15 hours)
  - Quick resupply up to 4 rechargeable nickel cadmium batteries.
  - UL approved. With anti-reversal polarity protection system.
  - Simultaneous charging of any pair of nickel cadmium batteries.

**Applications:**
- Medical
- Office Automation
- Audio Visual
- Communication
- Office Automation
- Audio Visual

**Note:**
- Not designed for Ni-Cad batteries.
- Do not use new batteries together with old batteries, or the battery charger may become damaged.

---

### Panasonic 6-Hour Nickel Cadmium Battery Charger

**Features:**
- True full charge in just 6 hours (9V in 15 hours)
- Quick resupply up to 4 rechargeable nickel cadmium batteries.
- UL approved. With anti-reversal polarity protection system.
- Simultaneous charging of any pair of nickel cadmium batteries.
- Do not use with flat top batteries indicated by /FT.

**Note:**
- Not designed for Ni-Cad batteries.
- Do not use new batteries together with old batteries, or the battery charger may become damaged.
## Panasonic Nickel Cadmium Batteries Solder Tabbed Version

### Battery Packs with Panasonic Batteries

For Memory Backup, Power Tools, Radio Controlled and Other Endless Applications

All battery packs are made using our high quality Panasonic cells. Shown are standard configurations. If you have a special need or a configuration that you do not see, give us a call for further information. Packs are available in nearly all sizes of Nickel-Cadmium, NiMh, Lithium, and Alkaline cylinder batteries. Digi-Key is not approved by any state or federal agency as an authorized supplier of product for medical, life support or the sustaining devices or systems.

### How To Order:

Call for pricing on any standard or custom battery pack

Select Digi-Key Part No. of any Cylinder Type Battery

Select Style of Battery Pack From Chart

### Standard Type (Solder Tabbed)

<table>
<thead>
<tr>
<th>Size</th>
<th>Capacity</th>
<th>Dimensions Dia. x Height</th>
<th>Weight</th>
<th>Std. Qty</th>
<th>Quick Charge</th>
<th>Pricing</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>1.2</td>
<td>0.46 x 1.16 (11.5 x 29.5)</td>
<td>0.38 (8.0)</td>
<td>15</td>
<td>69.8 5.0</td>
<td>P110T-ND 2.69 24.17 429.60/200 17714/1200</td>
</tr>
<tr>
<td>AAA</td>
<td>1.2</td>
<td>0.41 x 1.75 (10.5 x 44.5)</td>
<td>0.35 (10)</td>
<td>22</td>
<td>66.5.0</td>
<td>P100T-ND 2.79 25.09 446.00/200 2669/3180</td>
</tr>
<tr>
<td>AAA</td>
<td>1.2</td>
<td>0.41 x 1.75 (10.5 x 44.5)</td>
<td>0.35 (10)</td>
<td>22</td>
<td>66.5.0</td>
<td>P100T-ND 2.79 25.09 446.00/200 2669/3180</td>
</tr>
<tr>
<td>AA</td>
<td>1.2</td>
<td>0.57 x 1.90 (14.5 x 48.3)</td>
<td>0.74 (21)</td>
<td>50</td>
<td>150.6.0</td>
<td>P227T-ND 2.69 124.12 857.40/60 1286/4800</td>
</tr>
<tr>
<td>2/3C</td>
<td>1.2</td>
<td>0.89 x 1.02 (22.5 x 26.0)</td>
<td>1.02 (29)</td>
<td>60</td>
<td>150.6.0</td>
<td>P118T-ND 5.47 49.19 655.80/10 1067/4800</td>
</tr>
<tr>
<td>2/3C</td>
<td>1.0</td>
<td>1.00 x 1.22 (25.8 x 31.0)</td>
<td>1.59 (46)</td>
<td>100</td>
<td>333.4.5</td>
<td>P238T-ND 6.51 58.61 266.50/50 1172/2350</td>
</tr>
<tr>
<td>C</td>
<td>1.3</td>
<td>1.00 x 1.34 (25.3 x 49.3)</td>
<td>2.65 (75)</td>
<td>220</td>
<td>300.4.5</td>
<td>P163T-ND 6.64 59.78 1056.26/10 982/5240</td>
</tr>
<tr>
<td>C</td>
<td>1.2</td>
<td>1.00 x 1.34 (25.3 x 49.3)</td>
<td>2.65 (75)</td>
<td>220</td>
<td>300.4.5</td>
<td>P163T-ND 6.64 59.78 1056.26/10 982/5240</td>
</tr>
<tr>
<td>D</td>
<td>1.2</td>
<td>1.30 x 2.36 (33.0 x 61.5)</td>
<td>4.00 (139)</td>
<td>400</td>
<td>120.6.0</td>
<td>P247T-ND 11.61 92.86 829.61/60 696/45100</td>
</tr>
</tbody>
</table>

### High Temperature "H" Type (Solder Tabbed)

<table>
<thead>
<tr>
<th>Style</th>
<th>Volts</th>
<th>Cells</th>
<th>Configuration</th>
<th>Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>F025</td>
<td>12.0</td>
<td>10</td>
<td>-</td>
<td>ND</td>
</tr>
</tbody>
</table>

### Battery Packs

For Memory Backup, Power Tools, Radio Controlled and Other Endless Applications

All battery packs are made using our high quality Panasonic cells. Shown are standard configurations. If you have a special need or a configuration that you do not see, give us a call for further information. Packs are available in nearly all sizes of Nickel-Cadmium, NiMh, Lithium, and Alkaline cylinder batteries. Digi-Key is not approved by any state or federal agency as an authorized supplier of product for medical, life support or the sustaining devices or systems.

### How To Order:

Call for pricing on any standard or custom battery pack

Select Digi-Key Part No. of any Cylinder Type Battery

Select Style of Battery Pack From Chart

### Panasonic Nickel Cadmium Batteries Solder Tabbed Version

- See "How To Order" for note on shipping charges on prepaid orders.
- Packs are available in nearly all sizes of Nickel-Cadmium, NiMh, Lithium, and Alkaline cylinder batteries.
- For Memory Backup, Power Tools, Radio Controlled and Other Endless Applications
- Digi-Key is not approved by any state or federal agency as an authorized supplier of product for medical, life support or the sustaining devices or systems.
The main features of lithium batteries are as follows:

- **High Voltage**: Nominal voltage is 3V, which is nearly double that of other batteries which use the aqueous electrolyte system, such as manganese dry batteries, and silver-oxide batteries.

- **High energy density**: Overwhelmingly high energy density, as compared with conventional batteries and lithium thin cells. The energy density is 5 to 10 times higher than that of manganese dry batteries. The energy density when stored at room temperatures is ca. 0.5% annually — worry about deterioration is unnecessary.

- **Stable Flat Discharge Voltage**: Since conductive carbon is continuously formed during discharge, internal impedance does not increase until the end of discharge, thus stabilizing discharge voltage.

- **Excellent Temperature Characteristics**: Organic solvent ensures a low electrolyte freezing point so that the batteries can be used in a wide temperature range. -40°C to 85°C is standard; (-40°C to 150°C for the High Temp Cell which contains a small quantity of lithium metal). Since the low-temperature characteristics of BR-type batteries are superior to those of CR-type batteries. In storage, BR batteries perform better at high temperatures. These characteristics must be taken into consideration when selecting a battery for a particular application.

- **UL Approval**: Panasonic lithium batteries are UL recognized. UL File No. MH12210. Digi-Key is not approved by any state or federal agency as an authorized distributor of product for medical, life support or life sustaining devices or systems.

### Standard Coin Type

<table>
<thead>
<tr>
<th>Type</th>
<th>Diameter (mm)</th>
<th>Height (mm)</th>
<th>Capacity (mAh)</th>
<th>Nominal Voltage (V)</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coin 1</td>
<td>10.5</td>
<td>3.15</td>
<td>33</td>
<td>3.0</td>
<td>P034-ND</td>
</tr>
<tr>
<td>Coin 2</td>
<td>12.0</td>
<td>3.35</td>
<td>55</td>
<td>3.0</td>
<td>P033-ND</td>
</tr>
<tr>
<td>Coin 3</td>
<td>14.5</td>
<td>3.40</td>
<td>100</td>
<td>3.0</td>
<td>P034-ND</td>
</tr>
<tr>
<td>Coin 4</td>
<td>16.0</td>
<td>3.50</td>
<td>255</td>
<td>3.0</td>
<td>P034-ND</td>
</tr>
<tr>
<td>Coin 5</td>
<td>20.0</td>
<td>3.80</td>
<td>355</td>
<td>3.0</td>
<td>P034-ND</td>
</tr>
<tr>
<td>Coin 6</td>
<td>23.0</td>
<td>3.80</td>
<td>400</td>
<td>3.0</td>
<td>P034-ND</td>
</tr>
</tbody>
</table>

### PCB Terminal Type

<table>
<thead>
<tr>
<th>Fig.</th>
<th>Type</th>
<th>Cap. (mAh)</th>
<th>Dim. (mm)</th>
<th>W. (in.)</th>
<th>Drain Max. (mA)</th>
<th>Digi-Key Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A</td>
<td>40</td>
<td>30 x 22</td>
<td>1.15</td>
<td>2.5</td>
<td>P005-ND</td>
</tr>
<tr>
<td>2</td>
<td>A</td>
<td>60</td>
<td>40 x 30</td>
<td>1.20</td>
<td>5.0</td>
<td>P005-ND</td>
</tr>
<tr>
<td>3</td>
<td>A</td>
<td>100</td>
<td>60 x 40</td>
<td>1.30</td>
<td>10.0</td>
<td>P005-ND</td>
</tr>
<tr>
<td>4</td>
<td>A</td>
<td>200</td>
<td>80 x 60</td>
<td>1.50</td>
<td>20.0</td>
<td>P005-ND</td>
</tr>
<tr>
<td>5</td>
<td>A</td>
<td>300</td>
<td>100 x 80</td>
<td>1.80</td>
<td>30.0</td>
<td>P005-ND</td>
</tr>
<tr>
<td>6</td>
<td>A</td>
<td>500</td>
<td>120 x 100</td>
<td>2.20</td>
<td>50.0</td>
<td>P005-ND</td>
</tr>
<tr>
<td>7</td>
<td>A</td>
<td>1000</td>
<td>200 x 150</td>
<td>3.40</td>
<td>100.0</td>
<td>P005-ND</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pin Type</th>
<th>Cap. (mAh)</th>
<th>Dim. (mm)</th>
<th>W. (in.)</th>
<th>Drain Max. (mA)</th>
<th>Digi-Key Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin 1</td>
<td>200</td>
<td>1.20</td>
<td>1.20</td>
<td>20.0</td>
<td>P005-ND</td>
</tr>
<tr>
<td>Pin 2</td>
<td>300</td>
<td>1.50</td>
<td>1.50</td>
<td>30.0</td>
<td>P005-ND</td>
</tr>
<tr>
<td>Pin 3</td>
<td>400</td>
<td>1.80</td>
<td>1.80</td>
<td>40.0</td>
<td>P005-ND</td>
</tr>
</tbody>
</table>

**Note**: See "How To Order" for note on shipping charges on prepaid orders. * Tabbed version.
Features: • One high-voltage battery to serve your back up needs. This single, compactly designed, cost-effective 3V battery does the
work of three 1.2V Ni-Cd or two capacitors. • Months of continuous
use as a backup. The VL3032 has a nominal electrical capacity of
150mAh which translates into 10,000 hours with a microprocessor
load of 10 µA.

Applications: - Memory Backup: Facsimiles, ECRs, telephones,
鎮ometers, sequencers, VTRs, video cameras, personal computers,
кард readers, tuners.

**Panasonic® Vanadium Pentoxide Lithium Rechargeable Batteries**

**Features:**
- One high-voltage battery to serve your backup needs.
- Single, compactly designed, cost-effective 3V battery does the work of three 1.2V Ni-Cd or two capacitors.
- Months of continuous use as a backup.
- The VL3032 has a nominal electrical capacity of 150mAh which translates into 10,000 hours with a microprocessor load of 10 µA.

**Applications:**
- Memory Backup: Facsimiles, ECRs, telephones, temperature sensors, sequencers, VTRs, video cameras, personal computers, memory cards, tuners.

**Panasonic® Replacement Telephone Packs**

**Type 1**

**Type 2, 3, 4, & 9**

**Type 43 & 92**

**TELEPHONE MODEL CROSS REFERENCE CHART**

**Panasonic®**

**Features:**
- One high-voltage battery to serve your back up needs.
- Single, compactly designed, cost-effective 3V battery does the work of three 1.2V Ni-Cd or two capacitors.
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**Applications:**
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**Applications:**
- Memory Backup: Facsimiles, ECRs, telephones, temperature sensors, sequencers, VTRs, video cameras, personal computers, memory cards, tuners.
### Battery Holders

<table>
<thead>
<tr>
<th>No. of Cells</th>
<th>Description</th>
<th>Digi-Key Part No.</th>
<th>Pricing 1</th>
<th>Pricing 10</th>
<th>Pricing 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/3N” Cell Holders</td>
<td>BHT3N-ND</td>
<td>.86</td>
<td>7.75</td>
<td>65.10</td>
</tr>
<tr>
<td>2</td>
<td>“N” Cell Holders</td>
<td>BHT5W-ND</td>
<td>1.94</td>
<td>17.49</td>
<td>159.98</td>
</tr>
<tr>
<td>3</td>
<td>“AAA” Cell Holders</td>
<td>BHAAA-PND</td>
<td>1.35</td>
<td>12.11</td>
<td>109.49</td>
</tr>
<tr>
<td>4</td>
<td>PC Mount, Solder Legs</td>
<td>BHAAA-P-ND</td>
<td>1.42</td>
<td>12.75</td>
<td>108.27</td>
</tr>
<tr>
<td>5</td>
<td>“AA” Cell Holders</td>
<td>BHAAA-P-ND</td>
<td>2.39</td>
<td>21.55</td>
<td>179.94</td>
</tr>
<tr>
<td>6</td>
<td>PC Mount, Solder Legs</td>
<td>BHAAA-P-ND</td>
<td>2.59</td>
<td>23.35</td>
<td>194.99</td>
</tr>
<tr>
<td>7</td>
<td>Battery Case for 2 AA Cells</td>
<td>SBH-32TA-ND</td>
<td>65</td>
<td>5.83</td>
<td>48.00</td>
</tr>
<tr>
<td>8</td>
<td>Battery Case for 2 AA Cells</td>
<td>SBH-32TA-ND</td>
<td>72</td>
<td>6.48</td>
<td>60.00</td>
</tr>
<tr>
<td>9</td>
<td>Battery for 3 AA Cells</td>
<td>SBH-331A-ND</td>
<td>96</td>
<td>8.64</td>
<td>68.00</td>
</tr>
<tr>
<td>10</td>
<td>Battery for 4 AA Cells</td>
<td>SBH-331A-ND</td>
<td>1.03</td>
<td>9.29</td>
<td>74.36</td>
</tr>
<tr>
<td>11</td>
<td>Battery for 5 AA Cells</td>
<td>SBH-331A-ND</td>
<td>1.01</td>
<td>9.07</td>
<td>72.59</td>
</tr>
<tr>
<td>12</td>
<td>Battery for 6 AA Cells</td>
<td>SBH-331A-ND</td>
<td>1.08</td>
<td>9.72</td>
<td>79.00</td>
</tr>
<tr>
<td>13</td>
<td>Battery Case for 6 AA Cells</td>
<td>SBH-341A-ND</td>
<td>1.42</td>
<td>12.75</td>
<td>106.27</td>
</tr>
<tr>
<td>14</td>
<td>Battery Case for 7 AA Cells</td>
<td>SBH-341A-ND</td>
<td>2.39</td>
<td>21.55</td>
<td>179.94</td>
</tr>
<tr>
<td>15</td>
<td>Battery Case for 8 AA Cells</td>
<td>SBH-341A-ND</td>
<td>2.59</td>
<td>23.35</td>
<td>194.99</td>
</tr>
</tbody>
</table>

### Coin Cell Holders — 23mm Cell Diameter

<table>
<thead>
<tr>
<th>No. of Cells</th>
<th>Description</th>
<th>Digi-Key Part No.</th>
<th>Pricing 1</th>
<th>Pricing 10</th>
<th>Pricing 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/2AA” Cell Holders</td>
<td>BH2AAA-PC-ND</td>
<td>2.24</td>
<td>20.14</td>
<td>167.71</td>
</tr>
<tr>
<td>2</td>
<td>1/3N” Cell Holders</td>
<td>BH2N-ND</td>
<td>1.94</td>
<td>17.49</td>
<td>159.98</td>
</tr>
</tbody>
</table>

### Coin Cell Holders — 24-25mm Cell Diameter

<table>
<thead>
<tr>
<th>No. of Cells</th>
<th>Description</th>
<th>Digi-Key Part No.</th>
<th>Pricing 1</th>
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</table>

### Coin Cell Holders — 30mm Cell Diameter

<table>
<thead>
<tr>
<th>No. of Cells</th>
<th>Description</th>
<th>Digi-Key Part No.</th>
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### Circuit Breaker Snap-Ons (off board battery mount)

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### Memory Protection Devices

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### Cigarette Lighter Sockets

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### Power Plug Splitter, One Male Plug Two Receptacle Sockets

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### Cigarette Assemblies

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### Auto Power Plug

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Flashlights & Light Scopes

Matsushita Communication Industrial Co., Ltd.

Color CCD Camera

Model GP-KR510P

- Enclosed color CCD camera with microphone.
- Designed for video conferencing or video telephone use.
- Features the GP-CX141P camera board with audio.
- Innovative mounting bracket allows mounting in virtually any position.
- 360° Pan, 90° Tilt (manual).
- Includes AC adapter and non-detachable cables.
- RCA Plug for video out, standard microphone plug for audio out.

Solar Cell Modules

SolarX

SA Series Amorphous Silicon Module

The SA Series solar-electric modules use the most advanced of the photovoltaic technologies — thin film semiconductors and conductive materials deposited on glass — to transform light energy to electricity. Its proven encapsulation system and durable Laminar™ Process ensures long outdoor life, high reliability, and easy installation. Typical commercial applications of these modules include operation of remote telemetry units, security sensors, and signals. It is also well-suited to various small electrical jobs around the home, farm, boat or RV, such as charging marine or vehicle batteries, powering radios and portable communication equipment, and low output electrical devices. Power output is via a silicon-reinforced two conductor cable which extends from the edge of the module. The cable's two 18 AWG wires are insulated with PVC, and the cable jacket is PVC.

Matsushita Color Board Camera

Model GP-CX141/45P, NTSC Version

A self-contained board type color camera with a 45° viewing angle for indoor applications. It features a small size and a low power consumption with the built-in Digital Signal Processor (DSP) for digital signal processing and the latest bare-chip manufacturing technology.

- Features: Small size and lightweight (32g x 22.5mm x 13.8mm) 
- Designed for video conferencing or video telephone use.
- Innovative mounting bracket allows mounting in virtually any position.
- 360° Pan, 90° Tilt (manual).
- Includes AC adapter and non-detachable cables.
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慌極: $1.5 - $2.5 m/s, no included size label.

specifications: 
- Magnification: 30x or 100x 
- Power Source: Two AA batteries (P107-ND sold separately) 
- Body Material: ABS plastic (black) 
- Dimensions: 7.5° x 20° x 0.9° (139.7mm x 58.8mm x 22.86mm) 
- Weight: Approx. 2.4 oz (65.04 grams)

Applications: Research labs, environmental field work, circuit board exam, hobbyists, collectors, manufacturers, and more.