

| Specifications              |                                                         |
|-----------------------------|---------------------------------------------------------|
| Part Number                 | PQ1X501M2ZP                                             |
| Manufacturer                | Sharp Microelectronics                                  |
| Description                 | IC REG LDO 5V 0.15A SOT23-5                             |
| Category                    | Integrated Circuits (ICs) > PMIC - Voltage Regulators - |
| Part Status                 | 4730 pcs Stock                                          |
| Series                      | -                                                       |
| Operating Temperature       | -30°C ~ 85°C                                            |
| Mounting Type               | Surface Mount                                           |
| Voltage - Input             | Up to 9V                                                |
| Package / Case              | SC-74A, SOT-753                                         |
| Supplier Device Package     | SOT-23-5                                                |
| Voltage - Output            | 5V                                                      |
| Current - Output            | 150mA                                                   |
| Regulator Topology          | Positive Fixed                                          |
| Voltage - Dropout (Typical) | 0.2V @ 150mA                                            |
| Number of Regulators        | 1                                                       |
| Current - Limit (Min)       | 180mA                                                   |
| Packaging                   | Tape & Reel (TR)                                        |
|                             |                                                         |

|                                                                                                                                                                                       |                                                                                                                                                                            |                                                                                                                                                                              |                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>In:</p>  <p><b>PQ1X331M2ZP</b><br/>Sharp Microelectronics<br/>IC REG LDO 3.3V 0.15A SOT23-5</p> |  <p><b>PQ1X451M2ZP</b><br/>Sharp Microelectronics<br/>IC REG LDO 4.5V 0.15A SOT23-5</p> |  <p><b>PQ1X331M2ZPH</b><br/>Sharp Microelectronics<br/>IC REG LDO 3.3V 0.15A SOT23-5</p> |  <p><b>PQ1X501M2ZPH</b><br/>Sharp Microelectronics<br/>IC REG LDO 5V 0.15A SOT23-5</p>   |
|  <p><b>PQ1X371M2ZP</b><br/>SHARP<br/>PQ1X371M2ZP SHARP</p>                                         |  <p><b>PQ1X401M2ZPH</b><br/>Sharp Microelectronics<br/>IC REG LDO 4V 0.15A SOT23-5</p>  |  <p><b>PQ1X361M2ZPH</b><br/>Sharp Microelectronics<br/>IC REG LDO 3.6V 0.15A SOT23-5</p> |  <p><b>PQ1X451M2ZPH</b><br/>Sharp Microelectronics<br/>IC REG LDO 4.5V 0.15A SOT23-5</p> |

More

- |                |                     |                |                |                |
|----------------|---------------------|----------------|----------------|----------------|
| ➡ PQ1LA333MSPQ | ➡ PQ1LA335MSPQ      | ➡ PQ1LA503MSPQ | D PQ1LA505MSPQ | ➡ PQ1LA955MSPQ |
| ⊢ PQ1M155M2SPQ | ⊢ PQ1M183M2SPQ      | D PQ1M185M2SPQ | ➡ PQ1M255M2SPQ | ➡ PQ1M335M2SPQ |
| ⊢ PQ1M505M2SPQ | ⊢ PQ1MX55M2SPQ      | ⊢ PQ1R25J0000H | ➡ PQ1R30J000H  | ➡ PQ1R33J0000H |
| D PQ1R50J0000H | ⊢ PQ1T331M2ZP       | ⊢ PQ1U181M2ZPH | ⊢ PQ1U251M2ZPH | ➡ PQ1U281M2ZP  |
| ➡ PQ1U281M2ZPH | ➡ PQ1U28KM2ZP       | ⊢ PQ1U301M2ZP  | ⊢ PQ1U301M2ZPH | ➡ PQ1U331M2ZP  |
| ➡ PQ1U331M2ZPH | ➡ PQ1U351M2ZP       | D PQ1U351M2ZPH | ⊢ PQ1U501M2ZP  | ⊢ PQ1U501M2ZPH |
| ⊢ PQ1X151M2ZP  | D PQ1X151M2ZPH      | ➡ PQ1X181M2ZP  | ➡ PQ1X181M2ZPH | ➡ PQ1X251M2ZP  |
| ⊢ PQ1X251M2ZPH | ⊢ PQ1X251M2ZPH/2.5V | ➡ PQ1X261M2ZPH | ➡ PQ1X281M2ZP  | ➡ PQ1X281M2ZPH |
| ⊢ PQ1X291M2ZP  | ⊢ PQ1X291M2ZPH      | ⊢ PQ1X301M2ZP  | D PQ1X301M2ZPH | ➡ PQ1X331M2ZP  |
| ➡ PQ1X331M2ZPH | ⊢ PQ1X371M2ZP       | ⊢ PQ1X401M2ZPH | ⊢ PQ1X451M2ZPH | ➡ PQ1X501M2ZPH |