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|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div>  | <div><div>UPD78F0453GA-HAB-AX</div></div>                                                                                                                             |
| <div></div> | <div><div>Manufacturer Part Number:</div><div>UPD78F0453GA-HAB-AX</div></div>                                                                                         |
|                                                                                              | <div><div>Manufacturer/Brand:</div><div>Renesas Electronics America</div></div>                                                                                       |
|                                                                                              | <div><div>Part of Description:</div><div>IC MCU 8BIT 32KB FLASH 64TFQFP</div></div>                                                                                   |
|                                                                                              | <div><div>Datasheets:</div><div> <a href="#">UPD78F0453GA-HAB-AX.pdf</a></div></div> |
|                                                                                              | <div><div>RoHs Status:</div><div> Lead free / RoHS</div></div>                       |
|                                                                                              | <div><div>Stock Condition:</div><div>Compliant<br/>New original, 2598 pcs Stock Available.</div></div>                                                                |
|                                                                                              | <div><div>Ship From:</div><div>Hong Kong</div></div>                                                                                                                  |
| <div>Image may be representation.<br/>See specs for product details.</div>                   | <div><div>Shipment Way:</div><div>DHL/Fedex/TNT/UPS/EMS</div></div>                                                                                                   |

| Specifications             |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | UPD78F0453GA-HAB-AX                                     |
| Manufacturer               | Renesas Electronics America                             |
| Description                | IC MCU 8BIT 32KB FLASH 64TFQFP                          |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 2598 pcs Stock                                          |
| Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 5.5 V                                           |
| Speed                      | 10MHz                                                   |
| Series                     | 78K0/Lx3                                                |
| RAM Size                   | 1K x 8                                                  |
| Program Memory Type        | FLASH                                                   |
| Program Memory Size        | 32KB (32K x 8)                                          |
| Peripherals                | LCD, LVD, POR, PWM, WDT                                 |
| Packaging                  | Tray                                                    |
| Package / Case             | 64-TQFP                                                 |
| Oscillator Type            | Internal                                                |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Number of I/O              | 46                                                      |
| EEPROM Size                | -                                                       |
| Data Converters            | A/D 8x10b                                               |
| Core Size                  | 8-Bit                                                   |
| Core Processor             | 78K/0                                                   |
| Connectivity               | 3-Wire SIO, LIN, UART/USART                             |

You May Be Also Be interested

|                                                                                                                                                                                                                        |                                                                                                                                                                    |                                                                                                                                                                                                                         |                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>In:</div> <div></div> <div><div>UPD78F0453GK</div><div>NEC</div><div>UPD78F0453GK NEC</div></div>                              | <div></div> <div><div>UPD78F0453</div><div>NEC</div><div>NEC TQFP44</div></div> | <div></div> <div><div>UPD78F0453GK-GAJ</div><div>RENESAS</div><div>RENESAS TQFP44</div></div>                                       | <div></div> <div><div>UPD78F0453GB-GAH-AX</div><div>Renesas Electronics America</div><div>IC MCU 8BIT 32KB FLASH 64LQFP</div></div> |
| <div></div> <div><div>UPD78F0452GB-GAH-AX</div><div>Renesas Electronics America</div><div>IC MCU 8BIT 24KB FLASH 64LQFP</div></div> | <div></div> <div><div>UPD78F0453GK(S)-GAJ-A</div><div>NEC</div></div>           | <div></div> <div><div>UPD78F0452GK-GAJ-AX</div><div>Renesas Electronics America</div><div>IC MCU 8BIT 24KB FLASH 64LQFP</div></div> | <div></div> <div><div>UPD78F0453GK-GAJ-AX</div><div>Renesas Electronics America</div><div>IC MCU 8BIT 32KB FLASH 64LQFP</div></div> |

UPD78F0453GA-HAB-AX Related keyword

More

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| UPD78F0453GA-HAB-AX Renesas Electronics America | UPD78F0453GA-HAB-AX Data Sheet   | UPD78F0453GA-HAB-AX Datasheets  | UPD78F0453GA-HAB-AX PDF   | Renesas Electronics America<br>UPD78F0453GA-HAB-AX |
| UPD78F0453GA-HAB-AX Electronic                  | UPD78F0453GA-HAB-AX Components   | UPD78F0453GA-HAB-AX Distributor | UPD78F0453GA-HAB-AX Image | UPD78F0453GA-HAB-AX Part                           |
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