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|---|--|
|   | <b>DF38086RW10V</b>  |
|   | <b>Manufacturer Part Number:</b> DF38086RW10V  |
|  | <b>Manufacturer/Brand:</b> Renesas Electronics America   |
|   | <b>Part of Description:</b> IC MCU 16BIT 52KB FLASH 80TQFP   |
| <b>Datasheets:</b>  |  <a href="#">DF38086RW10V.pdf</a> |
| <b>RoHS Status:</b>   |  Lead free / RoHS                 |
| <b>Stock Condition:</b>   | Compliant<br>New original, Stock Available.  |
| <b>Ship From:</b>   | Hong Kong  |
| <b>Shipment Way:</b>  | DHL/Fedex/TNT/UPS/EMS  |
| Image may be representation. See specs for product details.                       |  |



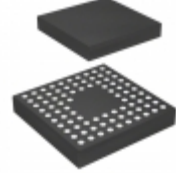

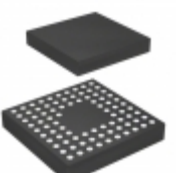


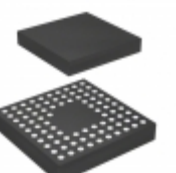
Specifications

|                            |   |
|----------------------------|---|
| Part Number                | DF38086RW10V  |
| Manufacturer               | Renesas Electronics America                             |
| Description                | IC MCU 16BIT 52KB FLASH 80TQFP                          |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | Require For Quote & Check Stock                         |
| Series                     | H8@ H8/300H SLP   |
| Operating Temperature      | -20°C ~ 75°C (TA)                                       |
| Package / Case             | 80-TQFP   |
| Supplier Device Package    | 80-TQFP (12x12)   |
| Peripherals                | LCD, POR, PWM, WDT                                      |
| Core Processor             | H8/300H   |
| Speed                      | 10MHz   |
| Number of I/O              | 55  |
| EEPROM Size                | -   |
| RAM Size                   | 2K x 8  |
| Core Size                  | 16-Bit  |
| Connectivity               | I <sup>2</sup> C, IrDA, SCI                             |
| Program Memory Size        | 52KB (52K x 8)  |
| Program Memory Type        | FLASH   |
| Voltage - Supply (Vcc/Vdd) | 2.7 V ~ 3.6 V   |
| Data Converters            | A/D 3x10b, 2x14b  |
| Oscillator Type            | Internal  |
| Packaging                  | Tray  |

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|  <p><b>DF38086RLP10V</b><br/>Renesas Electronics America<br/>IC MCU 16BIT 52KB FLASH<br/>85TFLGA</p> |  <p><b>DF38086RH10WV</b><br/>Renesas Electronics America<br/>IC MCU 16BIT 52KB FLASH<br/>80QFP</p>  |  <p><b>DF38086RW10WV</b><br/>Renesas Electronics America<br/>IC MCU 16BIT 52KB FLASH<br/>80TQFP</p>   |  <p><b>DF38086RLP4V</b><br/>Renesas Electronics America<br/>IC MCU 16BIT 52KB FLASH<br/>85TFLGA</p> |

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| ⊛ 0603YC563K4T2A          | ↔ 08055C474K4T2A      | ⇒ 70SHB120        | D ADM202JRN-REEL        | ⇒ AP2191FMG-7        |
| ⊣ AVR-M1608C270MT6AB      | ⊛ B3100-13-F          | D B72205S0271K101 | ⇒ BAS116LP3-7           | ⇒ BAT20JFILM         |
| ⊛ BR9016RFV-E2            | ⊣ C1608X8R1H223M080AE | ⊛ C2767C-L        | ↔ C3225C0G2E223J160AA   | ⇒ CDS6004828         |
| D CGA4F3X7R2E222K         | ⊛ CT1206K35G          | ⊣ CX25875-14      | ⊛ CY22393ZXC-540T       | ⇒ DS28E10P+          |
| ⇒ DSPIC33FJ256MC710A-I/PT | ↔ EC15203A            | ⊛ FD3055LE        | ⊣ GBO25-12NO1           | ⇒ GMHI-050120TNE-EP1 |
| ↔ IRFS3207TRLPBF          | ⇒ LM4051AEM3X-ADJ     | D LM6142AIMX      | ⊛ LP2981A-33DBVR        | ⊣ LPC2141FBD64       |
| ⊛ MB1512PFV-G-BND-EF      | D MC79M12CDTG         | ⇒ MCF12102G400-T  | ↔ MD1501A17PPL          | ⇒ MIC29204BM         |
| ⊣ MMUN2238LT1             | ⊛ N350CH18            | ↔ PMEG2010AEB     | ⇒ RL2010JK-070R82-0.82R | ⇒ RT9058-50GV        |
| ⊛ S-8241ABIMC-GBIT2G      | ⊣ SC900684AAF         | ⊛ SI4963DY        | D SKY77577-11           | ⇒ SKY77704-14        |
| ↔ SPSWH1S01S1GQ09Y9R      | ⊛ TC2014-3.0VCTTR     | ⊣ TC7W00FK        | ⊛ V24B5C200B            | ⇒ VIB0001TFJ         |

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