

# UPD70F3426GJ(A)-GAE-AX

- Products
- Microcontroller and Microprocessor
- V850 Family
- V850E/Dx
- V850E/Dx3

**UPD70F3426GJ(A)-GAE-AX**

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## Product Spec

- Basic Information
- Memory
- CPU (Bit, Clock, DMA, External Bus etc)
- Timers
- Analog
- Interfaces
- Operating Conditions
- Remarks

Basic Information	
Product Status	Mass Production
Family	V850
Series	V850E/Dx
Group	V850E/Dx3

Memory	
Program memory	2048 KB Flash memory
RAM	84 KB

CPU (Bit, Clock, DMA, External Bus etc)	
CPU	V850E1 (32-bit)
Max. Frequency	48 MHz
Sub-Clock (32.768 kHz)	YES
On-chip Oscillator Freq.	64, 32, 24 MHz, Low Speed 240 kHz
Power-On Reset	YES
Low Voltage Detection	YES
DMA Remarks	DMAC x 4 ch
External Interrupt Pins	8
I/O Ports	98

Timers	
16-bit Timers	17 ch
Watchdog Timers	1 ch
PWM Output	16
3-Phase PWM Output Function	YES

Analog	
A/D Converters	10-bit x 16 ch

Interfaces	
CAN	2 ch
CSIs	2 ch
SPIs	3 ch
UARTs	3 ch
I2Cs	2 ch
LIN	2 ch

Operating Conditions	
Operating Voltage	3.5 to 5.5 V
Operating Temperature	-40 to 85 °C (Ambient Temperature)

Remarks	
Automotive	

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## Order Information

Orderable Part No.	Order	Production Status	EU RoHS	RoHS-pdf (China-RoHS)
UPD70F3426GJ(A)-GAE-AX	<b>Contact</b>	Mass Production	Compliant	<a href="#">English</a>

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## Package

Package	
Pins	144
Pin pitch	0.5 mm
Package Type	LFQFP
Body Size	20x20 mm <sup>2</sup>
Package drawing	<a href="#">p144gj-50-gae</a>
Mount pad drawing	<a href="#">fig0009e</a>
Mounting height	1.6 mm
Mass	1.33 g
Renesas code	PLQP0144KD-A (old: P144GJ-50-GAE-4)
JEITA code	P-LFQFP144-20x20-0.50
Remarks	LQFP(matrix line),PPF TYPE

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