

# HD64F2345FA20V

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## Product Spec

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

Basic Information	
Product Status	Mass Production
Family	<a href="#">H8S</a>
Series	<a href="#">H8S/2300</a>
Group	<a href="#">H8S/2345</a>

Memory	
Program memory	128 KB Flash memory
RAM	4 KB

CPU (Bit, Clock, DMA, External Bus etc)	
CPU	H8S/2000 (16-bit)
Max. Frequency	20 MHz
External Interrupt Pins	9
I/O Ports	71

Timers	
8-bit Timers	2 ch
16-bit Timers	6 ch
Watchdog Timers	1 ch
PWM Output	6(shared with TPU)

Analog	
A/D Converters	10-bit x 8 ch
D/A Converters	8-bit x 2 ch

Operating Conditions	
Operating Voltage	4.5 to 5.5 V
Operating Temperature	-20 to 75 °C ()

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## Order Information

Orderable Part No.	Order	Production Status	Packing	EU RoHS	RoHS-pdf (China-RoHS)	Remark
DF2345FA20V	<span style="background-color: yellow;">Contact</span>	Mass Production	Tray	Compliant	<a href="#">English</a>	Consumer

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## Package

Package	
Pins	100
Pin pitch	0.5 mm
Package Type	FQFP
Body Size	14x14 mm <sup>2</sup>
Package drawing	<a href="#">prqp0100ka_a</a>
Mount pad drawing	<a href="#">fig0008e</a>
Mounting height	3.05 mm
Mass	1.2 g
Renesas code	PRQP0100KA-A (old: FP-100BV)
JEITA code	P-FQFP100-14x14-0.50

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