

R5F72395ADFP

Products

- Microcontrollers (MCU) and Microprocessors (MPU)
- M16C Family
- M16C/60
- M16C/65

R5F72395ADFP

- Product Spec Order Information Buy Package

Product Spec

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

Basic Information	
Product Status	Mass Production
Family	SuperH
Series	SH7239
Group	SH7239

Memory	
Program memory	512 KB Flash memory
RAM	64 KB
Data Flash	32 KB
Cache Memory Remark	ROM cache

CPU (Bit, Clock, DMA, External Bus etc)	
CPU	SH2A-FPU (32-bit)
Max. Frequency	160 MHz
PLL	YES
Power-On Reset	YES
Floating Point Unit	YES
DMA Remarks	DMAC x 8 ch, DTC
External Address/Data Bus	YES
External Interrupt Pins	8
I/O Ports	85

Timers	
16-bit Timers	11 ch
Watchdog Timers	1 ch
PWM Output	24
3-Phase PWM Output Function	YES

Analog	
A/D Converters	12-bit x 16 ch

Interfaces	
CAN	1 ch
CSIs	4 ch
SPIs	4 ch
UARTs	4 ch
Serial Interface Remarks	SCI (CSI:3ch/UART:3ch), SCIF (CSI:1ch/UART:1ch), RSPI

Operating Conditions	
Operating Voltage	3.0 to 3.6 V
Power Supply	VCC=PLL VCC=3.0-3.6V, AVCC=AVREF=4.5-5.5V
Operating Temperature	-40 to 85 °C (Ambient Temperature)

Back To Top

Order Information

Buy

Orderable Part No.	Production Status	Packing	EU RoHS	RoHS-pdf (China-RoHS)
R5F72395ADFP#V0	Mass Production	Tray	Compliant	English

Back To Top

Package

Package	
Pins	120
Pin pitch	0.5 mm
Package Type	LFQFP
Body Size	16x16 mm ²
Package drawing	plqp0120ka_a
Mount pad drawing	fig0009e
Mounting height	1.7 mm
Mass	0.9 g
Renesas code	PLQP0120KA-A
JEITA code	P-LFQFP120-16x16-0.50

Back To Top

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Microprocessors - MPU category](#):

Click to view products by [Renesas manufacturer](#):

Other Similar products are found below :

[MC68302EH20C](#) [MC7457RX1000LC](#) [MC7457RX1267LC](#) [MC7457VG1267LC](#) [A2C00010998 A](#) [A2C52004004](#) [R5F117BCGNA#20](#)
[R5F52106BDLA#U0](#) [R5S72690W266BG#U0](#) [ADJ3400IAA5DOE](#) [MPC8245TVV266D](#) [MPC8245TZU300D](#) [MPC8260ACVVMHBB](#)
[MPC8323ECVRAFDCA](#) [MPC8323VRADDDCA](#) [MPC8536ECVJAVLA](#) [BOXNUC5PGYH0AJ](#) [20-668-0024](#) [P1010NSN5DFB](#)
[P2010NSN2MHC](#) [P2020NXE2HHC](#) [P5020NSE7QMB](#) [P5020NSE7TNB](#) [P5020NSE7VNB](#) [LS1020ASN7KQB](#) [LS1020AXN7HNB](#)
[LS1020AXN7KQB](#) [A2C00010729 A](#) [A2C00039344](#) [T1022NSE7MQB](#) [T1022NXN7PQB](#) [T1023NSE7MQA](#) [T1024NXE7PQA](#)
[T1042NSE7MQB](#) [T1042NSN7MQB](#) [T1042NXN7WQB](#) [T2080NSE8TTB](#) [T2080NSN8PTB](#) [T2080NXE8TTB](#) [T2081NXN8TTB](#)
[R5F101AFASP#V0](#) [MC68302CEH20C](#) [TS68040MF33A](#) [MPC8260ACVVMIBB](#) [MPC8280CZUUPEA](#) [MPC8313ECVRAFFC](#)
[MPC8313ECVRAGDC](#) [MPC8313EVRADDC](#) [MPC8313EVRAFFC](#) [MPC8313VRADDC](#)