infinity-electronic

N/A	CR16MAS9VJE9/NOP
	Part Number:
	Manufacturer/Brand:
	Product description
	Datasheets:
	RoHs Status
	Stock Condition
	Ship From
	Shipment Way
	REQUEST FOR QUOTATION
Image may be representation. See specifications for product details.	

AS9VJE9/NOPB

rt Number:
anufacturer/Brand:
oduct description
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Hs Status
ock Condition
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ipment Way

CR16MAS9VJE9/NOPB

N/A IC MCU 16BIT 64KB FLASH 80MQFP

Lead free / RoHS Compliant 6084 pcs stock Hong Kong DHL/Fedex/TNT/UPS/EMS

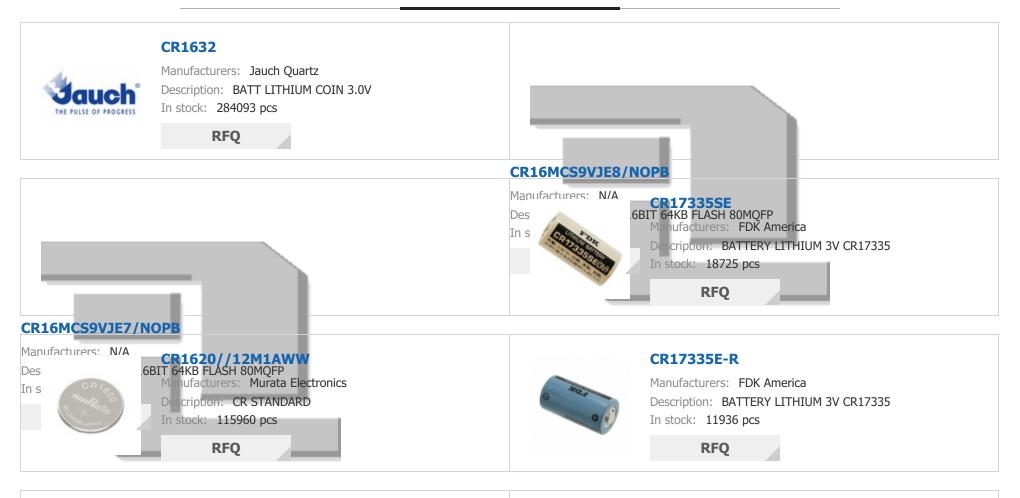
Specifications of CR16MAS9VJE9/NOPB

NANUFACTURERNADESCRIPTIONCMCU 168IT 64K8 FLASH 80M0FPLEAD FREE STATUS / ROHS STATUSGad free / ROHS CompliantQUANTTY AVAILABLE064 pcsQUANTTY AVAILABLE064 pcsDATA SHEETVOLTAGE - SUPPLY (VCC/VDD)SUPPLER DEVICE PACKAGE80-M0FPSERED24MH2SRERESCompactRISC**RRM SIZEMSAPROGRAM MEMORY TYPEKASPROGRAM MEMORY SIZE64K8 (AK & S)PROGRAM MEMORY SIZE04PGPACKAGE / CASE04PGAGKAGE / CASE04PGOTTAGE / CASE04PGPACKAGE / CASE04PGCASINGCASINGDATA SIZE04PGPROGRAM MEMORY SIZE04PGPACKAGE / CASE04PGCASELITO TYPE04PGDATA SIZE04PGCASINGCASINGOCILLATO TYPECASINGOCILLATO TYPECASINGOCILLATO TYPECASINGOFGRATING TEMPERATURECA CPC (TA)NUMERE OF JOSA (MAESSVIES) NOPBNUMERE OF JOSA (MAESSV		
DESCRIPTIONICMCU 168TG 64KB FLASH 80MQPPLEAD FREE STATUS / ROHS STATUSLead free / RoHS CompliantQUANTIYA AVALABLE0684 pcDATAS SHEETVOLTAGE - SUPPLY (VCC/VDD)SUPLER DEVICE PACKAGE80-MQPPSPELED20MHZSPELED00mpackRISC ^M SPELED00mpackRISC ^M SPELED00mpackRISC ^M SPELED00mpackRISC ^M SPELED00mpackRISC ^M SPELED00mpackRISC ^M SPELED00mpackRISC ^M PROGRAM MEMORY TYPENASHPROGRAM MEMORY TYPE04KB (4K x 8)PROGRAM MEMORY SIZE00mpackRISC ^M PROGRAM MEMORY SIZE00mpackRISC ^M ONTRE SIZE00mpackRISC ^M PROGRAM MEMORY SIZE00mpackRISC ^M PROGRAM MEMORY SIZE01mpackRISC ^M PROGRAM SIZE01mpackRISC ^M <td>PART NUMBER</td> <td>CR16MAS9VJE9/NOPB</td>	PART NUMBER	CR16MAS9VJE9/NOPB
LEAP FREE STATUS / ROHS STATUSLead free / RoHS CompliantQUANTITY AVALABLE6604 pcsDATA SHEET4.5 V ~ 5.5 VVICTAGE - SUPPLY (VCC/DD)4.5 V ~ 5.5 VSUPPLIER DEVICE PACKAGE80-MQPSPEED24/HtzSERESCompactRISC ¹⁰ RAM SIZE00mpactRISC ¹⁰ PROGRAM MEMORY TYPEFLASHPROGRAM MEMORY STZE64K8 (64K × 8)PROTORIAM MEMORY STZE00-QFPPACKAGE / CASE80-QFPOTHER NAMESCCT (IMASSY)E9NOPB CRI IMASSY)E9NOPB CRI IMASSY)E9NOPB <td>MANUFACTURER</td> <td></td>	MANUFACTURER	
QuANITY AVAILABLE6084 psDATA SHEET5.5 VVICTAGE - SUPPLY (VCCVDD)5.6 V > 5.5 VSUPLIER DEVICE PACKAGE6.40 QFPSPEEDCompactRISC**SPEEDCompactRISC**RAM SIZECompactRISC**PROGRAM MEMORY TYPEFLASHPROGRAM MEMORY TYPE6.4K8 (6KK x 8)PROGRAM MEMORY TSPE6.0K9 MUTOPACKAGINGTayPACKAGINGCompactRISC**Orther NAMESCGEMASSYJE9NOPB CRISMASSYJE9NOPB CRISMASSYJE9NOPB CRISMASSYJE9NOPB 	DESCRIPTION	IC MCU 16BIT 64KB FLASH 80MQFP
DATA SHEET VOLTAGE - SUPPLY (VCC/VDD) 4.5 V ~ 5.5 V SUPLIER DEVICE PACKAGE 804QFP SUPLIER DEVICE PACKAGE 044Hz SERED CompactRISC [™] STAS SHEET CompactRISC [™] RAM SIZE SK x 8 PROGRAM MEMORY TYPE FASH PROGRAM MEMORY SIZE GKB (64K x 8) PROFRAM MEMORY SIZE POR, PWM, WDT PACKAGE (CASE 80-QFP RAKAGE (CASE 80-QFP RAMAES CRISMASSYUEPS/NOPB OTHER NAMES CRISMASSYUEPS/NOPB OTHER N	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
ViolTAGE - SUPPLY (VICC/VDD)4.5 V > 5.5 VSUPLICE PACKAGE8000FPSPEDE24142SRESCompactRISC**RAM SIZEKX > 8PROGRAM MEMORY TYPEEASHPROGRAM MEMORY SIZE64K8 (64K × 8)PROGRAM MEMORY SIZEPOP. PVM, WDTPACKAGINGR000000000000000000000000000000000000	QUANTITY AVAILABLE	6084 pcs
SPPLIER PACKAGE84-MQFPSPED74M2SPEDCompacRISC**RAM SIZESx 8PROGRAM MEMORY TYPEFASHPROGRAM MEMORY SIZE6K8 (4K x 8)PRORAM TYPEFASHPACKAGE / CASE6AP(PM, MDTPACKAGE / CASE6AP(PM, MDT)OSCILLATO TYPESCI-MANSSVIES/NOPB CRIMASSVIES/NOPB CRIMASSVIES/NOPBNIMERE OF J/OSCI-MCACHAGE / CASEMAREE ATUS / CASEAP(PA CASE / CASEMINERE STATUS / LOVEL (MSL)ACI (MESCAGE / CASEDIATIELD DESCRIPTIONACI (MASCAGE / CASEDATA CONVERTERSACI (MASCAGE / CASECASE PACCESSORACIAGE / CASE /	DATA SHEET	
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RM SIZESK 8PROGRAM MEMORY TYPEFLASHPROGRAM MEMORY SIZE64K6 (4K x 8)PROGRAM MEMORY SIZEPOR, PWM, WDTPACKAGINGTaPACKAGING60, PPM, WDTPACKAGINGCORFPACKAGINGSCILLATOR TYPEOFERATING TEMPERATURECC 70° (TA)NUMER OF JOSCILLATOR TYPEOFERATING TEMPERATURECA (4 MEAS) SUES) NOPB CRIMASSYJES PINOPB CRIMASSYJES NOPB CRIMASSYJES NOPS CRIMASSYJES NOPB CRIMASSYJES NOPB CRIMASSYJES NOPB CRIMASSYJES NOPB CRIMASSYJES NOPB CRIMASSYJES NOPB CRIMASSYJES NOPB CRIMASSYJES NOPB CRIMASSYJES NOPB CRIMASSYJES NOPS CRIMASSYJES NOPS CRIMASS	SPEED	24MHz
PROGRAM MEMORY TYPEFLASHPROGRAM MEMORY SIZE64KB (64K × 8)PRIPHERALSPOR, PWM, WDTPACKAGINGTayPACKAGE / CASE80-OFPOrtHER NAMESCRC 16/MASSVJE9/NOPB CRI 6/MASSVJE9/NOPB CRI 6/MASSVJE9/NOPA CRI 6/MASSVJE9/NOPA/MASSVJE9/NOPA CRI 6/MASSVJE9/NOPA	SERIES	CompactRISC™
PROGRAM MEMORY SIZE64KB (64K x 8)PRCRAM MEMORY SIZEPOR, PWM, WDTPACKAGINGFWPACKAGINGFWPACKAGE / CASE80-OFPChife MASSAY JES/NOPB KIGMASSAY JES/NOPB KIGMASSAY JES/NOPBOSCILLATOR TYPEExternalOPERATING TEMPERATURE9C ~ 70° C (TA)NUMBER OF I/O5MUNDER OF I/OA (4 Weeks)LEAD FREE STATUS / ROHS STATUSA (4 Meeks)LEAD FREE STATUS / ROHS STATUSA (4 Meeks)EEPROM SIZE-DETAILED DESCRIPTIONCR16B Compatiantic Microontroller I C1-Bit 24 MHz 64 KB (64 KK x 8) FLASH 80-MQFPDATA CONVERTERSA (34 Deks)CORE SIZE61-BitCORE SIZE61-BitCORE SIZE61-BitCORE SIZE61-BitCORE SIZE61-BitCONTECTIVYSCESS.BUS (2-Wine/PCL SUBLY, CANTUS/RET, UARTY/USART)	RAM SIZE	3K x 8
PERIPHERALSPOR, PWM, WDTPACKAGINGTrayPACKAGING80-QFPCharles NAMESCRISGMASSYJE9/NOPB CRIGMASSYJE9/NOPB CRIGMASSYJE9/NOPB CRIGMASSYJE9/NOPB CRIGMASSYJE9/NOPB CRIGMASSYJE9/NOPBOSCILLATOR TYPEExternalOPERATING TEMPERATURE0°C ~ 70°C (TA)NUMBER OF I/O50NUMBER OF I/OCal free / Rol SCOMpliantNUMBER OF I/O24 (Weeks)LEAD FREE STATUS / ROHS STATUSCal free / Rol SCOMpliantEPROM SIZE-DATA CONVERTERSAlbaltaccompliant Microcontroller IC 16-Bit 24MHz 64KK 9. FLASH 80-MQPPCARE STATUSGRIBCARE PROCESSORCRIBCARE PROCESSORCRIBCARE PROCESSORCRIBCARE MARCH SUM	PROGRAM MEMORY TYPE	FLASH
PACKAGINGTwyPACKAGING8-QFPPACKAGE / CASE8-QFPorther NAMESCRISMASSYJE9/NOPB KIGMASSYJE9/NOPB KIGMASSYJE9/NOPB KIGMASSYJE9/NOPBOSCILLATOR TYPEKenalOPERATING TEMPERATURE0°C ~ 0°C (TA)NUMBER OF J/O6NUMBER OF J/O4 (Vesk)LEAD FREE STATUS (MSL)164 (SecompliantEPROM SIZE-DETATLED DESCRIPTIONA (Secompliant Called FLATUS (ASL ASL ASL ASL ASL ASL ASL ASL ASL ASL	PROGRAM MEMORY SIZE	64KB (64K x 8)
PACKAGE / CASEGo-GPPACKAGE / CASECRIGMASSYJES/NOPB CRIGMASSYJES/NOPALSIANAS/NENG/NOPS/NATUSART CRIGMASSYJES/NOPALSIANAS/NENG/NATUSART CRIGMASSYJES/NOPALSIANAS/NENG/NATUSART CRIGMASSYJES/NATUSANAS/NENG/NATUSART CRIGMASSYJES/NATUSANAS/NAT	PERIPHERALS	POR, PWM, WDT
orther NAMESCRI MASSYJES CRI MASSYJES CRI MASSYJES CRI MASSYJES CRI MASSYJES CRI MASSYJES NOPB RI MASSYJES-NDOSCILATOR TYPEExtenalOPERATING TEMPERATURE0° ~ 0° C (TA)NUBER OF I/O50MOISTURE SENSITIVTY LEVEL (MSL)A (4 Weck)LEAD FREE STATUS / ROHS STATUSLead free / RoHS CompliantEPROM SIZE-DETALLED DESCRIPTIONCRI 62 COMPACTIVE I C 16-Bit 24MHz 64KB (64K x 8) FLASH 80-MQFPCARE SIZE-DATA CONVERTERSA 164CORE SIZE-CARE SIZE-	PACKAGING	Tray
OTHER NAMESCRIGMASSYJES/NOPB CIMASSYJES/NOPASSYJES/NOPASSI CIMASSYJES/NOPASSI CIMASSYJES/NOPASSI CIMASSYJ	PACKAGE / CASE	80-QFP
OPERATING TEMPERATURE 6°< 70°C (TA)	OTHER NAMES	*CR16MAS9VJE9/NOPB CR16MAS9VJE9
NUMBER OF I/O56MOISTURE SENSITIVITY LEVEL (MSL)2A (4 Weeks)LEAD FREE STATUS / ROHS STATUSLead free / ROHS CompliantEEPROM SIZE-DETAILED DESCRIPTIONCR16B CompactRISCTM Microcontroller IC 16-Bit 24MHz 64KB (64K x 8) FLASH 80-MQFPDATA CONVERTERSA/D 8x12bCORE SIZE16-BitCORE SIZECR16BCORE PROCESSORCR16BCONNECTURYSCSSBUG/2C MBUS/, CANBUS/, MICROSPI, JUART/USART	OSCILLATOR TYPE	External
MOISTURE SENSITIVITY LEVEL (MSL) 2A (4 Weeks) LEAD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant EPROM SIZE - DETAILED DESCRIPTION CR16B CompactRISCIT IC 16-Bit 24MHz 64KB (64K x 8) FLASH 80-MQFP DATA CONVERTERS A/D 8x12b CORE SIZE 16-Bit CORE SIZE CR16B CORE SIZE CR16B CORE SIZE CR16B CORE SIZE CR16B	OPERATING TEMPERATURE	0°C ~ 70°C (TA)
LAD FREE STATUS / ROHS STATUSLead free / RoHS CompliantEEPROM SIZE-DETAILED DESCRIPTIONCN6B CompactRISC™ Microcontroller IC 16-Bit 24MHz 64KB (64K x 8) FLASH 80-MQFPDATA CONVERTERSA/D 8x12bCORE SIZE16-BitCORE PROCESSORCR16BCONNECTIVITYACESS.Bus (2-Wire/PLASH), CANbus, Microwire/Plus (SPI), UART/USART	NUMBER OF I/O	56
EEPROM SIZE-DETAILED DESCRIPTIONCR16B CompactRISCTM Microcontroller IC 16-Bit 24MHz 64KB (64K x 8) FLASH 80-MQFPDATA CONVERTERSA/D 8x12bCORE SIZE16-BitCORE PROCESSORCR16BCONNECTIVITYACESS.Bus (2-Wire/IPLos, Microwire/Plus (SPI), UART/USART	MOISTURE SENSITIVITY LEVEL (MSL)	2A (4 Weeks)
DETAILED DESCRIPTIONCR16B CompactRISC™ Microcontroller IC 16-Bit 24MHz 64KB (64K x 8) FLASH 80-MQFPDATA CONVERTERSA/D 8x12bCORE SIZE16-BitCORE PROCESSORCR16BCONNECTIVITYACESS.Bus (2-Wire/I²C, SMBus), CANbus, Microwire/Plus (SPI), UART/USART	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA CONVERTERS A/D 8x12b CORE SIZE 16-Bit CORE PROCESSOR CR16B CONNECTIVITY ACCESS.BUS (2-Wire/I²C, SMBus), CANbus, Microwire/Plus (SPI), UART/USART	EEPROM SIZE	-
CORE SIZE 16-Bit CORE PROCESSOR CR16B CONNECTIVITY ACCESS.Bus (2-Wire/I²C, SMBus), CANbus, Microwire/Plus (SPI), UART/USART	DETAILED DESCRIPTION	CR16B CompactRISC [™] Microcontroller IC 16-Bit 24MHz 64KB (64K x 8) FLASH 80-MQFP
CORE PROCESSOR CR16B CONNECTIVITY ACCESS.Bus (2-Wire/I²C, SMBus), CANbus, Microwire/Plus (SPI), UART/USART	DATA CONVERTERS	A/D 8x12b
CONNECTIVITY ACCESS.Bus (2-Wire/I ² C, SMBus), CANbus, Microwire/Plus (SPI), UART/USART	CORE SIZE	16-Bit
	CORE PROCESSOR	CR16B
BASE PART NUMBER CR16MAS9	CONNECTIVITY	ACCESS.Bus (2-Wire/I ² C, SMBus), CANbus, Microwire/Plus (SPI), UART/USART
	BASE PART NUMBER	CR16MAS9

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