

DEVICE LIST

12/12/2022 15: 3: 8

\*\*\*Device Support On Customers' Demands. Various types devices can be supported, including FLASH, MCU, CPLD etc.

Total Manufacturers: 66

Total Devices: 4426

<a href="#">ABOV</a>	<a href="#">ADESTO</a>	<a href="#">ADI</a>	<a href="#">ALTEK</a>
<a href="#">AMICCOM</a>	<a href="#">AOLIAN</a>	<a href="#">ATMEL</a>	<a href="#">ATMEL-CUSTOMER</a>
<a href="#">BEKEN</a>	<a href="#">CATALYST</a>	<a href="#">CONLOG</a>	<a href="#">CYPRESS</a>
<a href="#">DIEHL</a>	<a href="#">DIGADES</a>	<a href="#">EON</a>	<a href="#">EPSON</a>
<a href="#">FREESCALE</a>	<a href="#">FUJITSU</a>	<a href="#">GAINSPAN</a>	<a href="#">GIGADEVICE</a>
<a href="#">HINET</a>	<a href="#">HUAJIE</a>	<a href="#">HYC</a>	<a href="#">HYTERA</a>
<a href="#">INDIE</a>	<a href="#">INFINEON</a>	<a href="#">INTEL</a>	<a href="#">ISSI</a>
<a href="#">JABIL</a>	<a href="#">LATTICE</a>	<a href="#">MACRONIX</a>	<a href="#">MELEXIS</a>
<a href="#">MICROCHIP</a>	<a href="#">MICRON</a>	<a href="#">MICRON-CUSTOMER</a>	<a href="#">MIDEA</a>
<a href="#">MIDEA-T</a>	<a href="#">MINDMOTION</a>	<a href="#">MXIC</a>	<a href="#">NEC</a>
<a href="#">NORDIC</a>	<a href="#">NOVASTAR</a>	<a href="#">NUOKEL</a>	<a href="#">NUVOTON</a>
<a href="#">NXP</a>	<a href="#">QORVO</a>	<a href="#">R&amp;T</a>	<a href="#">RENESAS</a>
<a href="#">ROHM</a>	<a href="#">SAMSUNG</a>	<a href="#">SAMSUNG-CUSTOMER</a>	<a href="#">SEIKO</a>
<a href="#">SIGMA_DESIGNS</a>	<a href="#">SILAN</a>	<a href="#">SILICON</a>	<a href="#">SILICONLABS</a>
<a href="#">SINOWEALTH</a>	<a href="#">SPANSION</a>	<a href="#">ST</a>	<a href="#">TI</a>
<a href="#">TOSHIBA-CUSTOMER</a>	<a href="#">TPE</a>	<a href="#">TUOPU</a>	<a href="#">WINBOND</a>
<a href="#">XELTEK</a>	<a href="#">XILINX</a>		

**ABOV**

**MICROCONTROLLER**

MC96F6432AQ@ISP [FX-ISP1005], MC96F6432S@ISP [FX-ISP1005],  
MC81F4104B@ISP [FX-ISP1004],

**ADESTO**

**E(E)PROM/FRAM/NVRAM**

AT45DB321E(Gang16)@SOIC8,

**ADI**

**MICROCONTROLLER**

ADuCM350(serial)@ISP [FX-ISP1004], ADuCM350@ISP [FX-ISP1004],

**ALTEK**

**MICROCONTROLLER**

ADuCM350(serial)@ISP [FX-ISP1004], ADuCM350@ISP [FX-ISP1004],

**AMICCOM**

**MICROCONTROLLER**

A81X05F5001AQ5A@QFN40 [FX-ISP1004],

**AOLIAN**

**MICROCONTROLLER**

MC9S12G128@ISP [FX-ISP1004],

## ATMEL

### E(E)PROM/FRAM/NVRAM

AT24C256C@SOIC8 [FX-ISP1004], AT24C512C@SOIC8 [FX-ISP1004],  
AT24C64D-SSHM-B@SOP8 [FX-ISP1004],

### MICROCONTROLLER

ATMEGA168@ISP [FX-ISP1004], ATMEGA168A@ISP [FX-ISP1004],  
ATMEGA168P@ISP [FX-ISP1004], ATMEGA168PA@ISP [FX-ISP1004],  
ATMEGA168PV@ISP [FX-ISP1004], ATMEGA168V@ISP [FX-ISP1004],  
ATMEGA2560@ISP [FX-ISP1004], ATMEGA2564RFR2@ISP [FX-ISP1004],  
ATMEGA328@ISP [FX-ISP1004], ATMEGA328P@ISP [FX-ISP1004],  
ATMEGA328PV@ISP [FX-ISP1004], ATMEGA48@ISP [FX-ISP1004],  
ATMEGA48A@ISP [FX-ISP1004], ATMEGA48P@ISP [FX-ISP1004],  
ATMEGA48PA@ISP [FX-ISP1004], ATMEGA48PV@ISP [FX-ISP1004],  
ATMEGA48V@ISP [FX-ISP1004], ATMEGA88@ISP [FX-ISP1004],  
ATMEGA88A@ISP [FX-ISP1004], ATMEGA88P@ISP [FX-ISP1004],  
ATMEGA88PA@ISP [FX-ISP1004], ATMEGA88PV@ISP [FX-ISP1004],  
ATMEGA88V@ISP [FX-ISP1004], ATSAM21E16B [FX-ISP1004],  
ATSAMD21G16B [FX-ISP1004], ATSAM21G16B(NEW)@ISP [FX-ISP1004],  
ATSAMD21J17A [FX-ISP1004], ATSAMG55G19 [FX-ISP1004],  
ATSAMG55J19 [FX-ISP1004], ATSAMG55J19(NEW)@ISP [FX-ISP1004],  
ATTINY202@ISP [FX-ISP1004], ATTINY406(new)@ISP [FX-ISP1004],  
ATTINY406@ISP [FX-ISP1004], ATtiny44A@ISP [FX-ISP1004],  
ATTINY816(NEW)@ISP [FX-ISP1004], ATtiny84A@ISP [FX-ISP1004],  
ATTINY816@ISP [FX-ISP1004], ATtiny861A@ISP [FX-ISP1004],  
ATTINY861@ISP [FX-ISP1004], ATtiny861V@ISP [FX-ISP1004],  
ATtiny88@ISP [FX-ISP1004], ATxmega128B1@ISP [FX-ISP1004],  
ATxmega64B1@ISP [FX-ISP1004],

## ATMEL - CUSTOMER

### E(E)PROM/FRAM/NVRAM

AT24C512C@SOIC8 [FX-ISP1004],

## BEKEN

### MICROCONTROLLER

BK5933@ISP [FX-ISP1004],

## CATALYST

### E(E)PROM/FRAM/NVRAM

CAT24C256@SOP8 [FX-ISP1004],

## CONLOG

### MICROCONTROLLER

R5F10NMGDFB@ISP [FX-ISP1004], R5F10NMJDFB@ISP [FX-ISP1004],

## CYPRESS

### MICROCONTROLLER

CY8C4246@1@ISP [FX-ISP1004],  
CYT2B98BACQ0AZEGS@QFP176 [FX-ISP1005],

CYT2B98CACACES@QFP176 [FX-ISP1005], CY8C20000(ISSP) [FX-ISP1004],  
CY8C20134(ISSP) [FX-ISP1004], CY8C20224(ISSP) [FX-ISP1004],  
CY8C20234(ISSP) [FX-ISP1004], CY8C20236(ISSP) [FX-ISP1004],  
CY8C20324(ISSP) [FX-ISP1004], CY8C20334(ISSP) [FX-ISP1004],  
CY8C20424(ISSP) [FX-ISP1004], CY8C20434(ISSP) [FX-ISP1004],  
CY8C20524(ISSP) [FX-ISP1004], CY8C20534(ISSP) [FX-ISP1004],  
CY8C4014@ISP [FX-ISP1004],  
CY9BF122LPMC1(SWDTRIM)@LQFP64 [FX-ISP1004],  
CYT2B77CADES@ISP [FX-ISP1004],

## DIEHL

### E(E)PROM/FRAM/NVRAM

MX66L51235F@SOP16 [FX-ISP1004], MX66L51235FD@SOP16 [FX-ISP1004],  
GD5F1GQ4UBYIG(1X)@WSON8, GD5F1GQ4UBYIG@WSON8,

### MICROCONTROLLER

PIC18F55K42@TQFP48 [FX-ISP1005], PIC18F55K42@UQFN48 [FX-ISP1005],  
CY8C4025LQI-S411@ISP [FX-ISP1004], CY8C4126AXI-S455@ISP [FX-ISP1004],  
CY8C4147AZI-S453(SEC)@ISP [FX-ISP1004],  
CY8C4147AZI-S453@ISP [FX-ISP1004],  
MSP430F2370IRHA@40-PIN QFN [FX-ISP1005],  
R5F1007EGNA@ISP [FX-ISP1004], R5F1026AASP@ISP [FX-ISP1004],  
R5F104GGA@ISP [FX-ISP1004], R5F104GHA@ISP [FX-ISP1004],  
R5F104GJA@ISP [FX-ISP1004], R7F100GMG2DFA@ISP [FX-ISP1004],  
R7F100GMG2DFB@ISP [FX-ISP1004], R7F100GMJ2DFA@ISP [FX-ISP1004],  
R7F100GMJ2DFB@ISP [FX-ISP1004], STM32F030CC@ISP [FX-ISP1004],  
STM32G474VE@ISP [FX-ISP1004], STM32L476RC@ISP [FX-ISP1004],  
STM32L476RG@ISP [FX-ISP1004],

## DIGADES

### MICROCONTROLLER

FXTH87EH116@ISP [FX-ISP1004],

## EON

### E(E)PROM/FRAM/NVRAM

EN25QH64A@SOP8 [FX-ISP1004],

## EPSON

### MICROCONTROLLER

S1C17M31 [FX-ISP1005], S1C17M40 [FX-ISP1005],  
S1C17V18 [FX-ISP1005],

## FREESCALE

### MICROCONTROLLER

FXTH870X6@ISP [FX-ISP1004], FXTH87EH116@ISP [FX-ISP1004],  
MC9S08AC16@ISP [FX-ISP1004], MC9S08AC32@ISP [FX-ISP1004],  
MC9S08AC48@ISP [FX-ISP1004], MC9S08AC60@ISP [FX-ISP1004],  
MC9S08AC8@ISP [FX-ISP1004], MC9S08AW16@ISP [FX-ISP1004],  
MC9S08AW16A@ISP [FX-ISP1004], MC9S08AW32@ISP [FX-ISP1004],  
MC9S08AW48@ISP [FX-ISP1004], MC9S08AW60@ISP [FX-ISP1004],  
MC9S08AW8@ISP [FX-ISP1004], MC9S08AW8A@ISP [FX-ISP1004],  
MC9S08DN16@ISP [FX-ISP1004], MC9S08DN32@ISP [FX-ISP1004],  
MC9S08DN48@ISP [FX-ISP1004], MC9S08DN60@ISP [FX-ISP1004],  
MC9S08DZ16@ISP [FX-ISP1004], MC9S08DZ32@ISP [FX-ISP1004],  
MC9S08DZ48@ISP [FX-ISP1004], MC9S08DZ60@ISP [FX-ISP1004],  
MC9S08PA16@ISP [FX-ISP1004], MC9S08PA2@ISP [FX-ISP1004],

MC9S08PA32@ISP [FX-ISP1004],  
MC9S08PA60@ISP [FX-ISP1004],  
MC9S08PL16@ISP [FX-ISP1004],  
MC9S08PL32@ISP [FX-ISP1004],  
MC9S08PL60@ISP [FX-ISP1004],  
MC9S08PT16@ISP [FX-ISP1004],  
MC9S08PT60@ISP [FX-ISP1004],  
MC9S08QD2@ISP [FX-ISP1004],  
MC9S08RN16@ISP [FX-ISP1004],  
MC9S08RN60@ISP [FX-ISP1004],  
MC9S08RNA16@ISP [FX-ISP1004],  
MC9S08RNA60@ISP [FX-ISP1004],  
MC9S08SG16@ISP [FX-ISP1004],  
MC9S08SG8@ISP [FX-ISP1004],  
MC9S12G192@ISP [FX-ISP1004],  
MC9S12G48@ISP [FX-ISP1004],  
MC9S12G96@ISP [FX-ISP1004],  
MC9S12GA192@ISP [FX-ISP1004],  
MC9S12GA48@ISP [FX-ISP1004],  
MC9S12GA96@ISP [FX-ISP1004],  
MC9S12GN32@ISP [FX-ISP1004],  
MC9S12GNA16@ISP [FX-ISP1004],  
MC9S12P128@ISP [FX-ISP1004],  
MC9S12P64@ISP [FX-ISP1004],  
MC9S12VR48@ISP [FX-ISP1004],  
MCF51AC128A@ISP [FX-ISP1004],  
MCF51AC256A@ISP [FX-ISP1004],  
MKE02Z16@ISP [FX-ISP1004],  
MKE02Z64@ISP [FX-ISP1004],  
MKM34Z256CLL5@ISP [FX-ISP1004],  
S9KEAZ64ACLH@QFP64 [FX-ISP1005],  
S9KEAZN32@ISP [FX-ISP1004],  
S9KEAZN8@TSSOP16@ISP [FX-ISP1004],  
S9S12ZVL32@ISP [FX-ISP1004],  
S9S12ZVLS16@ISP [FX-ISP1004],  
MC9S08PA4@ISP [FX-ISP1004],  
MC9S08PA8@ISP [FX-ISP1004],  
MC9S08PL2@ISP [FX-ISP1004],  
MC9S08PL4@ISP [FX-ISP1004],  
MC9S08PL8@ISP [FX-ISP1004],  
MC9S08PT32@ISP [FX-ISP1004],  
MC9S08PT8@ISP [FX-ISP1004],  
MC9S08QD4@ISP [FX-ISP1004],  
MC9S08RN32@ISP [FX-ISP1004],  
MC9S08RN8@ISP [FX-ISP1004],  
MC9S08RNA32@ISP [FX-ISP1004],  
MC9S08RNA8@ISP [FX-ISP1004],  
MC9S08SG4@ISP [FX-ISP1004],  
MC9S12G128@ISP [FX-ISP1004],  
MC9S12G240@ISP [FX-ISP1004],  
MC9S12G64@ISP [FX-ISP1004],  
MC9S12GA128@ISP [FX-ISP1004],  
MC9S12GA240@ISP [FX-ISP1004],  
MC9S12GA64@ISP [FX-ISP1004],  
MC9S12GN16@ISP [FX-ISP1004],  
MC9S12GN48@ISP [FX-ISP1004],  
MC9S12GNA32@ISP [FX-ISP1004],  
MC9S12P32@ISP [FX-ISP1004],  
MC9S12P96@ISP [FX-ISP1004],  
MC9S12VR64@ISP [FX-ISP1004],  
MCF51AC128C@ISP [FX-ISP1004],  
MCF51AC256B@ISP [FX-ISP1004],  
MKE02Z32@ISP [FX-ISP1004],  
MKM34Z128CLL5@ISP [FX-ISP1004],  
MM912F634CV2AE@ISP [FX-ISP1005],  
S9KEAZN16@ISP [FX-ISP1004],  
S9KEAZN64@ISP [FX-ISP1004],  
S9S12ZVL16@ISP [FX-ISP1004],  
S9S12ZVL8@ISP [FX-ISP1004],  
S9S12ZVLS32@ISP [FX-ISP1004],

## FUJITSU

### MICROCONTROLLER

MB90F462(UART) [FX-ISP1004], MB91F482(UART) [FX-ISP1004],  
MB9AF141KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AF141KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AF141LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9AF141LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9AF141LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AF141MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AF141MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AF141MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9AF141NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AF141NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AF141NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AF142KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AF142KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AF142LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9AF142LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9AF142LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AF142MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AF142MPMC(SWD)@LQFP80 [FX-ISP1004],  
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MB9AF142NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AF142NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AF142NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AF144KPMC(SWD)@LQFP48 [FX-ISP1004],  
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MB9AF144MBGL(SWD)@BGA96 [FX-ISP1004],  
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MB9AF145KPMC(SWD)@LQFP48 [FX-ISP1004],  
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MB9AF145LPMC(SWD)@LQFP64 [FX-ISP1004],  
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MB9AF145LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AF145MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AF145MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AF145MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9AF145NBGL(SWD)@BGA112 [FX-ISP1004],  
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MB9AF145NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AF146KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AF146KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AF146LPMC(SWD)@LQFP64 [FX-ISP1004],  
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MB9AF146LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AF146MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AF146MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AF146MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9AF146NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AF146NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AF146NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AF341KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AF341KQN(SWD)@QFN48 [FX-ISP1004],  
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MB9AF342KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AF342LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9AF342LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9AF342LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AF342MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AF342MPMC(SWD)@LQFP80 [FX-ISP1004],  
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MB9AF342NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AF342NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AF342NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AF344KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AF344KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AF344LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9AF344LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9AF344LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AF344MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AF344MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AF344MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9AF344NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AF344NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AF344NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AF345KPMC(SWD)@LQFP48 [FX-ISP1004],  
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MB9AF346KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AF346KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AF346LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9AF346LPMC1(SWD)@LQFP64 [FX-ISP1004],  
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MB9AF346MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AF346MPMC(SWD)@LQFP80 [FX-ISP1004],  
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MB9AF346NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AF346NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AF346NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AFA41KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AFA41KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AFA41LPMC(SWD)@LQFP64 [FX-ISP1004],

MB9AFA41LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9AFA41LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AFA41MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AFA41MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AFA41MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9AFA41NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AFA41NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AFA41NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AFA42KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AFA42KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AFA42LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9AFA42LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9AFA42LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AFA42MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AFA42MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AFA42MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9AFA42NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AFA42NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AFA42NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AFA44KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AFA44KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AFA44LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9AFA44LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9AFA44LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AFA44MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AFA44MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AFA44MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9AFA44NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AFA44NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AFA44NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AFA45KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AFA45KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AFA45LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9AFA45LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9AFA45LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AFA45MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AFA45MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AFA45MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9AFA45NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AFA45NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AFA45NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AFA46KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AFA46KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AFA46LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9AFA46LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9AFA46LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AFA46MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AFA46MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AFA46MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9AFA46NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AFA46NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AFA46NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AFB41KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AFB41KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AFB41LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9AFB41LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9AFB41LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AFB41MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AFB41MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AFB41MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9AFB41NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AFB41NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AFB41NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AFB42KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AFB42KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AFB42LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9AFB42LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9AFB42LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AFB42MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AFB42MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AFB42MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9AFB42NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AFB42NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AFB42NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AFB44KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AFB44KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AFB44LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9AFB44LPMC1(SWD)@LQFP64 [FX-ISP1004],

MB9AFB44LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AFB44MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AFB44MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AFB44MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9AFB44NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AFB44NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AFB44NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AFB45KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AFB45KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AFB45LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9AFB45LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9AFB45LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AFB45MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AFB45MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AFB45MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9AFB45NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AFB45NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AFB45NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AFB46KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AFB46KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AFB46LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9AFB46LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9AFB46LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AFB46MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AFB46MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AFB46MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9AFB46NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AFB46NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AFB46NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9BF111KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9BF111KQN(SWD)@QFN48 [FX-ISP1004],  
MB9BF111LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9BF111LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9BF111LQN(SWD)@QFN64 [FX-ISP1004],  
MB9BF111MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9BF111MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF111MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9BF112KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9BF112KQN(SWD)@QFN48 [FX-ISP1004],  
MB9BF112LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9BF112LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9BF112LQN(SWD)@QFN64 [FX-ISP1004],  
MB9BF112MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9BF112MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF112MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9BF112NPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF114KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9BF114KQN(SWD)@QFN48 [FX-ISP1004],  
MB9BF114LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9BF114LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9BF114LQN(SWD)@QFN64 [FX-ISP1004],  
MB9BF114MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9BF114MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF114MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9BF115KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9BF115KQN(SWD)@QFN48 [FX-ISP1004],  
MB9BF115LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9BF115LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9BF115LQN(SWD)@QFN64 [FX-ISP1004],  
MB9BF115MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9BF115MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF115MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9BF116KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9BF116KQN(SWD)@QFN48 [FX-ISP1004],  
MB9BF116LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9BF116LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9BF116LQN(SWD)@QFN64 [FX-ISP1004],  
MB9BF116MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9BF116MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF116MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9BF121KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9BF121KQN(SWD)@QFN48 [FX-ISP1004],  
MB9BF121LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9BF121LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9BF121LQN(SWD)@QFN64 [FX-ISP1004],  
MB9BF121MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9BF121MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF121MPMC1(SWD)@LQFP80 [FX-ISP1004],





MB9BF521MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9BF521MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF521MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9BF522KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9BF522KQN(SWD)@QFN48 [FX-ISP1004],  
MB9BF522LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9BF522LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9BF522LQN(SWD)@QFN64 [FX-ISP1004],  
MB9BF522MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9BF522MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF522MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9BF524KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9BF524KQN(SWD)@QFN48 [FX-ISP1004],  
MB9BF524LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9BF524LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9BF524LQN(SWD)@QFN64 [FX-ISP1004],  
MB9BF524MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9BF524MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF524MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9BF525KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9BF525KQN(SWD)@QFN48 [FX-ISP1004],  
MB9BF525LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9BF525LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9BF525LQN(SWD)@QFN64 [FX-ISP1004],  
MB9BF525MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9BF525MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF525MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9BF526KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9BF526KQN(SWD)@QFN48 [FX-ISP1004],  
MB9BF526LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9BF526LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9BF526LQN(SWD)@QFN64 [FX-ISP1004],  
MB9BF526MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9BF526MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF526MPMC1(SWD)@LQFP80 [FX-ISP1004],

## **GAINSPAN**

### **MICROCONTROLLER**

GS2011MIE@PIN49 [FX9998-T001], GS2011MIPS@PIN37 [FX9997-T001],  
GS2100MIP@PIN40 [FX9999-T001],

## **GIGADEVICE**

### **E(E)PROM/FRAM/NVRAM**

GD25LQ05C@ISP [FX-ISP1004], GD25LQ10C@ISP [FX-ISP1004],  
GD25LQ20C@ISP [FX-ISP1004], GD25LQ40B@ISP [FX-ISP1004],  
GD25LQ40C@ISP [FX-ISP1004], GD25Q40B@ISP [FX-ISP1004],  
GD25Q64E@ISP [FX-ISP1004], GD25Q64E@SOP8 [FX-ISP1004],  
GD25VQ16C(SPEED)@SOIC8 [FX-ISP1004],  
GD25VQ16C@ISP [FX-ISP1004], GD25VQ80C@ISP [FX-ISP1004],

## **HINET**

### **MICROCONTROLLER**

SP40@SOIC8 [FX-ISP1004],

## **HUAJIE**

### **E(E)PROM/FRAM/NVRAM**

K24C04@SOIC8 [FX-ISP1004], K24C04@SOIC8(3.3V) [FX-ISP1004],

## **HYC**

## MICROCONTROLLER

XC2224L@ISP [FX-ISP1004],

## HYTERA

## MICROCONTROLLER

BQ26100DRPR@VSON6 [FX-ISP1005],

## INDIE

## MICROCONTROLLER

iND83204@QFN48,  
iND83209@QFN20,

iND83205@QFN20,

## INFINEON

## MICROCONTROLLER

IMM101T-046M@QFN12x12 [FX-ISP1005], IMM101T-056M@QFN12x12 [FX-ISP1005],  
IMM102T-015M@QFN12x12 [FX-ISP1005], IMM102T-046M@QFN12x12 [FX-ISP1005],  
IMM102T-056M@QFN12x12 [FX-ISP1005], IMC301A-F048@QFP48 [FX-ISP1005],  
IMC302A-F064@QFP64 [FX-ISP1005], IMM101T-015M@QFN12x12 [FX-ISP1005],  
SAF-XC822-1FRA@ISP [FX-ISP1004], SAF-XC822-1FRI@ISP [FX-ISP1004],  
SAF-XC822M-1FRA@ISP [FX-ISP1004], SAF-XC822M-1FRI@ISP [FX-ISP1004],  
SAF-XC822MT-1FRA@ISP [FX-ISP1004], SAF-XC822MT-1FRI@ISP [FX-ISP1004],  
SAF-XC822T-0FRA@ISP [FX-ISP1004], SAF-XC822T-0FRI@ISP [FX-ISP1004],  
SAF-XC822T-1FRA@ISP [FX-ISP1004], SAF-XC822T-1FRI@ISP [FX-ISP1004],  
SAF-XC824M-1FGA@ISP [FX-ISP1004], SAF-XC824M-1FGI@ISP [FX-ISP1004],  
SAF-XC824MT-1FGA@ISP [FX-ISP1004], SAF-XC824MT-1FGI@ISP [FX-ISP1004],  
SAF-XC835MT-2FRA@ISP [FX-ISP1004], SAF-XC835MT-2FRI@ISP [FX-ISP1004],  
SAF-XC836-2FRA@ISP [FX-ISP1004], SAF-XC836-2FRI@ISP [FX-ISP1004],  
SAF-XC836M-1FRA@ISP [FX-ISP1004], SAF-XC836M-1FRI@ISP [FX-ISP1004],  
SAF-XC836M-2FRA@ISP [FX-ISP1004], SAF-XC836M-2FRI@ISP [FX-ISP1004],  
SAF-XC836MT-2FRA@ISP [FX-ISP1004], SAF-XC836MT-2FRI@ISP [FX-ISP1004],  
SAF-XC836T-2FRA@ISP [FX-ISP1004], SAF-XC836T-2FRI@ISP [FX-ISP1004],  
SAK-XC824M-1FGA@ISP [FX-ISP1004], SAK-XC824M-1FGI@ISP [FX-ISP1004],  
SAX-XC824M-1FGA@ISP [FX-ISP1004], SAX-XC824M-1FGI@ISP [FX-ISP1004],  
SP40@SOIC8 [FX-ISP1004], TLE9842-2QX@QFN48 [IS416VLT],  
TLE9842-QX@QFN48 [IS416VLT], TLE9844-2QX@QFN48 [IS416VLT],  
TLE9867@QFN48 [IS416\_VLT], XC2224-20F66L [FX-ISP1005],  
XMC1302-T038X0064(AB)@TSSOP38, IMC300@QFP100 [FX-ISP1005],

## INTEL

## E(E)PROM/FRAM/NVRAM

PC28F00AP30TF(new)@FBGA64 [FX-ISP1004],  
PC28F00AP30TF@FBGA64 [FX-ISP1004],

## ISSI

## E(E)PROM/FRAM/NVRAM

IS25LP032D@ISP [FX-ISP1004], IS25LP128@SOIC8,  
IS25LQ040B@ISP [FX-ISP1004], IS25WP032D@ISP [FX-ISP1004],  
IS25WP040D@ISP [FX-ISP1004], IS25WP080D@ISP [FX-ISP1004],

## JABIL

## MICROCONTROLLER

MB9BF112NPMC(4 Model)@LQFP80 [FX-ISP1004],  
MB9BF112NPMC@LQFP80 [FX-ISP1004],

## LATTICE

### PLD

LCMX02-1200UHC [FX-ISP1005],  
LCMX0256C-3MN100C@csBGA100 [FX-ISP1004],

## MACRONIX

### E(E)PROM/FRAM/NVRAM

KH25U4033E@ISP [FX-ISP1004],  
MX25L12835F@ISP [FX-ISP1004],  
MX25L8035E@ISP [FX-ISP1004],  
MX25R2035F@ISP [FX-ISP1004],  
MX25R8035F@ISP [FX-ISP1004],  
MX25U1635E@ISP [FX-ISP1004],  
MX25U2032E@ISP [FX-ISP1004],  
MX25U4032E@ISP [FX-ISP1004],  
MX25U4035@ISP [FX-ISP1004],  
MX25U8032E@ISP [FX-ISP1004],  
MX25U8035E@ISP [FX-ISP1004],  
MX25V1635F@ISP [FX-ISP1004],  
MX66L51235F@TFBGA24 [FX-ISP1004],  
MX66U51235F@SOP16 [FX-ISP1004],  
MX66U51235F@WSON8 [FX-ISP1004],  
MX25L12835E@ISP [FX-ISP1004],  
MX25L12850FM2I@SOIC8 [FX-ISP1004],  
MX25L8036E@ISP [FX-ISP1004],  
MX25R4035F@ISP [FX-ISP1004],  
MX25U1631F@ISP [FX-ISP1004],  
MX25U1635F@ISP [FX-ISP1004],  
MX25U2033E@ISP [FX-ISP1004],  
MX25U4033E@ISP [FX-ISP1004],  
MX25U4035E@ISP [FX-ISP1004],  
MX25U8035@ISP [FX-ISP1004],  
MX25V16066M1I02@ISP [FX-ISP1004],  
MX66L51235F@SOP16 [FX-ISP1004],  
MX66L51235F@WSON8 [FX-ISP1004],  
MX66U51235F@TFBGA24 [FX-ISP1004],

## MELEXIS

### MICROCONTROLLER

MLX90411LLD-AAA-048@UTDFN6 [FX-ISP1004],

## MICROCHIP

### MICROCONTROLLER

PIC18F55K42@TQFP48 [FX-ISP1005],  
HA2089@ISP [FX-ISP1004],  
PIC10F204 [FX-ISP1004],  
PIC10F320(32-WORD) [FX-ISP1004],  
PIC10F322(32-WORD) [FX-ISP1004],  
PIC10LF320(32-WORD) [FX-ISP1004],  
PIC10LF322(32-WORD) [FX-ISP1004],  
PIC12F1822(8-WORD)@DIP8 [FX-ISP1004],  
PIC12F1822@DIP8 [FX-ISP1004],  
PIC12F1840(8-WORD) [FX-ISP1004],  
PIC12F635(4-WORD)@ISP [FX-ISP1004],  
PIC12F675@ISP [FX-ISP1004],  
PIC12F683@ISP [FX-ISP1004],  
PIC12LF1822(8-WORD)@DIP8 [FX-ISP1004],  
PIC12LF1822@DIP8 [FX-ISP1004],  
PIC12LF1840(8-WORD) [FX-ISP1004],  
PIC16F1507 [FX-ISP1004],  
PIC16F1509 [FX-ISP1004],  
PIC16F1823(8-WORD)@DIP14 [FX-ISP1004],  
PIC16F1823@DIP14 [FX-ISP1004],  
PIC16F1824(8-WORD)@DIP14 [FX-ISP1004],  
PIC16F1824@DIP14 [FX-ISP1004],  
PIC16F1825(8-WORD)@DIP14 [FX-ISP1004],  
PIC16F1825@DIP14 [FX-ISP1004],  
PIC16F1826(8-WORD)@DIP18 [FX-ISP1004],  
PIC16F1826@DIP18 [FX-ISP1004],  
PIC16F1827(8-WORD)@DIP18 [FX-ISP1004],  
PIC16F1827@DIP18 [FX-ISP1004],  
PIC16F1828(8-WORD)@DIP20 [FX-ISP1004],  
PIC18F55K42@UQFN48 [FX-ISP1005],  
PIC10F200 [FX-ISP1004],  
PIC10F320 [FX-ISP1004],  
PIC10F322 [FX-ISP1004],  
PIC10LF320 [FX-ISP1004],  
PIC10LF322 [FX-ISP1004],  
PIC12F1501 [FX-ISP1004],  
PIC12F1840 [FX-ISP1004],  
PIC12F629@ISP [FX-ISP1004],  
PIC12F635@ISP [FX-ISP1004],  
PIC12F683(4-WORD)@ISP [FX-ISP1004],  
PIC12LF1501 [FX-ISP1004],  
PIC12LF1840 [FX-ISP1004],  
PIC16F1503 [FX-ISP1004],  
PIC16F1508 [FX-ISP1004],

PIC16F1828@DIP20 [FX-ISP1004],  
PIC16F1829(8-WORD)@DIP20 [FX-ISP1004],  
PIC16F1829@DIP20 [FX-ISP1004], PIC16F1847 [FX-ISP1004],  
PIC16F1847(8-WORD) [FX-ISP1004],  
PIC16F1933(8-WORD)@DIP28 [FX-ISP1005],  
PIC16F1933@DIP28 [FX-ISP1005],  
PIC16F1934(8-WORD)@DIP40 [FX-ISP1005],  
PIC16F1934@DIP40 [FX-ISP1005],  
PIC16F1936(8-WORD)@DIP28 [FX-ISP1005],  
PIC16F1936@DIP28 [FX-ISP1005],  
PIC16F1937(8-WORD)@DIP40 [FX-ISP1005],  
PIC16F1937@DIP40 [FX-ISP1005],  
PIC16F1938(8-WORD)@DIP28 [FX-ISP1005],  
PIC16F1938@DIP28 [FX-ISP1005],  
PIC16F1939(8-WORD)@DIP40 [FX-ISP1005],  
PIC16F1939@DIP40 [FX-ISP1005], PIC16F627@ISP [FX-ISP1004],  
PIC16F627A@ISP [FX-ISP1004], PIC16F628@ISP [FX-ISP1004],  
PIC16F628A@ISP [FX-ISP1004], PIC16F630@ISP [FX-ISP1004],  
PIC16F636(4-WORD)@ISP [FX-ISP1004], PIC16F636@ISP [FX-ISP1004],  
PIC16F648A@ISP [FX-ISP1004], PIC16F676@ISP [FX-ISP1004],  
PIC16F684(4-WORD)@ISP [FX-ISP1004], PIC16F684@ISP [FX-ISP1004],  
PIC16F688(4-WORD)@ISP [FX-ISP1004], PIC16F688@ISP [FX-ISP1004],  
PIC16F722 [FX-ISP1004], PIC16F722(8-WORD) [FX-ISP1004],  
PIC16F722A [FX-ISP1004], PIC16F722A(8-WORD) [FX-ISP1004],  
PIC16F723 [FX-ISP1004], PIC16F723(8-WORD) [FX-ISP1004],  
PIC16F723A [FX-ISP1004], PIC16F723A(8-WORD) [FX-ISP1004],  
PIC16F724 [FX-ISP1004], PIC16F724(8-WORD) [FX-ISP1004],  
PIC16F726 [FX-ISP1004], PIC16F726(8-WORD) [FX-ISP1004],  
PIC16F727 [FX-ISP1004], PIC16F727(8-WORD) [FX-ISP1004],  
PIC16F870@(HV ICSP) [FX-ISP1005], PIC16F870@(LV ICSP) [FX-ISP1005],  
PIC16F871@(HV ICSP) [FX-ISP1005], PIC16F871@(LV ICSP) [FX-ISP1005],  
PIC16F872@(HV ICSP) [FX-ISP1005], PIC16F872@(LV ICSP) [FX-ISP1005],  
PIC16F873@(HV ICSP) [FX-ISP1005], PIC16F873@(LV ICSP) [FX-ISP1005],  
PIC16F874@(HV ICSP) [FX-ISP1005], PIC16F874@(LV ICSP) [FX-ISP1005],  
PIC16F876@(HV ICSP) [FX-ISP1005], PIC16F876@(LV ICSP) [FX-ISP1005],  
PIC16F877@(HV ICSP) [FX-ISP1005], PIC16F877@(LV ICSP) [FX-ISP1005],  
PIC16F913 [FX-ISP1005], PIC16F914 [FX-ISP1005],  
PIC16F916 [FX-ISP1005], PIC16F917 [FX-ISP1005],  
PIC16LF1503 [FX-ISP1004], PIC16LF1507 [FX-ISP1004],  
PIC16LF1508 [FX-ISP1004], PIC16LF1509 [FX-ISP1004],  
PIC16LF1823(8-WORD)@DIP14 [FX-ISP1004],  
PIC16LF1823@DIP14 [FX-ISP1004],  
PIC16LF1824(8-WORD)@DIP14 [FX-ISP1004],  
PIC16LF1824@DIP14 [FX-ISP1004],  
PIC16LF1825(8-WORD)@DIP14 [FX-ISP1004],  
PIC16LF1825@DIP14 [FX-ISP1004],  
PIC16LF1826(8-WORD)@DIP18 [FX-ISP1004],  
PIC16LF1826@DIP18 [FX-ISP1004],  
PIC16LF1827(8-WORD)@DIP18 [FX-ISP1004],  
PIC16LF1827@DIP18 [FX-ISP1004],  
PIC16LF1828(8-WORD)@DIP20 [FX-ISP1004],  
PIC16LF1828@DIP20 [FX-ISP1004],  
PIC16LF1829(8-WORD)@DIP20 [FX-ISP1004],  
PIC16LF1829@DIP20 [FX-ISP1004], PIC16LF1847 [FX-ISP1004],  
PIC16LF1847(8-WORD) [FX-ISP1004],  
PIC16LF1933(8-WORD)@DIP28 [FX-ISP1005],  
PIC16LF1933@DIP28 [FX-ISP1005],  
PIC16LF1934(8-WORD)@DIP40 [FX-ISP1005],  
PIC16LF1934@DIP40 [FX-ISP1005],  
PIC16LF1936(8-WORD)@DIP28 [FX-ISP1005],  
PIC16LF1936@DIP28 [FX-ISP1005],  
PIC16LF1937(8-WORD)@DIP40 [FX-ISP1005],  
PIC16LF1937@DIP40 [FX-ISP1005],  
PIC16LF1938(8-WORD)@DIP28 [FX-ISP1005],  
PIC16LF1938@DIP28 [FX-ISP1005],  
PIC16LF1939(8-WORD)@DIP40 [FX-ISP1005],  
PIC16LF1939@DIP40 [FX-ISP1005], PIC16LF627@ISP [FX-ISP1004],  
PIC16LF627A@ISP [FX-ISP1004], PIC16LF628@ISP [FX-ISP1004],  
PIC16LF628A@ISP [FX-ISP1004], PIC16LF648A@ISP [FX-ISP1004],  
PIC16LF722 [FX-ISP1004], PIC16LF722(8-WORD) [FX-ISP1004],  
PIC16LF722A [FX-ISP1004], PIC16LF722A(8-WORD) [FX-ISP1004],  
PIC16LF723 [FX-ISP1004], PIC16LF723(8-WORD) [FX-ISP1004],  
PIC16LF723A [FX-ISP1004], PIC16LF723A(8-WORD) [FX-ISP1004],  
PIC16LF724 [FX-ISP1004], PIC16LF724(8-WORD) [FX-ISP1004],  
PIC16LF726 [FX-ISP1004], PIC16LF726(8-WORD) [FX-ISP1004],  
PIC16LF727 [FX-ISP1004], PIC16LF727(8-WORD) [FX-ISP1004],  
PIC16LF870@(HV ICSP) [FX-ISP1005], PIC16LF870@(LV ICSP) [FX-ISP1005],  
PIC16LF871@(HV ICSP) [FX-ISP1005], PIC16LF871@(LV ICSP) [FX-ISP1005],

PIC16LF872@(HV ICSP) [FX-ISP1005], PIC16LF872@(LV ICSP) [FX-ISP1004],  
PIC16LF873@(HV ICSP) [FX-ISP1005], PIC16LF873@(LV ICSP) [FX-ISP1005],  
PIC16LF874@(HV ICSP) [FX-ISP1005], PIC16LF874@(LV ICSP) [FX-ISP1005],  
PIC16LF876@(HV ICSP) [FX-ISP1005], PIC16LF876@(LV ICSP) [FX-ISP1005],  
PIC16LF877@(HV ICSP) [FX-ISP1005], PIC16LF877@(LV ICSP) [FX-ISP1005],  
PIC16LF913 [FX-ISP1005], PIC16LF914 [FX-ISP1005],  
PIC16LF916 [FX-ISP1005], PIC16LF917 [FX-ISP1005],  
PIC18F2221 [FX-ISP1005], PIC18F2321 [FX-ISP1005],  
PIC18F23K20@(HV ICSP) [FX-ISP1005], PIC18F23K22 [FX-ISP1004],  
PIC18F2410 [FX-ISP1005], PIC18F2450 [FX-ISP1005],  
PIC18F24J10 [FX-ISP1004], PIC18F24J11 [FX-ISP1004],  
PIC18F24J50 [FX-ISP1004], PIC18F24K20@(HV ICSP) [FX-ISP1005],  
PIC18F24K22 [FX-ISP1004], PIC18F2515 [FX-ISP1005],  
PIC18F2525 [FX-ISP1005], PIC18F25J10 [FX-ISP1004],  
PIC18F25J11 [FX-ISP1004], PIC18F25J50 [FX-ISP1004],  
PIC18F25K20@(HV ICSP) [FX-ISP1005], PIC18F25K22 [FX-ISP1004],  
PIC18F2610 [FX-ISP1005], PIC18F2620 [FX-ISP1005],  
PIC18F26J11 [FX-ISP1004], PIC18F26J50 [FX-ISP1004],  
PIC18F26K20@(HV ICSP) [FX-ISP1005], PIC18F26K22 [FX-ISP1004],  
PIC18F4221 [FX-ISP1005], PIC18F4321 [FX-ISP1005],  
PIC18F43K20@(HV ICSP) [FX-ISP1005], PIC18F43K22 [FX-ISP1004],  
PIC18F4410 [FX-ISP1005], PIC18F4420 [FX-ISP1005],  
PIC18F4450 [FX-ISP1005], PIC18F44J10 [FX-ISP1004],  
PIC18F44J11 [FX-ISP1004], PIC18F44J50 [FX-ISP1004],  
PIC18F44K20@(HV ICSP) [FX-ISP1005], PIC18F44K22 [FX-ISP1004],  
PIC18F4515 [FX-ISP1005], PIC18F4525 [FX-ISP1005],  
PIC18F45J10 [FX-ISP1004], PIC18F45J11 [FX-ISP1004],  
PIC18F45J50 [FX-ISP1004], PIC18F45K20@(HV ICSP) [FX-ISP1005],  
PIC18F45K22 [FX-ISP1004], PIC18F4610 [FX-ISP1005],  
PIC18F4620 [FX-ISP1005], PIC18F46J11 [FX-ISP1004],  
PIC18F46J50 [FX-ISP1004], PIC18F46K20@(HV ICSP) [FX-ISP1005],  
PIC18F46K22 [FX-ISP1004], PIC18F6310 [FX-ISP1005],  
PIC18F6390 [FX-ISP1005], PIC18F6393 [FX-ISP1005],  
PIC18F6410 [FX-ISP1005], PIC18F6490 [FX-ISP1005],  
PIC18F6493 [FX-ISP1005], PIC18F65K22 [FX-ISP1005],  
PIC18F66K90 [FX-ISP1005], PIC18F66K22 [FX-ISP1005],  
PIC18F67K90 [FX-ISP1005], PIC18F67K22 [FX-ISP1005],  
PIC18F8390 [FX-ISP1005], PIC18F8310 [FX-ISP1005],  
PIC18F8393 [FX-ISP1005], PIC18F8393 [FX-ISP1005],  
PIC18F8410 [FX-ISP1005], PIC18F8490 [FX-ISP1005],  
PIC18F8493 [FX-ISP1005], PIC18F85K22 [FX-ISP1005],  
PIC18F85K90 [FX-ISP1005], PIC18F86K22 [FX-ISP1005],  
PIC18F86K90 [FX-ISP1005], PIC18F87K22 [FX-ISP1005],  
PIC18F87K90 [FX-ISP1005], PIC18LF2221 [FX-ISP1005],  
PIC18LF2321 [FX-ISP1005], PIC18LF23K22 [FX-ISP1004],  
PIC18LF2410 [FX-ISP1005], PIC18LF2450 [FX-ISP1005],  
PIC18LF24J10 [FX-ISP1004], PIC18LF24J50 [FX-ISP1004],  
PIC18LF24K22 [FX-ISP1004], PIC18LF2515 [FX-ISP1005],  
PIC18LF25J10 [FX-ISP1004], PIC18LF25J11 [FX-ISP1004],  
PIC18LF25J50 [FX-ISP1004], PIC18LF25K22 [FX-ISP1004],  
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PIC18LF26J11 [FX-ISP1004], PIC18LF26J50 [FX-ISP1004],  
PIC18LF26K22 [FX-ISP1004], PIC18LF4221 [FX-ISP1005],  
PIC18LF4321 [FX-ISP1005], PIC18LF43K22 [FX-ISP1004],  
PIC18LF4410 [FX-ISP1005], PIC18LF4420 [FX-ISP1005],  
PIC18LF4450 [FX-ISP1005], PIC18LF44J10 [FX-ISP1004],  
PIC18LF44J11 [FX-ISP1004], PIC18LF44J50 [FX-ISP1004],  
PIC18LF44K22 [FX-ISP1004], PIC18LF4515 [FX-ISP1005],  
PIC18LF4525 [FX-ISP1005], PIC18LF45J10 [FX-ISP1004],  
PIC18LF45J11 [FX-ISP1004], PIC18LF45J50 [FX-ISP1004],  
PIC18LF45K22 [FX-ISP1004], PIC18LF4610 [FX-ISP1005],  
PIC18LF4620 [FX-ISP1005], PIC18LF46J11 [FX-ISP1004],  
PIC18LF46J50 [FX-ISP1004], PIC18LF46K22 [FX-ISP1004],  
PIC18LF6310 [FX-ISP1005], PIC18LF6390 [FX-ISP1005],  
PIC18LF6393 [FX-ISP1005], PIC18LF6410 [FX-ISP1005],  
PIC18LF6490 [FX-ISP1005], PIC18LF6493 [FX-ISP1005],  
PIC18LF8310 [FX-ISP1005], PIC18LF8390 [FX-ISP1005],  
PIC18LF8393 [FX-ISP1005], PIC18LF8410 [FX-ISP1005],  
PIC18LF8490 [FX-ISP1005], PIC18LF8493 [FX-ISP1005],

## MICRON

### E(E)PROM/FRAM/NVRAM

MT25QL01G8BB8E12@TFBGA24, N25Q128A13ESE40E@SOIC8,  
MT29FG16ABACAWP(JS\_TB)@TSOP48 [FX-ISP1004],

MT29F2G08ABAEAH4@FBGA63 [FX-ISP1004],

## MICRON-CUSTOMER

### E(E)PROM/FRAM/NVRAM

MTFC4GACAJCN(HIRAIN)@BGA153 [FX-ISP1004],  
MTFC4GMWDM(HIRAIN)@BGA153 [FX-ISP1004],  
THGBMHG6C1LBAAL(HIRAIN)@BGA153 [FX-ISP1004],

## MIDEA

### E(E)PROM/FRAM/NVRAM

24LC16@SOIC8 [FX-ISP1004],  
AT24C02@SOIC8 [FX-ISP1004],  
AT24C04@SOIC8 [FX-ISP1004],  
AT24C08@SOIC8 [FX-ISP1004],  
BR24G08@SOIC8 [FX-ISP1004],  
M24C04@SOIC8 [FX-ISP1004],  
M24C08@SOIC8 [FX-ISP1004],  
M24C16@SOIC8 [FX-ISP1004],  
24LC16@SOIC8(3.3V) [FX-ISP1004],  
AT24C02@SOIC8(3.3V) [FX-ISP1004],  
AT24C04@SOIC8(3.3V) [FX-ISP1004],  
AT24C08@SOIC8(3.3V) [FX-ISP1004],  
BR24G08@SOIC8(3.3V) [FX-ISP1004],  
M24C04@SOIC8(3.3V) [FX-ISP1004],  
M24C08@SOIC8(3.3V) [FX-ISP1004],  
M24C16@SOIC8(3.3V) [FX-ISP1004],

### MICROCONTROLLER

MB95F636KPMC@ISP [FX-ISP1004],  
uPD79F8513AGA(UART)@ISP [FX-ISP1005],

## MIDEA-T

### E(E)PROM/FRAM/NVRAM

AT24C02@SOIC8 [FX-ISP1004],  
AT24C04@SOIC8 [FX-ISP1004],  
AT24C08@SOIC8 [FX-ISP1004],  
AT24C16@SOIC8 [FX-ISP1004],  
M24C08@SOIC8 [FX-ISP1004],  
AT24C02@SOIC8(3.3V) [FX-ISP1004],  
AT24C04@SOIC8(3.3V) [FX-ISP1004],  
AT24C08@SOIC8(3.3V) [FX-ISP1004],  
AT24C16@SOIC8(3.3V) [FX-ISP1004],  
M24C08@SOIC8(3.3V) [FX-ISP1004],

## MINDMOTION

### MICROCONTROLLER

MM32F0131C3N@ISP [FX-ISP1004],

## MXIC

### E(E)PROM/FRAM/NVRAM

MX25L1606E@SOIC8 [FX-ISP1004],  
MX25V1635F(SPEED)@SOIC8 [FX-ISP1004],  
MX25V1635F@SOIC8 [FX-ISP1004],  
MX25L512@SOIC8 [FX-ISP1004],

## NEC

### MICROCONTROLLER

uPD78F0500AFC(CSI)@ISP [FX-ISP1004],  
uPD78F0500AFC(UART)@ISP [FX-ISP1005],  
uPD78F0500AMC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0500AMC(A)(UART)@ISP [FX-ISP1005],  
uPD78F0500AMC(CSI)@ISP [FX-ISP1004],  
uPD78F0500AMC(UART)@ISP [FX-ISP1005],  
uPD78F0500FC(CSI)@ISP [FX-ISP1004], uPD78F0500FC(UART)@ISP [FX-ISP1005],  
uPD78F0500MC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0500MC(A)(UART)@ISP [FX-ISP1005],



















uPD78F0545GC(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0545GC(A2)(UART)@ISP [FX-ISP1005],  
uPD78F0545GC(CSI)@ISP [FX-ISP1004], uPD78F0545GC(UART)@ISP [FX-ISP1005],  
uPD78F0545GK(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0545GK(A)(UART)@ISP [FX-ISP1005],  
uPD78F0545GK(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0545GK(A2)(UART)@ISP [FX-ISP1005],  
uPD78F0545GK(CSI)@ISP [FX-ISP1004], uPD78F0545GK(UART)@ISP [FX-ISP1005],  
uPD78F0546AGK(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0546AGK(A)(UART)@ISP [FX-ISP1005],  
uPD78F0546AGK(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0546AGK(A2)(UART)@ISP [FX-ISP1005],  
uPD78F0546AGK(CSI)@ISP [FX-ISP1004],  
uPD78F0546AGK(UART)@ISP [FX-ISP1005],  
uPD78F0546GK(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0546GK(A)(UART)@ISP [FX-ISP1005],  
uPD78F0546GK(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0546GK(A2)(UART)@ISP [FX-ISP1005],  
uPD78F0546GK(CSI)@ISP [FX-ISP1004], uPD78F0546GK(UART)@ISP [FX-ISP1005],  
uPD78F0547ADGC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0547ADGC(A)(UART)@ISP [FX-ISP1005],  
uPD78F0547ADGC(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0547ADGC(A2)(UART)@ISP [FX-ISP1005],  
uPD78F0547ADGC(CSI)@ISP [FX-ISP1004],  
uPD78F0547ADGC(UART)@ISP [FX-ISP1005],  
uPD78F0547ADGK(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0547ADGK(A)(UART)@ISP [FX-ISP1005],  
uPD78F0547ADGK(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0547ADGK(A2)(UART)@ISP [FX-ISP1005],  
uPD78F0547ADGK(CSI)@ISP [FX-ISP1004],  
uPD78F0547ADGK(UART)@ISP [FX-ISP1005],  
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uPD78F0547AGC(A)(UART)@ISP [FX-ISP1005],  
uPD78F0547AGC(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0547AGC(A2)(UART)@ISP [FX-ISP1005],  
uPD78F0547AGC(CSI)@ISP [FX-ISP1004],  
uPD78F0547AGC(UART)@ISP [FX-ISP1005],  
uPD78F0547AGK(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0547AGK(A)(UART)@ISP [FX-ISP1005],  
uPD78F0547AGK(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0547AGK(A2)(UART)@ISP [FX-ISP1005],  
uPD78F0547AGK(CSI)@ISP [FX-ISP1004],  
uPD78F0547AGK(UART)@ISP [FX-ISP1005],  
uPD78F0547DGC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0547DGC(A)(UART)@ISP [FX-ISP1005],  
uPD78F0547DGC(A2)(CSI)@ISP [FX-ISP1004],  
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uPD78F0547DGC(CSI)@ISP [FX-ISP1004],  
uPD78F0547DGC(UART)@ISP [FX-ISP1005],  
uPD78F0547DGK(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0547DGK(A)(UART)@ISP [FX-ISP1005],  
uPD78F0547DGK(A2)(CSI)@ISP [FX-ISP1004],  
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uPD78F0547DGK(UART)@ISP [FX-ISP1005],  
uPD78F0547GC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0547GC(A)(UART)@ISP [FX-ISP1005],  
uPD78F0547GC(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0547GC(A2)(UART)@ISP [FX-ISP1005],  
uPD78F0547GC(CSI)@ISP [FX-ISP1004], uPD78F0547GC(UART)@ISP [FX-ISP1005],  
uPD78F0547GK(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0547GK(A)(UART)@ISP [FX-ISP1005],  
uPD78F0547GK(A2)(CSI)@ISP [FX-ISP1004],  
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uPD79F8500FC(UART)@ISP [FX-ISP1005],  
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uPD79F8500MC(UART)@ISP [FX-ISP1005],  
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uPD79F8501MC(A)(UART)@ISP [FX-ISP1005],  
uPD79F8501MC(UART)@ISP [FX-ISP1005],  
uPD79F8502AFC(UART)@ISP [FX-ISP1005],







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uPD79F8533DGK(A2)(UART)@ISP [FX-ISP1005],  
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uPD79F8534AGK(A)(UART)@ISP [FX-ISP1005],  
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uPD79F8534GB(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8534GB(UART)@ISP [FX-ISP1005],  
uPD79F8534GC(A)(UART)@ISP [FX-ISP1005],



uPD79F8544AGC(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8544AGC(UART)@ISP [FX-ISP1005],  
uPD79F8544AGK(A)(UART)@ISP [FX-ISP1005],  
uPD79F8544AGK(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8544AGK(UART)@ISP [FX-ISP1005],  
uPD79F8544GC(A)(UART)@ISP [FX-ISP1005],  
uPD79F8544GC(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8544GC(UART)@ISP [FX-ISP1005],  
uPD79F8544GK(A)(UART)@ISP [FX-ISP1005],  
uPD79F8544GK(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8544GK(UART)@ISP [FX-ISP1005],  
uPD79F8545AGC(A)(UART)@ISP [FX-ISP1005],  
uPD79F8545AGC(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8545AGC(UART)@ISP [FX-ISP1005],  
uPD79F8545AGK(A)(UART)@ISP [FX-ISP1005],  
uPD79F8545AGK(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8545AGK(UART)@ISP [FX-ISP1005],  
uPD79F8545GC(A)(UART)@ISP [FX-ISP1005],  
uPD79F8545GC(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8545GC(UART)@ISP [FX-ISP1005],  
uPD79F8545GK(A)(UART)@ISP [FX-ISP1005],  
uPD79F8545GK(A2)(UART)@ISP [FX-ISP1005],  
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uPD79F8546AGK(A)(UART)@ISP [FX-ISP1005],  
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uPD79F8547GK(UART)@ISP [FX-ISP1005],

## **NORDIC**

### **MICROCONTROLLER**

nRF51822-CDAB@WLCSP48 [FX-ISP1004], nRF51822-CEAA@WLCSP48 [FX-ISP1004],  
nRF51822-CFAC@WLCSP48 [FX-ISP1004], nRF51822-QFAA@QFN48 [FX-ISP1004],  
nRF51822-QFAB@QFN48 [FX-ISP1004], nRF51822-QFAC@QFN48 [FX-ISP1004],  
nRF52832-QFAA@QFN48 [FX-ISP1004],  
nRF52840-CKAA-R7@WLCSP93 [FX-ISP1004],  
nRF52840-QIAABB@AQFN73 [FX-ISP1004],  
nRF52840-QIAACA@AQFN73 [FX-ISP1004],  
nRF52840-QIAAD0@AQFN73 [FX-ISP1004],  
nRF52840-QIAAF0@AQFN73 [FX-ISP1004],

## **NOVASTAR**

### **E(E)PROM/FRAM/NVRAM**

GD25Q64E@SOP8 [FX-ISP1004],

## NUOKEL

### MICROCONTROLLER

CY8C4147LQS-S283@ISP [FX-ISP1004],

## NUVOTON

### MICROCONTROLLER

MINI51ZDE(ICP)@QFN33 [FX-ISP1004], N76E003(ICP)@TSSOP20 [FX-ISP1004],

## NXP

### MICROCONTROLLER

FS32K142HFT0MLHR@ISP [FX-ISP1004], FS32K144HAT0VLHR@ISP [FX-ISP1004],  
LPC1517@ISP [FX-ISP1004],

## QORVO

### MICROCONTROLLER

PAC5222@ISP [FX-ISP1004],

## R&T

### MICROCONTROLLER

R5F100FEAFP@ISP [FX-ISP1004], R5F100LEAFP@ISP [FX-ISP1004],  
R5F1026AASP@ISP [FX-ISP1004], R7F0C80512ESP@ISP [FX-ISP1004],  
R7F0C907B2DFP@ISP [FX-ISP1004],

## RENESAS

### MICROCONTROLLER

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R5F10WMAFB@ISP [FX-ISP1004], R5F10Y16ASP@ISP [FX-ISP1004],  
R5F10Y17ASP@ISP [FX-ISP1004], R5F2106@QFP64 [FX-ISP1004],  
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uPD79F8544GC(A)(UART)@ISP [FX-ISP1005],  
uPD79F8544GC(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8544GC(UART)@ISP [FX-ISP1005],  
uPD79F8544GK(A)(UART)@ISP [FX-ISP1005],  
uPD79F8544GK(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8544GK(UART)@ISP [FX-ISP1005],  
uPD79F8545AGC(A)(UART)@ISP [FX-ISP1005],  
uPD79F8545AGC(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8545AGC(UART)@ISP [FX-ISP1005],  
uPD79F8545AGK(A)(UART)@ISP [FX-ISP1005],  
uPD79F8545AGK(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8545AGK(UART)@ISP [FX-ISP1005],  
uPD79F8545GC(A)(UART)@ISP [FX-ISP1005],

uPD79F8545GC(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8545GC(UART)@ISP [FX-ISP1005],  
uPD79F8545GK(A)(UART)@ISP [FX-ISP1005],  
uPD79F8545GK(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8545GK(UART)@ISP [FX-ISP1005],  
uPD79F8546AGK(A)(UART)@ISP [FX-ISP1005],  
uPD79F8546AGK(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8546AGK(UART)@ISP [FX-ISP1005],  
uPD79F8546GK(A)(UART)@ISP [FX-ISP1005],  
uPD79F8546GK(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8546GK(UART)@ISP [FX-ISP1005],  
uPD79F8547ADGC(A)(UART)@ISP [FX-ISP1005],  
uPD79F8547ADGC(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8547ADGC(UART)@ISP [FX-ISP1005],  
uPD79F8547ADGK(A)(UART)@ISP [FX-ISP1005],  
uPD79F8547ADGK(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8547ADGK(UART)@ISP [FX-ISP1005],  
uPD79F8547AGC(A)(UART)@ISP [FX-ISP1005],  
uPD79F8547AGC(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8547AGC(UART)@ISP [FX-ISP1005],  
uPD79F8547AGK(A)(UART)@ISP [FX-ISP1005],  
uPD79F8547AGK(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8547AGK(UART)@ISP [FX-ISP1005],  
uPD79F8547DGC(A)(UART)@ISP [FX-ISP1005],  
uPD79F8547DGC(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8547DGC(UART)@ISP [FX-ISP1005],  
uPD79F8547DGK(A)(UART)@ISP [FX-ISP1005],  
uPD79F8547DGK(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8547DGK(UART)@ISP [FX-ISP1005],  
uPD79F8547GC(A)(UART)@ISP [FX-ISP1005],  
uPD79F8547GC(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8547GC(UART)@ISP [FX-ISP1005],  
uPD79F8547GK(A)(UART)@ISP [FX-ISP1005],  
uPD79F8547GK(A2)(UART)@ISP [FX-ISP1005],  
uPD79F8547GK(UART)@ISP [FX-ISP1005],

## ROHM

### E(E)PROM/FRAM/NVRAM

BR24G08@SOIC8 [FX-ISP1004], BR24G08@SOIC8(3.3V) [FX-ISP1004],

## SAMSUNG

### E(E)PROM/FRAM/NVRAM

K9F1G08U0M@TSOP48 [FX-ISP1004],

## SAMSUNG-CUSTOMER

### E(E)PROM/FRAM/NVRAM

KLM4G1YEMD(SLC)@BGA153 [FX-ISP1004],  
KLM4G1YEMD@BGA153 [FX-ISP1004], KLM8G1YEME(SLC)@BGA153 [FX-ISP1004],

## SEIKO

### E(E)PROM/FRAM/NVRAM

S-25A080A@ISP [FX-ISP1004], S-25A160A@ISP [FX-ISP1004],  
S-25A320A@ISP [FX-ISP1004], S-25A640A@ISP [FX-ISP1004],  
S-25C080A@ISP [FX-ISP1004], S-25C160A@ISP [FX-ISP1004],  
S-25C320A@ISP [FX-ISP1004], S-25C640A@ISP [FX-ISP1004],

## SIGMA DESIGNS

### MICROCONTROLLER

SD3502A@QFN48,

## SILAN

### MICROCONTROLLER

SC51F3832LL2G [FX-ISP1005], SC51P03A045C1G@SOIC16 [FX-ISP1005],  
SC51P1364JT1G@SOIC20 [FX-ISP1005], SC51P2317SC1G@SOIC16 [FX-ISP1005],

## SILICON

### MICROCONTROLLER

EFM32HG222F64G@ISP [FX-ISP1004],

## SILICONLABS

### MICROCONTROLLER

BLE113-A@QFN40 [FX-ISP1004], BLE113-A-M256K@QFN40 [FX-ISP1004],

## SINOWEALTH

### MICROCONTROLLER

SH79F1612A@ISP [FX-ISP1004], SH79F3252@ISP [FX-ISP1004],  
SH79F3283P@ISP [FX-ISP1004],

## SPANSION

### E(E)PROM/FRAM/NVRAM

S25FL128SAGBHIA10@SOIC8,  
S29AL032D90TFI03@TSOP48 [FX-ISP1004],  
S29GL128P10FAI02@FBGA64 [FX-ISP1004],  
S34ML02G100BHI00@FBGA63 [FX-ISP1004],

### MICROCONTROLLER

MB9AF141KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AF141KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AF141LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9AF141LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9AF141LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AF141MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AF141MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AF141MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9AF141NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AF141NPF(SWD)@QFP100 [FX-ISP1004],  
MB9AF141NPMC(SWD)@LQFP100 [FX-ISP1004],  
MB9AF142KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9AF142KQN(SWD)@QFN48 [FX-ISP1004],  
MB9AF142LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9AF142LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9AF142LQN(SWD)@QFN64 [FX-ISP1004],  
MB9AF142MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AF142MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AF142MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9AF142NBGL(SWD)@BGA112 [FX-ISP1004],  
MB9AF142NPF(SWD)@QFP100 [FX-ISP1004],  
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MB9AF144KQN(SWD)@QFN48 [FX-ISP1004],  
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MB9AF144LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9AF144LQN(SWD)@QFN64 [FX-ISP1004],

MB9AF144MBGL(SWD)@BGA96 [FX-ISP1004],  
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MB9AF144MPMC1(SWD)@LQFP80 [FX-ISP1004],  
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MB9AF145MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9AF145MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9AF145MPMC1(SWD)@LQFP80 [FX-ISP1004],  
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MB9AF346NBGL(SWD)@BGA112 [FX-ISP1004],  
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MB9BF521KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9BF521KQN(SWD)@QFN48 [FX-ISP1004],  
MB9BF521LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9BF521LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9BF521LQN(SWD)@QFN64 [FX-ISP1004],  
MB9BF521MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9BF521MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF521MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9BF522KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9BF522KQN(SWD)@QFN48 [FX-ISP1004],  
MB9BF522LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9BF522LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9BF522LQN(SWD)@QFN64 [FX-ISP1004],  
MB9BF522MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9BF522MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF522MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9BF524KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9BF524KQN(SWD)@QFN48 [FX-ISP1004],  
MB9BF524LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9BF524LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9BF524LQN(SWD)@QFN64 [FX-ISP1004],  
MB9BF524MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9BF524MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF524MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9BF525KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9BF525KQN(SWD)@QFN48 [FX-ISP1004],  
MB9BF525LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9BF525LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9BF525LQN(SWD)@QFN64 [FX-ISP1004],  
MB9BF525MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9BF525MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF525MPMC1(SWD)@LQFP80 [FX-ISP1004],  
MB9BF526KPMC(SWD)@LQFP48 [FX-ISP1004],  
MB9BF526KQN(SWD)@QFN48 [FX-ISP1004],  
MB9BF526LPMC(SWD)@LQFP64 [FX-ISP1004],  
MB9BF526LPMC1(SWD)@LQFP64 [FX-ISP1004],  
MB9BF526LQN(SWD)@QFN64 [FX-ISP1004],  
MB9BF526MBGL(SWD)@BGA96 [FX-ISP1004],  
MB9BF526MPMC(SWD)@LQFP80 [FX-ISP1004],  
MB9BF526MPMC1(SWD)@LQFP80 [FX-ISP1004],

## ST

### E(E)PROM/FRAM/NVRAM

M24C16@SOIC8(3.3V) [FX-ISP1004], M24C02@SOIC8 [FX-ISP1004],  
M24C02@SOIC8(3.3V) [FX-ISP1004],

### MICROCONTROLLER

SPC560B60L3 [FX-ISP1005], ST7FLITE29F2M6@ISP [FX-ISP1004],  
STM32F030C8@ISP [FX-ISP1004], STM32F031F4@ISP [FX-ISP1004],  
STM32F031F6(CHANGHONG)@ISP [FX-ISP1004],  
STM32F031F6@ISP [FX-ISP1004], STM32F031G4@ISP [FX-ISP1004],  
STM32F031G6@ISP [FX-ISP1004], STM32F205RE@ISP [FX-ISP1004],  
STM32F205xG@ISP [FX-ISP1004], STM32F303CB@ISP [FX-ISP1004],  
STM32F4050E@ISP [FX-ISP1004], STM32F407VE@ISP [FX-ISP1004],  
STM32F439II@ISP [FX-ISP1004], STM32F439ZG@ISP [FX-ISP1004],  
STM32G474VE@ISP [FX-ISP1004], STM32L051C8 [FX-ISP1004],  
STM32L051K6 [FX-ISP1004], STM32L053R8 [FX-ISP1004],  
STM32L071C8 [FX-ISP1004], STM32L071CB [FX-ISP1004],  
STM32L071CZ [FX-ISP1004], STM32L452CE@ISP [FX-ISP1004],  
STM32L452RE@ISP [FX-ISP1004], STM32L471RE@ISP [FX-ISP1004],  
STM32L471VG@ISP [FX-ISP1004], STM32L476RC@ISP [FX-ISP1004],  
STM32WB55RG@ISP [FX-ISP1004], STM8AF5286@ISP [FX-ISP1004],  
STM8AF6246@ISP [FX-ISP1004], STM8AF6266@ISP [FX-ISP1004],  
STM8AL3166@ISP [FX-ISP1004], STM8L151C8@ISP [FX-ISP1004],  
STM8L151G6@ISP [FX-ISP1004], STM8S003F3@ISP [FX-ISP1004],  
STM8S005K6@ISP [FX-ISP1004], STM8S103F2@ISP [FX-ISP1004],  
STM8S105K4@ISP [FX-ISP1004], STM8S105K6@ISP [FX-ISP1004],  
STM8S207C8@ISP [FX-ISP1004], STM8S207CB@ISP [FX-ISP1004],  
STM8S207K8@ISP [FX-ISP1004], STM8S207R8@ISP [FX-ISP1004],  
STM8S207RB@ISP [FX-ISP1004],



## MICROCONTROLLER

CC1110-F08@QFN36 [FX-ISP1004],  
 CC1110-F32@QFN36 [FX-ISP1004],  
 CC1310F128RGZ@QFN48 [FX-ISP1005],  
 CC2541F256@QFN40 [FX-ISP1004],  
 MSP430AFE221IPW(SBW) [FX-ISP1004],  
 MSP430AFE222IPW(SBW) [FX-ISP1004],  
 MSP430AFE223IPW(SBW) [FX-ISP1004],  
 MSP430AFE231IPW(SBW) [FX-ISP1004],  
 MSP430AFE232IPW(SBW) [FX-ISP1004],  
 MSP430AFE233IPW(SBW) [FX-ISP1004],  
 MSP430AFE251IPW(SBW) [FX-ISP1004],  
 MSP430AFE252IPW(SBW) [FX-ISP1004],  
 MSP430AFE253IPW(SBW) [FX-ISP1004],  
 MSP430F2001IPW(SPW) [FX-ISP1004],  
 MSP430F2001TN(SPW) [FX-ISP1004],  
 MSP430F2001TRSA(SPW) [FX-ISP1004],  
 MSP430F2002IPW(SPW) [FX-ISP1004],  
 MSP430F2002TN(SPW) [FX-ISP1004],  
 MSP430F2002TRSA(SPW) [FX-ISP1004],  
 MSP430F2003IPW(SPW) [FX-ISP1004],  
 MSP430F2003TN(SPW) [FX-ISP1004],  
 MSP430F2003TRSA(SPW) [FX-ISP1004],  
 MSP430F2011IPW(SPW) [FX-ISP1004],  
 MSP430F2011TN(SPW) [FX-ISP1004],  
 MSP430F2011TRSA(SPW) [FX-ISP1004],  
 MSP430F2012IPW(SPW) [FX-ISP1004],  
 MSP430F2012TN(SPW) [FX-ISP1004],  
 MSP430F2012TRSA(SPW) [FX-ISP1004],  
 MSP430F2013IPW(SPW) [FX-ISP1004],  
 MSP430F2013TN(SPW) [FX-ISP1004],  
 MSP430F2013TRSA(SPW) [FX-ISP1004],  
 MSP430F233@QFN64 [FX-ISP1004],  
 MSP430F2330IRHA@40-PIN QFN [FX-ISP1005],  
 MSP430F2330IYFF@49-PIN DSBGA [FX-ISP1005],  
 MSP430F235@LQFP64 [FX-ISP1004],  
 MSP430F2350IRHA@40-PIN QFN [FX-ISP1005],  
 MSP430F2350IYFF@49-PIN DSBGA [FX-ISP1005],  
 MSP430F2370IRHA@40-PIN QFN [FX-ISP1005],  
 MSP430F2370IYFF@49-PIN DSBGA [FX-ISP1005],  
 MSP430F2410@QFN64 [FX-ISP1004],  
 MSP430F2410TZQW@BGA113 [FX-ISP1004],  
 MSP430F2416@TQFP64 [FX-ISP1004],  
 MSP430F2416TZQW@BGA113 [FX-ISP1004],  
 MSP430F2417@TQFP64 [FX-ISP1004],  
 MSP430F2417TZQW@BGA113 [FX-ISP1004],  
 MSP430F2418@TQFP64 [FX-ISP1004],  
 MSP430F2418TZQW@BGA113 [FX-ISP1004],  
 MSP430F2419@TQFP64 [FX-ISP1004],  
 MSP430F2419TZQW@BGA113 [FX-ISP1004],  
 MSP430F247@QFN64 [FX-ISP1004],  
 MSP430F2471@QFN64 [FX-ISP1004],  
 MSP430F248@QFN64 [FX-ISP1004],  
 MSP430F2481@QFN64 [FX-ISP1004],  
 MSP430F249@QFN64 [FX-ISP1004],  
 MSP430F2491@QFN64 [FX-ISP1004],  
 MSP430F2616@TQFP64 [FX-ISP1004],  
 MSP430F2616TZQW@BGA113 [FX-ISP1004],  
 MSP430F2617@TQFP64 [FX-ISP1004],  
 MSP430F2617TZQW@BGA113 [FX-ISP1004],  
 MSP430F2618@TQFP64 [FX-ISP1004],  
 MSP430F2618TZQW@BGA113 [FX-ISP1004],  
 MSP430F2619@TQFP64 [FX-ISP1004],  
 MSP430F2619TZQW@BGA113 [FX-ISP1004],  
 MSP430F415@TQFP64 [FX-ISP1004],  
 MSP430F4152@TQFP64 [FX-ISP1004],  
 MSP430FR5738@SOP28 [FX-ISP1004],  
 CC2640F128RGZ@QFN48 [FX-ISP1004],  
 CC2640F128RSM@QFN32 [FX-ISP1004],  
 CC1110-F16@QFN36 [FX-ISP1004],  
 CC1111-F32@QFN36 [FX-ISP1004],  
 CC2541F128@QFN40 [FX-ISP1004],  
 MSP430AFE221AIPW(SBW) [FX-ISP1004],  
 MSP430AFE222AIPW(SBW) [FX-ISP1004],  
 MSP430AFE223AIPW(SBW) [FX-ISP1004],  
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 MSP430AFE232AIPW(SBW) [FX-ISP1004],  
 MSP430AFE233AIPW(SBW) [FX-ISP1004],  
 MSP430AFE251AIPW(SBW) [FX-ISP1004],  
 MSP430AFE252AIPW(SBW) [FX-ISP1004],  
 MSP430AFE253AIPW(SBW) [FX-ISP1004],  
 MSP430F2001IN(SPW) [FX-ISP1004],  
 MSP430F2001IRSA(SPW) [FX-ISP1004],  
 MSP430F2001TPW(SPW) [FX-ISP1004],  
 MSP430F2002IN(SPW) [FX-ISP1004],  
 MSP430F2002IRSA(SPW) [FX-ISP1004],  
 MSP430F2002TPW(SPW) [FX-ISP1004],  
 MSP430F2003IN(SPW) [FX-ISP1004],  
 MSP430F2003IRSA(SPW) [FX-ISP1004],  
 MSP430F2003TPW(SPW) [FX-ISP1004],  
 MSP430F2011IN(SPW) [FX-ISP1004],  
 MSP430F2011IRSA(SPW) [FX-ISP1004],  
 MSP430F2011TPW(SPW) [FX-ISP1004],  
 MSP430F2012IN(SPW) [FX-ISP1004],  
 MSP430F2012IRSA(SPW) [FX-ISP1004],  
 MSP430F2012TPW(SPW) [FX-ISP1004],  
 MSP430F2013IN(SPW) [FX-ISP1004],  
 MSP430F2013IRSA(SPW) [FX-ISP1004],  
 MSP430F2013TPW(SPW) [FX-ISP1004],  
 MSP430F233@LQFP64 [FX-ISP1004],  
 MSP430F235@QFN64 [FX-ISP1004],  
 MSP430F2410@TQFP64 [FX-ISP1004],  
 MSP430F2416@TQFP80 [FX-ISP1004],  
 MSP430F2417@TQFP80 [FX-ISP1004],  
 MSP430F2418@TQFP80 [FX-ISP1004],  
 MSP430F2419@TQFP80 [FX-ISP1004],  
 MSP430F247@TQFP64 [FX-ISP1004],  
 MSP430F2471@TQFP64 [FX-ISP1004],  
 MSP430F248@TQFP64 [FX-ISP1004],  
 MSP430F2481@TQFP64 [FX-ISP1004],  
 MSP430F249@TQFP64 [FX-ISP1004],  
 MSP430F2491@TQFP64 [FX-ISP1004],  
 MSP430F2616@TQFP80 [FX-ISP1004],  
 MSP430F2617@TQFP80 [FX-ISP1004],  
 MSP430F2618@TQFP80 [FX-ISP1004],  
 MSP430F2619@TQFP80 [FX-ISP1004],  
 MSP430F4152(SBW) [FX-ISP1004],  
 MSP430F4481@TQFP100 [FX-ISP1004],  
 MSP430FR6972@TQFP64 [FX-ISP1004],  
 CC2640F128RHB@QFN32 [FX-ISP1004],

## E(E)PROM/FRAM/NVRAM

THGBMHG7C2LBAB7(HIRAIN)@BGA153 [FX-ISP1004],

## TPF

### MICROCONTROLLER

TPF150A@ISP [FX-ISP1004], TPF160A@ISP [FX-ISP1004],

## TUOPU

### MICROCONTROLLER

KF32A150MQV@ISP [FX-ISP1004],

## WINBOND

## E(E)PROM/FRAM/NVRAM

W25Q16DV@ISP [FX-ISP1004], W25Q40EW@ISP [FX-ISP1004],  
W25X10@ISP [FX-ISP1004], W25X10AL@ISP [FX-ISP1004],  
W25X10AV@ISP [FX-ISP1004], W25X10BL@ISP [FX-ISP1004],  
W25X10BV@ISP [FX-ISP1004], W25X10CL@ISP [FX-ISP1004],  
W25X10L@ISP [FX-ISP1004], W25X10V@ISP [FX-ISP1004],  
W25X20@ISP [FX-ISP1004], W25X20AL@ISP [FX-ISP1004],  
W25X20AV@ISP [FX-ISP1004], W25X20BL@ISP [FX-ISP1004],  
W25X20BV@ISP [FX-ISP1004], W25X20CL@ISP [FX-ISP1004],  
W25X20CV@ISP [FX-ISP1004], W25X20L@ISP [FX-ISP1004],  
W25X20V@ISP [FX-ISP1004], W25X21CL@ISP [FX-ISP1004],  
W25X40@ISP [FX-ISP1004], W25X40AL@ISP [FX-ISP1004],  
W25X40AV@ISP [FX-ISP1004], W25X40BL@ISP [FX-ISP1004],  
W25X40BV@ISP [FX-ISP1004], W25X40CL@ISP [FX-ISP1004],  
W25X40L@ISP [FX-ISP1004], W25X40V@ISP [FX-ISP1004],  
W25X41CL@ISP [FX-ISP1004],

## XELTEK

### MICROCONTROLLER

R5F100FCAFP@ISP [FX-ISP1004], R5F100JEAFA@ISP [FX-ISP1004],  
uPD78F0500AFC(CSI)@ISP [FX-ISP1004],  
uPD78F0500AMC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0500AMC(CSI)@ISP [FX-ISP1004],  
uPD78F0500FC(CSI)@ISP [FX-ISP1004],  
uPD78F0500MC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0500MC(CSI)@ISP [FX-ISP1004], uPD78F0501AFC(CSI)@ISP [FX-ISP1004],  
uPD78F0501AMC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0501AMC(CSI)@ISP [FX-ISP1004],  
uPD78F0501FC(CSI)@ISP [FX-ISP1004],  
uPD78F0501MC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0501MC(CSI)@ISP [FX-ISP1004], uPD78F0502AFC(CSI)@ISP [FX-ISP1004],  
uPD78F0502AMC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0502AMC(CSI)@ISP [FX-ISP1004],  
uPD78F0502FC(CSI)@ISP [FX-ISP1004],  
uPD78F0502MC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0502MC(CSI)@ISP [FX-ISP1004],  
uPD78F0503ADFC(CSI)@ISP [FX-ISP1004],  
uPD78F0503ADMC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0503ADMC(CSI)@ISP [FX-ISP1004],  
uPD78F0503AFC(CSI)@ISP [FX-ISP1004],  
uPD78F0503AMC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0503AMC(CSI)@ISP [FX-ISP1004],  
uPD78F0503DFC(CSI)@ISP [FX-ISP1004],  
uPD78F0503DMC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0503DMC(CSI)@ISP [FX-ISP1004],  
uPD78F0503FC(CSI)@ISP [FX-ISP1004],  
uPD78F0503MC(A)(CSI)@ISP [FX-ISP1004],







uPD78F0535GK(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0535GK(CSI)@ISP [FX-ISP1004],  
uPD78F0536AGB(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0536AGB(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0536AGB(CSI)@ISP [FX-ISP1004],  
uPD78F0536AGC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0536AGC(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0536AGC(CSI)@ISP [FX-ISP1004],  
uPD78F0536AGK(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0536AGK(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0536AGK(CSI)@ISP [FX-ISP1004],  
uPD78F0536GB(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0536GB(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0536GB(CSI)@ISP [FX-ISP1004],  
uPD78F0536GC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0536GC(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0536GC(CSI)@ISP [FX-ISP1004],  
uPD78F0536GK(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0536GK(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0536GK(CSI)@ISP [FX-ISP1004],  
uPD78F0537ADGB(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0537ADGB(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0537ADGB(CSI)@ISP [FX-ISP1004],  
uPD78F0537ADGC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0537ADGC(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0537ADGC(CSI)@ISP [FX-ISP1004],  
uPD78F0537ADGK(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0537ADGK(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0537ADGK(CSI)@ISP [FX-ISP1004],  
uPD78F0537AGB(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0537AGB(A2)(CSI)@ISP [FX-ISP1004],  
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uPD78F0537AGC(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0537AGC(A2)(CSI)@ISP [FX-ISP1004],  
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uPD78F0537AGK(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0537AGK(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0537AGK(CSI)@ISP [FX-ISP1004],  
uPD78F0537DGB(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0537DGB(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0537DGB(CSI)@ISP [FX-ISP1004],  
uPD78F0537DGC(A)(CSI)@ISP [FX-ISP1004],  
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uPD78F0545GK(A)(CSI)@ISP [FX-ISP1004],

uPD78F0545GK(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0545GK(CSI)@ISP [FX-ISP1004],  
uPD78F0546AGK(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0546AGK(A2)(CSI)@ISP [FX-ISP1004],  
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uPD78F0546GK(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0546GK(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0546GK(CSI)@ISP [FX-ISP1004],  
uPD78F0547ADGC(A)(CSI)@ISP [FX-ISP1004],  
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uPD78F0547ADGK(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0547ADGK(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0547ADGK(CSI)@ISP [FX-ISP1004],  
uPD78F0547AGC(A)(CSI)@ISP [FX-ISP1004],  
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uPD78F0547DGK(CSI)@ISP [FX-ISP1004],  
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uPD78F0547GC(CSI)@ISP [FX-ISP1004],  
uPD78F0547GK(A)(CSI)@ISP [FX-ISP1004],  
uPD78F0547GK(A2)(CSI)@ISP [FX-ISP1004],  
uPD78F0547GK(CSI)@ISP [FX-ISP1004],

## **XILINX**

### **PLD**

XC2C64A@CP56 [FX-ISP1005],                   XC2C64A@PC44 [FX-ISP1005],  
XC2C64A@QFG48 [FX-ISP1005],               XC2C64A@VQ100 [FX-ISP1005],  
XC2C64A@VQ44 [FX-ISP1005],