



MICROCHIP
The Embedded Control Solutions Company®

Product / Process Change Archive

Product / Process Change Notification CYAR-7RTMU5

[Home](#)

The information below reflects a change that is being implemented.

Notice Date: 10/23/2009

Product Category: dsPIC; PIC16xxx; PIC18xxx; PIC24xxx

Notification Subject: CCB# 893: Qualification of High Density Lead Frame in 28L QFN-S & 44L QFN Packages at UNIS Assembly Site

Notification Body:

PCN Status:

Final notification

Microchip Part#s Affected (please see the link for these files at the end of this PCN):

See attachment of Affected package/device in Qualification plan.

[Microchip_Catalog_Part#s_Affected.xls](#)

[Microchip_Catalog_Part#s_Affected.pdf](#)

Description of Change:

Qualification of high density lead frame in 28L QFN-S and 44L QFN packages at UNIS assembly site.

Impacts to Data Sheet:

None

Reason for Change:

To improve on time delivery performance

Change Implementation Status:

In Progress

Estimated First Ship Date:

October 23, 2009 (Date code 0943)

NOTE: Please be advised that during the transition period customers may receive parts with either leadframe, due to existing inventory of the original materials.

Markings to Distinguish Revised from Unrevised Devices: (e.g.: Date Code, Device Marking, Ship Container Marking)
Traceability code

CATALOG PART_NBR	CATALOG PART_NBR
28L QFN-S	44L QFN
DSPIC30F1010-20E/MM	DSPIC30F2023-20E/ML
DSPIC30F1010-30I/MM	DSPIC30F2023-30I/ML
DSPIC30F1010T-20E/MM	DSPIC30F2023-30I/MLD32
DSPIC30F1010T-30I/MM	DSPIC30F2023-30V/MLD31
DSPIC30F2010-20E/MM	DSPIC30F2023T-20E/ML
DSPIC30F2010-20I/MM	DSPIC30F2023T-30I/ML
DSPIC30F2010-30I/MM	DSPIC30F2023T-30I/MLD32
DSPIC30F2010-30V/MMA31	DSPIC30F2023T-30V/MLD31
DSPIC30F2010T-20E/MM	DSPIC30F3010-20E/ML
DSPIC30F2010T-20E/MM021	DSPIC30F3010-20I/ML
DSPIC30F2010T-20E/MM022	DSPIC30F3010-30I/ML
DSPIC30F2010T-20E/MMG	DSPIC30F3010T-20E/ML
DSPIC30F2010T-20E/MMG020	DSPIC30F3010T-20I/ML
DSPIC30F2010T-20I/MM	DSPIC30F3010T-30I/ML
DSPIC30F2010T-30I/MM	DSPIC30F3011-10I/MLB22
DSPIC30F2010T-30I/MMG	DSPIC30F3011-20E/ML
DSPIC30F2010T-30V/MMA31	DSPIC30F3011-20I/ML
DSPIC30F2020-20E/MM	DSPIC30F3011-30I/ML
DSPIC30F2020-30I/MM	DSPIC30F3011T-10I/MLB21
DSPIC30F2020-30I/MMB32	DSPIC30F3011T-10I/MLB22
DSPIC30F2020-30I/MMB35	DSPIC30F3011T-20E/ML
DSPIC30F2020T-20E/MM	DSPIC30F3011T-20I/ML
DSPIC30F2020T-30I/MM	DSPIC30F3011T-30I/ML
DSPIC30F2020T-30I/MM020	DSPIC30F3012-20E/ML
DSPIC30F2020T-30I/MMB32	DSPIC30F3012-20I/ML
DSPIC30F2020T-30I/MMB35	DSPIC30F3012-30I/ML
DSPIC33FJ06GS102-E/MM	DSPIC30F3012T-20E/ML
DSPIC33FJ06GS102-I/MM	DSPIC30F3012T-20I/ML
DSPIC33FJ06GS102T-E/MM	DSPIC30F3012T-30I/ML
DSPIC33FJ06GS102T-I/MM	DSPIC30F3013-20E/ML
DSPIC33FJ06GS202-E/MM	DSPIC30F3013-20I/ML
DSPIC33FJ06GS202-I/MM	DSPIC30F3013-20I/MLC01
DSPIC33FJ06GS202T-E/MM	DSPIC30F3013-30I/ML
DSPIC33FJ06GS202T-I/MM	DSPIC30F3013T-20E/ML
DSPIC33FJ128GP202-E/MM	DSPIC30F3013T-20I/ML
DSPIC33FJ128GP202-I/MM	DSPIC30F3013T-20I/MLC01
DSPIC33FJ128GP202T-E/MM	DSPIC30F3013T-30I/ML
DSPIC33FJ128GP202T-I/MM	DSPIC30F3014-20E/ML
DSPIC33FJ128GP802-E/MM	DSPIC30F3014-20I/ML
DSPIC33FJ128GP802-I/MM	DSPIC30F3014-30I/ML
DSPIC33FJ128GP802T-E/MM	DSPIC30F3014-30I/MLA31
DSPIC33FJ128GP802T-I/MM	DSPIC30F3014T-20E/ML
DSPIC33FJ128MC202-E/MM	DSPIC30F3014T-20I/ML
DSPIC33FJ128MC202-I/MM	DSPIC30F3014T-30I/ML
DSPIC33FJ128MC202T-E/MM	DSPIC30F3014T-30I/MLA31
DSPIC33FJ128MC202T-I/MM	DSPIC30F4011-20E/ML
DSPIC33FJ128MC802-E/MM	DSPIC30F4011-20I/ML
DSPIC33FJ128MC802-I/MM	DSPIC30F4011-30I/ML
DSPIC33FJ128MC802T-E/MM	DSPIC30F4011T-20E/ML

DSPIC33FJ128MC802T-I/MM	DSPIC30F4011T-20I/ML
DSPIC33FJ16GS402-E/MM	DSPIC30F4011T-30I/ML
DSPIC33FJ16GS402-I/MM	DSPIC30F4012-20E/ML
DSPIC33FJ16GS402T-E/MM	DSPIC30F4012-20I/ML
DSPIC33FJ16GS402T-I/MM	DSPIC30F4012-30I/ML
DSPIC33FJ16GS502-E/MM	DSPIC30F4012T-20E/ML
DSPIC33FJ16GS502-I/MM	DSPIC30F4012T-20I/ML
DSPIC33FJ16GS502T-E/MM	DSPIC30F4012T-30I/ML
DSPIC33FJ16GS502T-I/MM	DSPIC30F4013-20E/ML
DSPIC33FJ32GP202-E/MM	DSPIC30F4013-20I/ML
DSPIC33FJ32GP202-I/MM	DSPIC30F4013-30I/ML
DSPIC33FJ32GP202T-E/MM	DSPIC30F4013-30I/MLB31
DSPIC33FJ32GP202T-I/MM	DSPIC30F4013T-20E/ML
DSPIC33FJ32GP302-E/MM	DSPIC30F4013T-20I/ML
DSPIC33FJ32GP302-I/MM	DSPIC30F4013T-30I/ML
DSPIC33FJ32GP302T-E/MM	DSPIC30F4013T-30I/MLB31
DSPIC33FJ32GP302T-I/MM	DSPIC33FJ16GP304-E/ML
DSPIC33FJ32MC202-E/MM	DSPIC33FJ16GP304-I/ML
DSPIC33FJ32MC202-I/MM	DSPIC33FJ16GP304T-E/ML
DSPIC33FJ32MC202T-E/MM	DSPIC33FJ16GP304T-I/ML
DSPIC33FJ32MC202T-I/MM	DSPIC33FJ16MC304-E/ML
DSPIC33FJ32MC302-E/MM	DSPIC33FJ16MC304-I/ML
DSPIC33FJ32MC302-I/MM	DSPIC33FJ16MC304T-E/ML
DSPIC33FJ32MC302T-E/MM	DSPIC33FJ16MC304T-I/ML
DSPIC33FJ32MC302T-I/MM	DSPIC33FJ32GP204-E/ML
DSPIC33FJ64GP202-E/MM	DSPIC33FJ32GP204-I/ML
DSPIC33FJ64GP202-I/MM	DSPIC33FJ32GP204T-E/ML
DSPIC33FJ64GP202T-E/MM	DSPIC33FJ32GP204T-I/ML
DSPIC33FJ64GP202T-I/MM	DSPIC33FJ32MC204-E/ML
DSPIC33FJ64GP802-E/MM	DSPIC33FJ32MC204-I/ML
DSPIC33FJ64GP802-I/MM	DSPIC33FJ32MC204T-E/ML
DSPIC33FJ64GP802T-E/MM	DSPIC33FJ32MC204T-I/ML
DSPIC33FJ64GP802T-I/MM	PIC16F747-E/ML
DSPIC33FJ64MC202-E/MM	PIC16F747-I/ML
DSPIC33FJ64MC202-I/MM	PIC16F747T-I/ML
DSPIC33FJ64MC202T-E/MM	PIC16F74-E/ML
DSPIC33FJ64MC202T-I/MM	PIC16F74-I/ML
DSPIC33FJ64MC802-E/MM	PIC16F74T-E/ML
DSPIC33FJ64MC802-I/MM	PIC16F74T-I/ML
DSPIC33FJ64MC802T-E/MM	PIC16F777-E/ML
DSPIC33FJ64MC802T-I/MM	PIC16F777-I/ML
PIC18F2331-E/MM	PIC16F777T-I/ML
PIC18F2331-I/MM	PIC16F77-E/ML
PIC18F2331T-I/MM	PIC16F77-I/ML
PIC18F2431-E/MM	PIC16F77T-E/ML
PIC18F2431-E/MMC01	PIC16F77T-I/ML
PIC18F2431-I/MM	PIC16F874A-E/ML
PIC18F2431T-I/MM	PIC16F874A-I/ML
PIC18F2480-E/ML	PIC16F874AT-I/ML
PIC18F2480-I/ML	PIC16F877A-E/ML
PIC18F2480T-E/ML	PIC16F877A-I/ML

PIC18F2480T-I/ML	PIC16F877A-I/MLC31
PIC18F2580-E/ML	PIC16F877AT-I/ML
PIC18F2580-I/ML	PIC16F884-E/ML
PIC18F2580T-I/ML	PIC16F884-I/ML
PIC18F2580T-I/MLC02	PIC16F884T-I/ML
PIC18LF2331-I/MM	PIC16F887-E/ML
PIC18LF2331T-I/MM	PIC16F887-I/ML
PIC18LF2431-I/MM	PIC16F887T-I/ML
PIC18LF2431T-I/MM	PIC16F914-E/ML
PIC18LF2480-I/ML	PIC16F914-I/ML
PIC18LF2480T-I/ML	PIC16F914T-I/ML
PIC18LF2580-I/ML	PIC16F917-E/ML
PIC18LF2580-I/MLC01	PIC16F917-I/ML
PIC18LF2580T-I/ML	PIC16F917T-I/ML
PIC24HJ128GP202-E/MM	PIC16LF747-I/ML
PIC24HJ128GP202-I/MM	PIC16LF747T-I/ML
PIC24HJ128GP202T-E/MM	PIC16LF74-I/ML
PIC24HJ128GP202T-I/MM	PIC16LF74T-I/ML
PIC24HJ128GP502-E/MM	PIC16LF777-I/ML
PIC24HJ128GP502-I/MM	PIC16LF777T-I/ML
PIC24HJ128GP502T-E/MM	PIC16LF77-I/ML
PIC24HJ128GP502T-I/MM	PIC16LF77T-I/ML
PIC24HJ32GP202-E/MM	PIC16LF874A-I/ML
PIC24HJ32GP202-I/MM	PIC16LF874AT-I/ML
PIC24HJ32GP202T-E/MM	PIC16LF877A-I/ML
PIC24HJ32GP202T-I/MM	PIC18F4220-E/ML
PIC24HJ32GP302-E/MM	PIC18F4220-I/ML
PIC24HJ32GP302-I/MM	PIC18F4220-I/ML020
PIC24HJ32GP302T-E/MM	PIC18F4220T-I/ML
PIC24HJ32GP302T-I/MM	PIC18F4220T-I/ML020
PIC24HJ64GP202-E/MM	PIC18F4221-E/ML
PIC24HJ64GP202-I/MM	PIC18F4221-I/ML
PIC24HJ64GP202T-E/MM	PIC18F4221T-I/ML
PIC24HJ64GP202T-I/MM	PIC18F4320-E/ML
PIC24HJ64GP502-E/MM	PIC18F4320-I/ML
PIC24HJ64GP502-I/MM	PIC18F4320-I/MLG
PIC24HJ64GP502T-E/MM	PIC18F4320T-I/ML
PIC24HJ64GP502T-I/MM	PIC18F4321-E/ML
	PIC18F4321-I/ML
	PIC18F4321T-I/ML
	PIC18F4331-E/ML
	PIC18F4331-I/ML
	PIC18F4331T-I/ML
	PIC18F4410-E/ML
	PIC18F4410-I/ML
	PIC18F4410T-I/ML
	PIC18F4420-E/ML
	PIC18F4420-I/ML
	PIC18F4420T-I/ML
	PIC18F4423-E/ML
	PIC18F4423-I/ML

PIC18F4423T-I/ML
PIC18F442-E/ML
PIC18F442-I/ML
PIC18F442T-I/ML
PIC18F4431-E/ML
PIC18F4431-I/ML
PIC18F4431T-I/ML
PIC18F4439-E/ML
PIC18F4439-I/ML
PIC18F4439T-E/ML
PIC18F4439T-I/ML
PIC18F4450-I/ML
PIC18F4450T-I/ML
PIC18F4455-I/ML
PIC18F4455T-I/ML
PIC18F4458-I/ML
PIC18F4458T-I/ML
PIC18F4480-E/ML
PIC18F4480-I/ML
PIC18F4480T-I/ML
PIC18F44J10-I/ML
PIC18F44J10T-I/ML
PIC18F44J11-I/ML
PIC18F44J11T-I/ML
PIC18F44J50-I/ML
PIC18F44J50T-I/ML
PIC18F44K20-E/ML
PIC18F44K20-I/ML
PIC18F44K20T-I/ML
PIC18F4510-E/ML
PIC18F4510-I/ML
PIC18F4510T-I/ML
PIC18F4515-E/ML
PIC18F4515-I/ML
PIC18F4515T-I/ML
PIC18F4520-E/ML
PIC18F4520-I/ML
PIC18F4520T-E/ML
PIC18F4520T-I/ML
PIC18F4520T-I/ML022
PIC18F4520T-I/ML047
PIC18F4523-E/ML
PIC18F4523-I/ML
PIC18F4523T-I/ML
PIC18F4525-E/ML
PIC18F4525-I/ML
PIC18F4525-I/MLB4
PIC18F4525T-I/ML
PIC18F452-E/ML
PIC18F452-I/ML
PIC18F452T-E/ML

PIC18F452T-I/ML
PIC18F4539-E/ML
PIC18F4539-I/ML
PIC18F4539T-E/ML
PIC18F4539T-I/ML
PIC18F4550-I/ML
PIC18F4550T-I/ML
PIC18F4553-I/ML
PIC18F4553T-I/ML
PIC18F4580-E/ML
PIC18F4580-I/ML
PIC18F4580T-I/ML
PIC18F4585-E/ML
PIC18F4585-I/ML
PIC18F4585T-I/ML
PIC18F45J10-I/ML
PIC18F45J10T-I/ML
PIC18F45J11-I/ML
PIC18F45J11T-I/ML
PIC18F45J50-I/ML
PIC18F45J50T-I/ML
PIC18F45K20-E/ML
PIC18F45K20-I/ML
PIC18F45K20-I/MLC01
PIC18F45K20T-I/ML
PIC18F45K20T-I/MLC01
PIC18F4610-E/ML
PIC18F4610-I/ML
PIC18F4610T-I/ML
PIC18F4620-E/ML
PIC18F4620-I/ML
PIC18F4620T-I/ML
PIC18F4680-E/ML
PIC18F4680-I/ML
PIC18F4680T-I/ML
PIC18F4682-E/ML
PIC18F4682-I/ML
PIC18F4682T-I/ML
PIC18F4685-E/ML
PIC18F4685-I/ML
PIC18F4685T-I/ML
PIC18F46J11-I/ML
PIC18F46J11T-I/ML
PIC18F46J50-I/ML
PIC18F46J50T-I/ML
PIC18F46K20-E/ML
PIC18F46K20-I/ML
PIC18F46K20T-I/ML
PIC18LF4220-I/ML
PIC18LF4220T-I/ML
PIC18LF4221-I/ML

PIC18LF4221T-I/ML
PIC18LF4320-I/ML
PIC18LF4320-I/MLC06
PIC18LF4320-I/MLG
PIC18LF4320T-I/ML
PIC18LF4320T-I/MLC05
PIC18LF4320T-I/MLC06
PIC18LF4321-I/ML
PIC18LF4321T-I/ML
PIC18LF4331-I/ML
PIC18LF4331T-I/ML
PIC18LF4410-I/ML
PIC18LF4410T-I/ML
PIC18LF4420-I/ML
PIC18LF4420T-I/ML
PIC18LF4423-I/ML
PIC18LF4423T-I/ML
PIC18LF442-I/ML
PIC18LF442T-I/ML
PIC18LF4431-I/ML
PIC18LF4431-I/MLC02
PIC18LF4431T-I/ML
PIC18LF4431T-I/MLC02
PIC18LF4439-I/ML
PIC18LF4439T-I/ML
PIC18LF4450-I/ML
PIC18LF4450T-I/ML
PIC18LF4455-I/ML
PIC18LF4455T-I/ML
PIC18LF4458-I/ML
PIC18LF4458T-I/ML
PIC18LF4480-I/ML
PIC18LF4480T-I/ML
PIC18LF44J10-I/ML
PIC18LF44J10T-I/ML
PIC18LF44J11-I/ML
PIC18LF44J11T-I/ML
PIC18LF44J50-I/ML
PIC18LF44J50T-I/ML
PIC18LF4510-I/ML
PIC18LF4510T-I/ML
PIC18LF4515-I/ML
PIC18LF4515T-I/ML
PIC18LF4520-I/ML
PIC18LF4520T-I/ML
PIC18LF4520T-I/MLC07
PIC18LF4523-I/ML
PIC18LF4523T-I/ML
PIC18LF4525-I/ML
PIC18LF4525T-I/ML
PIC18LF452-I/ML

PIC18LF452-I/MLC01
PIC18LF452T-I/ML
PIC18LF4539-I/ML
PIC18LF4539T-I/ML
PIC18LF4550-I/ML
PIC18LF4550-I/MLC04
PIC18LF4550T-I/ML
PIC18LF4550T-I/ML022
PIC18LF4553-I/ML
PIC18LF4553T-I/ML
PIC18LF4580-I/ML
PIC18LF4580T-I/ML
PIC18LF4585-I/ML
PIC18LF4585T-I/ML
PIC18LF45J10-I/ML
PIC18LF45J10T-I/ML
PIC18LF45J11-I/ML
PIC18LF45J11T-I/ML
PIC18LF45J50-I/ML
PIC18LF45J50T-I/ML
PIC18LF4610-I/ML
PIC18LF4610T-I/ML
PIC18LF4620-I/ML
PIC18LF4620-I/MLC04
PIC18LF4620T-I/ML
PIC18LF4680-I/ML
PIC18LF4680T-I/ML
PIC18LF4682-I/ML
PIC18LF4685-I/ML
PIC18LF4685T-I/ML
PIC18LF46J11-I/ML
PIC18LF46J11T-I/ML
PIC18LF46J50-I/ML
PIC18LF46J50T-I/ML
PIC24FJ16GA004-E/ML
PIC24FJ16GA004-I/ML
PIC24FJ16GA004-I/MLB4
PIC24FJ16GA004T-I/ML
PIC24FJ16GA004T-I/MLB4
PIC24FJ32GA004-E/ML
PIC24FJ32GA004-I/ML
PIC24FJ32GA004-I/MLB4
PIC24FJ32GA004T-I/ML
PIC24FJ48GA004-E/ML
PIC24FJ48GA004-I/ML
PIC24FJ48GA004T-I/ML
PIC24FJ64GA004-E/ML
PIC24FJ64GA004-I/ML
PIC24FJ64GA004-I/MLB4
PIC24FJ64GA004T-I/ML
PIC24HJ16GP304-E/ML

PIC24HJ16GP304-I/ML
PIC24HJ16GP304T-E/ML
PIC24HJ16GP304T-I/ML
PIC24HJ32GP204-E/ML
PIC24HJ32GP204-I/ML
PIC24HJ32GP204T-E/ML
PIC24HJ32GP204T-I/ML

CATALOG PART_NBR	CATALOG PART_NBR
28L QFN-S	44L QFN
DSPIC30F1010-20E/MM	DSPIC30F2023-20E/ML
DSPIC30F1010-30I/MM	DSPIC30F2023-30I/ML
DSPIC30F1010T-20E/MM	DSPIC30F2023-30I/MLD32
DSPIC30F1010T-30I/MM	DSPIC30F2023-30V/MLD31
DSPIC30F2010-20E/MM	DSPIC30F2023T-20E/ML
DSPIC30F2010-20I/MM	DSPIC30F2023T-30I/ML
DSPIC30F2010-30I/MM	DSPIC30F2023T-30I/MLD32
DSPIC30F2010-30V/MMA31	DSPIC30F2023T-30V/MLD31
DSPIC30F2010T-20E/MM	DSPIC30F3010-20E/ML
DSPIC30F2010T-20E/MM021	DSPIC30F3010-20I/ML
DSPIC30F2010T-20E/MM022	DSPIC30F3010-30I/ML
DSPIC30F2010T-20E/MMG	DSPIC30F3010T-20E/ML
DSPIC30F2010T-20E/MMG020	DSPIC30F3010T-20I/ML
DSPIC30F2010T-20I/MM	DSPIC30F3010T-30I/ML
DSPIC30F2010T-30I/MM	DSPIC30F3011-10I/MLB22
DSPIC30F2010T-30I/MMG	DSPIC30F3011-20E/ML
DSPIC30F2010T-30V/MMA31	DSPIC30F3011-20I/ML
DSPIC30F2020-20E/MM	DSPIC30F3011-30I/ML
DSPIC30F2020-30I/MM	DSPIC30F3011T-10I/MLB21
DSPIC30F2020-30I/MMB32	DSPIC30F3011T-10I/MLB22
DSPIC30F2020-30I/MMB35	DSPIC30F3011T-20E/ML
DSPIC30F2020T-20E/MM	DSPIC30F3011T-20I/ML
DSPIC30F2020T-30I/MM	DSPIC30F3011T-30I/ML
DSPIC30F2020T-30I/MM020	DSPIC30F3012-20E/ML
DSPIC30F2020T-30I/MMB32	DSPIC30F3012-20I/ML
DSPIC30F2020T-30I/MMB35	DSPIC30F3012-30I/ML
DSPIC33FJ06GS102-E/MM	DSPIC30F3012T-20E/ML
DSPIC33FJ06GS102-I/MM	DSPIC30F3012T-20I/ML
DSPIC33FJ06GS102T-E/MM	DSPIC30F3012T-30I/ML
DSPIC33FJ06GS102T-I/MM	DSPIC30F3013-20E/ML
DSPIC33FJ06GS202-E/MM	DSPIC30F3013-20I/ML
DSPIC33FJ06GS202-I/MM	DSPIC30F3013-20I/MLC01
DSPIC33FJ06GS202T-E/MM	DSPIC30F3013-30I/ML
DSPIC33FJ06GS202T-I/MM	DSPIC30F3013T-20E/ML
DSPIC33FJ128GP202-E/MM	DSPIC30F3013T-20I/ML
DSPIC33FJ128GP202-I/MM	DSPIC30F3013T-20I/MLC01
DSPIC33FJ128GP202T-E/MM	DSPIC30F3013T-30I/ML
DSPIC33FJ128GP202T-I/MM	DSPIC30F3014-20E/ML
DSPIC33FJ128GP802-E/MM	DSPIC30F3014-20I/ML
DSPIC33FJ128GP802-I/MM	DSPIC30F3014-30I/ML
DSPIC33FJ128GP802T-E/MM	DSPIC30F3014-30I/MLA31
DSPIC33FJ128GP802T-I/MM	DSPIC30F3014T-20E/ML
DSPIC33FJ128MC202-E/MM	DSPIC30F3014T-20I/ML
DSPIC33FJ128MC202-I/MM	DSPIC30F3014T-30I/ML
DSPIC33FJ128MC202T-E/MM	DSPIC30F3014T-30I/MLA31
DSPIC33FJ128MC202T-I/MM	DSPIC30F4011-20E/ML
DSPIC33FJ128MC802-E/MM	DSPIC30F4011-20I/ML
DSPIC33FJ128MC802-I/MM	DSPIC30F4011-30I/ML
DSPIC33FJ128MC802T-E/MM	DSPIC30F4011T-20E/ML
DSPIC33FJ128MC802T-I/MM	DSPIC30F4011T-20I/ML

DSPIC33FJ16GS402-E/MM	DSPIC30F4011T-30I/ML
DSPIC33FJ16GS402-I/MM	DSPIC30F4012-20E/ML
DSPIC33FJ16GS402T-E/MM	DSPIC30F4012-20I/ML
DSPIC33FJ16GS402T-I/MM	DSPIC30F4012-30I/ML
DSPIC33FJ16GS502-E/MM	DSPIC30F4012T-20E/ML
DSPIC33FJ16GS502-I/MM	DSPIC30F4012T-20I/ML
DSPIC33FJ16GS502T-E/MM	DSPIC30F4012T-30I/ML
DSPIC33FJ16GS502T-I/MM	DSPIC30F4013-20E/ML
DSPIC33FJ32GP202-E/MM	DSPIC30F4013-20I/ML
DSPIC33FJ32GP202-I/MM	DSPIC30F4013-30I/ML
DSPIC33FJ32GP202T-E/MM	DSPIC30F4013-30I/MLB31
DSPIC33FJ32GP202T-I/MM	DSPIC30F4013T-20E/ML
DSPIC33FJ32GP302-E/MM	DSPIC30F4013T-20I/ML
DSPIC33FJ32GP302-I/MM	DSPIC30F4013T-30I/ML
DSPIC33FJ32GP302T-E/MM	DSPIC30F4013T-30I/MLB31
DSPIC33FJ32GP302T-I/MM	DSPIC33FJ16GP304-E/ML
DSPIC33FJ32MC202-E/MM	DSPIC33FJ16GP304-I/ML
DSPIC33FJ32MC202-I/MM	DSPIC33FJ16GP304T-E/ML
DSPIC33FJ32MC202T-E/MM	DSPIC33FJ16GP304T-I/ML
DSPIC33FJ32MC202T-I/MM	DSPIC33FJ16MC304-E/ML
DSPIC33FJ32MC302-E/MM	DSPIC33FJ16MC304-I/ML
DSPIC33FJ32MC302-I/MM	DSPIC33FJ16MC304T-E/ML
DSPIC33FJ32MC302T-E/MM	DSPIC33FJ16MC304T-I/ML
DSPIC33FJ32MC302T-I/MM	DSPIC33FJ32GP204-E/ML
DSPIC33FJ64GP202-E/MM	DSPIC33FJ32GP204-I/ML
DSPIC33FJ64GP202-I/MM	DSPIC33FJ32GP204T-E/ML
DSPIC33FJ64GP202T-E/MM	DSPIC33FJ32GP204T-I/ML
DSPIC33FJ64GP202T-I/MM	DSPIC33FJ32MC204-E/ML
DSPIC33FJ64GP802-E/MM	DSPIC33FJ32MC204-I/ML
DSPIC33FJ64GP802-I/MM	DSPIC33FJ32MC204T-E/ML
DSPIC33FJ64GP802T-E/MM	DSPIC33FJ32MC204T-I/ML
DSPIC33FJ64GP802T-I/MM	PIC16F747-E/ML
DSPIC33FJ64MC202-E/MM	PIC16F747-I/ML
DSPIC33FJ64MC202-I/MM	PIC16F747T-I/ML
DSPIC33FJ64MC202T-E/MM	PIC16F74-E/ML
DSPIC33FJ64MC202T-I/MM	PIC16F74-I/ML
DSPIC33FJ64MC802-E/MM	PIC16F74T-E/ML
DSPIC33FJ64MC802-I/MM	PIC16F74T-I/ML
DSPIC33FJ64MC802T-E/MM	PIC16F777-E/ML
DSPIC33FJ64MC802T-I/MM	PIC16F777-I/ML
PIC18F2331-E/MM	PIC16F777T-I/ML
PIC18F2331-I/MM	PIC16F77-E/ML
PIC18F2331T-I/MM	PIC16F77-I/ML
PIC18F2431-E/MM	PIC16F77T-E/ML
PIC18F2431-E/MMC01	PIC16F77T-I/ML
PIC18F2431-I/MM	PIC16F874A-E/ML
PIC18F2431T-I/MM	PIC16F874A-I/ML
PIC18F2480-E/ML	PIC16F874AT-I/ML
PIC18F2480-I/ML	PIC16F877A-E/ML
PIC18F2480T-E/ML	PIC16F877A-I/ML
PIC18F2480T-I/ML	PIC16F877A-I/MLC31
PIC18F2580-E/ML	PIC16F877AT-I/ML

PIC18F2580-I/ML	PIC16F884-E/ML
PIC18F2580T-I/ML	PIC16F884-I/ML
PIC18F2580T-I/MLC02	PIC16F884T-I/ML
PIC18LF2331-I/MM	PIC16F887-E/ML
PIC18LF2331T-I/MM	PIC16F887-I/ML
PIC18LF2431-I/MM	PIC16F887T-I/ML
PIC18LF2431T-I/MM	PIC16F914-E/ML
PIC18LF2480-I/ML	PIC16F914-I/ML
PIC18LF2480T-I/ML	PIC16F914T-I/ML
PIC18LF2580-I/ML	PIC16F917-E/ML
PIC18LF2580-I/MLC01	PIC16F917-I/ML
PIC18LF2580T-I/ML	PIC16F917T-I/ML
PIC24HJ128GP202-E/MM	PIC16LF747-I/ML
PIC24HJ128GP202-I/MM	PIC16LF747T-I/ML
PIC24HJ128GP202T-E/MM	PIC16LF74-I/ML
PIC24HJ128GP202T-I/MM	PIC16LF74T-I/ML
PIC24HJ128GP502-E/MM	PIC16LF777-I/ML
PIC24HJ128GP502-I/MM	PIC16LF777T-I/ML
PIC24HJ128GP502T-E/MM	PIC16LF77-I/ML
PIC24HJ128GP502T-I/MM	PIC16LF77T-I/ML
PIC24HJ32GP202-E/MM	PIC16LF874A-I/ML
PIC24HJ32GP202-I/MM	PIC16LF874AT-I/ML
PIC24HJ32GP202T-E/MM	PIC16LF877A-I/ML
PIC24HJ32GP202T-I/MM	PIC18F4220-E/ML
PIC24HJ32GP302-E/MM	PIC18F4220-I/ML
PIC24HJ32GP302-I/MM	PIC18F4220-I/ML020
PIC24HJ32GP302T-E/MM	PIC18F4220T-I/ML
PIC24HJ32GP302T-I/MM	PIC18F4220T-I/ML020
PIC24HJ64GP202-E/MM	PIC18F4221-E/ML
PIC24HJ64GP202-I/MM	PIC18F4221-I/ML
PIC24HJ64GP202T-E/MM	PIC18F4221T-I/ML
PIC24HJ64GP202T-I/MM	PIC18F4320-E/ML
PIC24HJ64GP502-E/MM	PIC18F4320-I/ML
PIC24HJ64GP502-I/MM	PIC18F4320-I/MLG
PIC24HJ64GP502T-E/MM	PIC18F4320T-I/ML
PIC24HJ64GP502T-I/MM	PIC18F4321-E/ML
	PIC18F4321-I/ML
	PIC18F4321T-I/ML
	PIC18F4331-E/ML
	PIC18F4331-I/ML
	PIC18F4331T-I/ML
	PIC18F4410-E/ML
	PIC18F4410-I/ML
	PIC18F4410T-I/ML
	PIC18F4420-E/ML
	PIC18F4420-I/ML
	PIC18F4420T-I/ML
	PIC18F4423-E/ML
	PIC18F4423-I/ML
	PIC18F4423T-I/ML
	PIC18F442-E/ML
	PIC18F442-I/ML

PIC18F442T-I/ML
PIC18F4431-E/ML
PIC18F4431-I/ML
PIC18F4431T-I/ML
PIC18F4439-E/ML
PIC18F4439-I/ML
PIC18F4439T-E/ML
PIC18F4439T-I/ML
PIC18F4450-I/ML
PIC18F4450T-I/ML
PIC18F4455-I/ML
PIC18F4455T-I/ML
PIC18F4458-I/ML
PIC18F4458T-I/ML
PIC18F4480-E/ML
PIC18F4480-I/ML
PIC18F4480T-I/ML
PIC18F44J10-I/ML
PIC18F44J10T-I/ML
PIC18F44J11-I/ML
PIC18F44J11T-I/ML
PIC18F44J50-I/ML
PIC18F44J50T-I/ML
PIC18F44K20-E/ML
PIC18F44K20-I/ML
PIC18F44K20T-I/ML
PIC18F4510-E/ML
PIC18F4510-I/ML
PIC18F4510T-I/ML
PIC18F4515-E/ML
PIC18F4515-I/ML
PIC18F4515T-I/ML
PIC18F4520-E/ML
PIC18F4520-I/ML
PIC18F4520T-E/ML
PIC18F4520T-I/ML
PIC18F4520T-I/ML022
PIC18F4520T-I/ML047
PIC18F4523-E/ML
PIC18F4523-I/ML
PIC18F4523T-I/ML
PIC18F4525-E/ML
PIC18F4525-I/ML
PIC18F4525-I/MLB4
PIC18F4525T-I/ML
PIC18F452-E/ML
PIC18F452-I/ML
PIC18F452T-E/ML
PIC18F452T-I/ML
PIC18F4539-E/ML
PIC18F4539-I/ML
PIC18F4539T-E/ML

PIC18F4539T-I/ML
PIC18F4550-I/ML
PIC18F4550T-I/ML
PIC18F4553-I/ML
PIC18F4553T-I/ML
PIC18F4580-E/ML
PIC18F4580-I/ML
PIC18F4580T-I/ML
PIC18F4585-E/ML
PIC18F4585-I/ML
PIC18F4585T-I/ML
PIC18F45J10-I/ML
PIC18F45J10T-I/ML
PIC18F45J11-I/ML
PIC18F45J11T-I/ML
PIC18F45J50-I/ML
PIC18F45J50T-I/ML
PIC18F45K20-E/ML
PIC18F45K20-I/ML
PIC18F45K20-I/MLC01
PIC18F45K20T-I/ML
PIC18F45K20T-I/MLC01
PIC18F4610-E/ML
PIC18F4610-I/ML
PIC18F4610T-I/ML
PIC18F4620-E/ML
PIC18F4620-I/ML
PIC18F4620T-I/ML
PIC18F4680-E/ML
PIC18F4680-I/ML
PIC18F4680T-I/ML
PIC18F4682-E/ML
PIC18F4682-I/ML
PIC18F4682T-I/ML
PIC18F4685-E/ML
PIC18F4685-I/ML
PIC18F4685T-I/ML
PIC18F46J11-I/ML
PIC18F46J11T-I/ML
PIC18F46J50-I/ML
PIC18F46J50T-I/ML
PIC18F46K20-E/ML
PIC18F46K20-I/ML
PIC18F46K20T-I/ML
PIC18LF4220-I/ML
PIC18LF4220T-I/ML
PIC18LF4221-I/ML
PIC18LF4221T-I/ML
PIC18LF4320-I/ML
PIC18LF4320-I/MLC06
PIC18LF4320-I/MLG
PIC18LF4320T-I/ML

PIC18LF4320T-I/MLC05
PIC18LF4320T-I/MLC06
PIC18LF4321-I/ML
PIC18LF4321T-I/ML
PIC18LF4331-I/ML
PIC18LF4331T-I/ML
PIC18LF4410-I/ML
PIC18LF4410T-I/ML
PIC18LF4420-I/ML
PIC18LF4420T-I/ML
PIC18LF4423-I/ML
PIC18LF4423T-I/ML
PIC18LF442-I/ML
PIC18LF442T-I/ML
PIC18LF4431-I/ML
PIC18LF4431-I/MLC02
PIC18LF4431T-I/ML
PIC18LF4431T-I/MLC02
PIC18LF4439-I/ML
PIC18LF4439T-I/ML
PIC18LF4450-I/ML
PIC18LF4450T-I/ML
PIC18LF4455-I/ML
PIC18LF4455T-I/ML
PIC18LF4458-I/ML
PIC18LF4458T-I/ML
PIC18LF4480-I/ML
PIC18LF4480T-I/ML
PIC18LF44J10-I/ML
PIC18LF44J10T-I/ML
PIC18LF44J11-I/ML
PIC18LF44J11T-I/ML
PIC18LF44J50-I/ML
PIC18LF44J50T-I/ML
PIC18LF4510-I/ML
PIC18LF4510T-I/ML
PIC18LF4515-I/ML
PIC18LF4515T-I/ML
PIC18LF4520-I/ML
PIC18LF4520T-I/ML
PIC18LF4520T-I/MLC07
PIC18LF4523-I/ML
PIC18LF4523T-I/ML
PIC18LF4525-I/ML
PIC18LF4525T-I/ML
PIC18LF452-I/ML
PIC18LF452-I/MLC01
PIC18LF452T-I/ML
PIC18LF4539-I/ML
PIC18LF4539T-I/ML
PIC18LF4550-I/ML
PIC18LF4550-I/MLC04

PIC18LF4550T-I/ML
PIC18LF4550T-I/ML022
PIC18LF4553-I/ML
PIC18LF4553T-I/ML
PIC18LF4580-I/ML
PIC18LF4580T-I/ML
PIC18LF4585-I/ML
PIC18LF4585T-I/ML
PIC18LF45J10-I/ML
PIC18LF45J10T-I/ML
PIC18LF45J11-I/ML
PIC18LF45J11T-I/ML
PIC18LF45J50-I/ML
PIC18LF45J50T-I/ML
PIC18LF4610-I/ML
PIC18LF4610T-I/ML
PIC18LF4620-I/ML
PIC18LF4620-I/MLC04
PIC18LF4620T-I/ML
PIC18LF4680-I/ML
PIC18LF4680T-I/ML
PIC18LF4682-I/ML
PIC18LF4685-I/ML
PIC18LF4685T-I/ML
PIC18LF46J11-I/ML
PIC18LF46J11T-I/ML
PIC18LF46J50-I/ML
PIC18LF46J50T-I/ML
PIC24FJ16GA004-E/ML
PIC24FJ16GA004-I/ML
PIC24FJ16GA004-I/MLB4
PIC24FJ16GA004T-I/ML
PIC24FJ16GA004T-I/MLB4
PIC24FJ32GA004-E/ML
PIC24FJ32GA004-I/ML
PIC24FJ32GA004-I/MLB4
PIC24FJ32GA004T-I/ML
PIC24FJ48GA004-E/ML
PIC24FJ48GA004-I/ML
PIC24FJ48GA004T-I/ML
PIC24FJ64GA004-E/ML
PIC24FJ64GA004-I/ML
PIC24FJ64GA004-I/MLB4
PIC24FJ64GA004T-I/ML
PIC24HJ16GP304-E/ML
PIC24HJ16GP304-I/ML
PIC24HJ16GP304T-E/ML
PIC24HJ16GP304T-I/ML
PIC24HJ32GP204-E/ML
PIC24HJ32GP204-I/ML
PIC24HJ32GP204T-E/ML
PIC24HJ32GP204T-I/ML