

## Standard to IPC Lookup Table

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### Overview

The following table is a lookup guide between industry-standard package naming and the IPC-7351 naming convention as used in Ultiboard.

Ultiboard 11 introduces over 1500 new IPC-compliant surface mount technology (SMT) land patterns, which conform to all aspects of the IPC-7351 Generic Requirements for Surface Mount Design and Land Pattern Standard, including the naming convention. The following table is provided as a means to map standard JEDEC package dimensions to the corresponding IPC-7351 equivalents.

To read more about the new land patterns added in Ultiboard 11.0.1, consult the article [Prototype Faster with Over 1500 New Land Patterns in Ultiboard 11.0.1](http://zone.ni.com/devzone/cda/tut/p/id/12014). (<http://zone.ni.com/devzone/cda/tut/p/id/12014>)

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#### 1. IPC-Naming Convention

Beginning in Ultiboard 10, all new land patterns follow the IPC-7351 Naming Convention ([landpatterns.ipc.org/IPC-7351Table3-15September2005.pdf](http://landpatterns.ipc.org/IPC-7351Table3-15September2005.pdf)) as outlined by the IPC-7351 Generic Requirements for Surface Mount Design and Land Pattern Standard. For example, a small-outline integrated circuit (SOIC) package would follow the following format:

**SOIC127P** + Lead Span Nominal **X** Height - Pin Qty

#### 2. JEDEC to IPC Lookup Table

The following is a lookup table between JEDEC packages and the IPC equivalent within the Ultiboard database. Note: Package and land pattern dimensions should be verified before use. For package dimensions, consult the free PCB Matrix Land Pattern Viewer (SMN7351B library) which contain package data for all land patterns outlined in this article

JEDEC DO-214AA, SMB	DIOM5336X240N
JEDEC DO-214AA, SMB	DIOM5336X244N
JEDEC DO-214AA, SMB	DIOM5336X262N
JEDEC DO-214AA, SMB	DIOM5436X241N
JEDEC DO-214AA, SMB	DIOM5436X244N
JEDEC DO-214AA, SMB	DIOM5436X265N
JEDEC DO-214AA, SMB	DIOM5436X295N
JEDEC DO-214AA, SMB	DIOM5538X262N
JEDEC DO-214AB, SMC	DIOM7959X241N
JEDEC DO-214AB, SMC	DIOM7959X262N
JEDEC DO-214AB, SMC	DIOM7959X265N
JEDEC DO-214AB, SMC	DIOM7960X216N
JEDEC DO-214AC, SMA	DIOM5025X231N
JEDEC DO-214AC, SMA	DIOM5027X244N
JEDEC DO-214AC, SMA	DIOM5127X229N
JEDEC DO-214AC, SMA	DIOM5226X203N
JEDEC DO-214AC, SMA	DIOM5226X262N
JEDEC DO-214AC, SMA	DIOM5326X230N
JEDEC DO-214AC, SMA	DIOM5326X292N

JEDEC DO-214AC, SMA	DIOM5427X295N
JEDEC DO-214BA, SMA	DIOM5426X300N
JEDEC DO-215AB	SOD9959X241N
JEDEC MO-013AC	SOIC127P1028X265-20N
JEDEC MO-013AC	SOIC127P1032X265-20N
JEDEC MO-013AD	SOIC127P1032X265-24N
JEDEC MO-013AE	SOIC127P1038X265-28N
JEDEC MO-022BA	QFP100P1720X1720X220-52N
JEDEC MO-022GC-1	QFP65P1720X2320X340-100N
JEDEC MO-026	QFP40P1600X1600X120-129N
JEDEC MO-026	QFP40P900X900X120-65N
JEDEC MO-026	QFP50P1290X1290X120-64N
JEDEC MO-026	QFP50P1400X1400X120-81N
JEDEC MO-026	QFP50P2600X2600X160-177N
JEDEC MO-026	QFP50P3000X3000X160-209N
JEDEC MO-026	QFP65P1760X2360X310-100N
JEDEC MO-026	QFP80P1600X1600X145-64N
JEDEC MO-047AA	PLCC127P990X990X457-20N
JEDEC MO-047AB	PLCC127P1244X1244X457-28N
JEDEC MO-047AC	PLCC127P1752X1752X457-44N
JEDEC MO-047AD	PLCC127P2007X2007X508-52N
JEDEC MO-047AE	PLCC127P2514X2514X508-68N
JEDEC MO-047AF	PLCC127P3022X3022X508-84N
JEDEC MO-047AG	PLCC127P3530X3530X508-100N
JEDEC MO-047AH	PLCC127P4292X4292X508-124N
JEDEC MO-059AC	SOIC127P1194X253-28N
JEDEC MO-084AA	CQFP127P1727X1727X492-36N
JEDEC MO-084AB	CQFP127P1981X1981X492-44N
JEDEC MO-084AC	CQFP127P2235X2235X492-52N
JEDEC MO-084AD	CQFP127P2743X2743X492-68N
JEDEC MO-084AE	CQFP127P3251X3251X492-84N
JEDEC MO-084AF	CQFP127P3759X3759X492-100N
JEDEC MO-104AA	CQFP63P2743X2743X355-132N
JEDEC MO-108AA-1	QFP80P1320X1320X200-44N
JEDEC MO-108AC-1	QFP65P1320X1320X210-52BN
JEDEC MO-108BF-1	QFP65P1720X1720X340-80N
JEDEC MO-108CB-1	QFP80P1724X2324X315-80N
JEDEC MO-112AA-1	QFP80P1390X1390X245-44N
JEDEC MO-112AC-1	QFP65P1390X1390X245-52N
JEDEC MO-114AA	CQFP80P3120X3120X406-120N
JEDEC MO-114AB	CQFP80P3120X3120X406-128N

JEDEC MO-118, SOT371-1	SOP63P1025X280-56N
JEDEC MO-118AA	SOP63P1035X274-48N
JEDEC MO-118AA	SOP63P1035X279-48N
JEDEC MO-118AA, SOT370-1	SOP63P1025X280-48N
JEDEC MO-118AB	SOP63P1035X274-56N
JEDEC MO-118AB	SOP63P1035X279-56N
JEDEC MO-118AC	SOP63P1035X279-28N
JEDEC MO-118AD	SOP63P1035X279-64N
JEDEC MO-119AA	SOIC127P1047X264-24N
JEDEC MO-119AB	SOIC127P1047X264-28N
JEDEC MO-119AC	SOIC127P1047X264-32N
JEDEC MO-119AD	SOIC127P1047X264-36N
JEDEC MO-120AA	SOIC127P1199X264-24N
JEDEC MO-120AB	SOIC127P1199X264-28N
JEDEC MO-120AC	SOIC127P1199X264-32N
JEDEC MO-120AD	SOIC127P1199X264-36N
JEDEC MO-135	QFP80P900X900X160-32AN
JEDEC MO-136	QFP50P1600X1600X160-100AN
JEDEC MO-137AB	SOP63P600X160-20N
JEDEC MO-137AB	SOP63P600X175-16AN
JEDEC MO-137AB	SOP63P600X175-16N
JEDEC MO-137AB	SOP63P602X173-16N
JEDEC MO-137AD	SOP63P600X160-24N
JEDEC MO-137AD	SOP63P600X175-20AN
JEDEC MO-137AD	SOP63P600X175-20N
JEDEC MO-137AD	SOP63P602X173-20N
JEDEC MO-137AE	SOP63P600X160-28N
JEDEC MO-137AE	SOP63P600X175-24N
JEDEC MO-137AE	SOP63P602X173-24N
JEDEC MO-137AE	SOP65P1000X120-32N
JEDEC MO-137AF	SOP63P600X175-28N
JEDEC MO-137AF	SOP63P602X173-28N
JEDEC MO-142DD	SOP50P2000X120-48N
JEDEC MO-143CA	QFP50P1660X1660X210-100N
JEDEC MO-143FA-1	QFP50P3060X3060X360-208N
JEDEC MO-143GA	QFP50P3460X3460X410-240N
JEDEC MO-143JA	QFP50P4260X4260X423-304N
JEDEC MO-150	SOP65P775X200-14N
JEDEC MO-150	SOP65P775X200-16N
JEDEC MO-150	SOP65P775X200-20N
JEDEC MO-150	SOP65P775X200-24N

JEDEC MO-150	SOP65P775X200-28N
JEDEC MO-150	SOP65P778X199-14N
JEDEC MO-150	SOP65P778X199-16N
JEDEC MO-150	SOP65P778X199-20N
JEDEC MO-150	SOP65P778X199-24N
JEDEC MO-150	SOP65P778X199-28N
JEDEC MO-150AA	SOP65P780X200-8N
JEDEC MO-150AB	SOP65P780X200-14N
JEDEC MO-150AC	SOP65P780X200-16N
JEDEC MO-150AD	SOP65P780X200-18N
JEDEC MO-150AE	SOP65P780X200-20N
JEDEC MO-150AF	SOP65P780X200-22N
JEDEC MO-150AG	SOP65P780X200-24N
JEDEC MO-150AH	SOP65P780X200-28N
JEDEC MO-150AJ	SOP65P780X200-30N
JEDEC MO-150AK	SOP65P780X200-38N
JEDEC MO-152	SOP65P640X150-16N
JEDEC MO-152	SOP65P640X150-20N
JEDEC MO-153	SOP40P640X120-21N
JEDEC MO-153	SOP40P640X120-57N
JEDEC MO-153	SOP65P810X120-39AN
JEDEC MO-153	SOP65P810X120-39BN
JEDEC MO-153AA	SOP65P640X110-8N
JEDEC MO-153AA	SOP65P640X120-8N
JEDEC MO-153AAT	SOP65P640X120-9N
JEDEC MO-153AB	SOP65P640X110-14N
JEDEC MO-153AB	SOP65P640X110-17AN
JEDEC MO-153AB	SOP65P640X120-16N
JEDEC MO-153AB	SOP65P640X140-16N
JEDEC MO-153AB-1	SOP65P640X120-14N
JEDEC MO-153ABT	SOP65P638X110-21N
JEDEC MO-153ABT	SOP65P640X110-16N
JEDEC MO-153ABT	SOP65P640X110-17N
JEDEC MO-153ABT	SOP65P640X120-17AN
JEDEC MO-153ABT	SOP65P640X120-17N
JEDEC MO-153ABT-1	SOP65P638X110-17N
JEDEC MO-153ABT-1	SOP65P640X120-15N
JEDEC MO-153AC	SOP65P640X110-20N
JEDEC MO-153AC	SOP65P640X110-21AN
JEDEC MO-153AC	SOP65P640X120-20AN
JEDEC MO-153AC	SOP65P640X120-20N

JEDEC MO-153ACT	SOP65P638X110-29N
JEDEC MO-153ACT	SOP65P640X110-24N
JEDEC MO-153ACT	SOP65P640X120-21N
JEDEC MO-153AD	SOP65P640X110-25N
JEDEC MO-153AD	SOP65P640X120-24N
JEDEC MO-153ADT	SOP65P640X120-25N
JEDEC MO-153AE	SOP65P640X120-28N
JEDEC MO-153AET	SOP65P640X110-14AN
JEDEC MO-153AET	SOP65P640X110-29N
JEDEC MO-153AET	SOP65P640X120-29CN
JEDEC MO-153AET	SOP65P640X120-29N
JEDEC MO-153BA	SOP50P640X120-20N
JEDEC MO-153BAT	SOP50P640X120-21N
JEDEC MO-153BB	SOP50P640X120-24N
JEDEC MO-153BBT	SOP50P640X120-25N
JEDEC MO-153BC	SOP50P640X120-28N
JEDEC MO-153BC-1	SOP50P640X120-30N
JEDEC MO-153BCT	SOP50P640X120-29N
JEDEC MO-153BCT-1	SOP50P640X120-31N
JEDEC MO-153BD	SOP50P640X120-36N
JEDEC MO-153BD-1	SOP50P640X110-38N
JEDEC MO-153BD-1	SOP50P640X120-38N
JEDEC MO-153BDT	SOP50P640X120-37N
JEDEC MO-153BDT-1	SOP50P640X120-39N
JEDEC MO-153BE	SOP50P640X120-44N
JEDEC MO-153BET	SOP50P640X120-45N
JEDEC MO-153BF	SOP50P640X120-50N
JEDEC MO-153BFT	SOP50P640X120-51N
JEDEC MO-153CA	SOP40P640X120-24N
JEDEC MO-153CA	SOP40P640X127-24N
JEDEC MO-153CAT	SOP40P640X120-25N
JEDEC MO-153CB	SOP40P640X120-32N
JEDEC MO-153CBT	SOP40P640X120-33N
JEDEC MO-153CC	SOP40P640X120-36N
JEDEC MO-153CCT	SOP40P640X120-37N
JEDEC MO-153CD	SOP40P640X120-48N
JEDEC MO-153CD	SOP40P640X127-48N
JEDEC MO-153CDT	SOP40P640X120-49N
JEDEC MO-153DA	SOP65P810X120-24N
JEDEC MO-153DB	SOP65P810X120-28N
JEDEC MO-153DB-1	SOP65P810X120-30N

JEDEC MO-153DBT	SOP65P810X110-29N
JEDEC MO-153DBT	SOP65P810X120-29N
JEDEC MO-153DBT-1	SOP65P810X120-31N
JEDEC MO-153DC	SOP65P810X120-32N
JEDEC MO-153DCT	SOP65P810X120-33N
JEDEC MO-153DD	SOP65P810X120-36N
JEDEC MO-153DD-1	SOP65P810X120-38N
JEDEC MO-153DDT	SOP65P810X120-37N
JEDEC MO-153DDT-1	SOP65P810X120-39N
JEDEC MO-153DE	SOP65P810X120-40N
JEDEC MO-153DET	SOP65P810X120-41N
JEDEC MO-153EA	SOP50P810X120-28N
JEDEC MO-153EAT	SOP50P810X120-29N
JEDEC MO-153EB	SOP50P810X120-36N
JEDEC MO-153EBT	SOP50P810X120-37N
JEDEC MO-153EC	SOP50P810X120-40N
JEDEC MO-153EC-1	SOP50P810X120-44N
JEDEC MO-153ECT	SOP50P810X120-41N
JEDEC MO-153ECT-1	SOP50P810X120-45N
JEDEC MO-153ED	SOP50P810X120-48N
JEDEC MO-153EDT	SOP50P810X120-49N
JEDEC MO-153EE	SOP50P810X120-56N
JEDEC MO-153EET	SOP50P810X120-57N
JEDEC MO-153EF	SOP50P810X120-64N
JEDEC MO-153EFT	SOP50P810X110-65N
JEDEC MO-153EFT	SOP50P810X120-65N
JEDEC MO-153FA	SOP40P810X120-36N
JEDEC MO-153FAT	SOP40P810X120-37N
JEDEC MO-153FB	SOP40P810X120-48N
JEDEC MO-153FBT	SOP40P810X120-49N
JEDEC MO-153FC	SOP40P810X120-52N
JEDEC MO-153FCT	SOP40P810X120-53N
JEDEC MO-153FD	SOP40P810X120-56N
JEDEC MO-153FDT	SOP40P810X120-57N
JEDEC MO-153FE	SOP40P810X120-64N
JEDEC MO-153FET	SOP40P810X120-65N
JEDEC MO-153FF	SOP40P810X120-80N
JEDEC MO-153FFT	SOP40P810X120-81N
JEDEC MO-153GB	SOP65P1000X120-33N
JEDEC MO-153GBT	SOP65P1000X120-36N
JEDEC MO-153GC	SOP65P1000X120-37N

JEDEC MO-153GCT	SOP65P1000X120-40N
JEDEC MO-153GD	SOP65P1000X120-41N
JEDEC MO-153HA	SOP50P1000X120-36N
JEDEC MO-153HAT	SOP50P1000X120-37N
JEDEC MO-153HB	SOP50P1000X120-40N
JEDEC MO-153HBT	SOP50P1000X120-41N
JEDEC MO-153HC	SOP50P1000X120-48N
JEDEC MO-153HCT	SOP50P1000X120-49N
JEDEC MO-153HD	SOP50P1000X120-56N
JEDEC MO-153HDT	SOP50P1000X120-57N
JEDEC MO-153JA	SOP40P1000X120-48N
JEDEC MO-153JAT	SOP40P1000X120-49N
JEDEC MO-153JB	SOP40P1000X120-52N
JEDEC MO-153JBT	SOP40P1000X120-53N
JEDEC MO-153JC	SOP40P1000X120-56N
JEDEC MO-153JC-1	SOP40P1000X120-60N
JEDEC MO-153JCT	SOP40P1000X120-57N
JEDEC MO-153JCT-1	SOP40P1000X120-61N
JEDEC MO-153JD	SOP40P1000X120-64N
JEDEC MO-153JD-1	SOP40P1000X120-68N
JEDEC MO-153JDT	SOP40P1000X120-65N
JEDEC MO-153JDT-1	SOP40P1000X120-69N
JEDEC MO-154AB	SOP50P600X200-40N
JEDEC MO-154BB	SOP50P600X200-80N
JEDEC MO-166AA	SOIC127P1420X360-21N
JEDEC MO-166AB	SOIC127P1420X360-21AN
JEDEC MO-166AC	SOP100P1420X360-25N
JEDEC MO-166AD	SOP80P1420X360-31N
JEDEC MO-166AE	SOP65P1420X360-37N
JEDEC MO-166AF	SOP65P1420X360-45N
JEDEC MO-169	TO127P1524X465-8N
JEDEC MO-169	TO170P1524X465-6N
JEDEC MO-169	TO254P1524X465-4N
JEDEC MO-169AA	TO254P1410X464-4N
JEDEC MO-169AA	TO254P1420X465-4N
JEDEC MO-169AB	TO170P1410X464-6N
JEDEC MO-169AB	TO170P1420X465-6N
JEDEC MO-169AC	TO127P1410X464-8N
JEDEC MO-169AD	TO170P1600X465-12N
JEDEC MO-169AE	TO127P1600X465-16N
JEDEC MO-169BA	TO254P1055X205-4N

JEDEC MO-169BB	TO170P1055X205-6N
JEDEC MO-169BC	TO127P1055X205-8N
JEDEC MO-169BD	TO191P1117X205-10N
JEDEC MO-178	SOT95P280X115-6N
JEDEC MO-178	SOT95P280X135-5N
JEDEC MO-178AA	SOT95P280X145-5N
JEDEC MO-178AA, SOT23-5	SOT95P284X122-5N
JEDEC MO-178AB	SOT95P280X145-6AN
JEDEC MO-178AB	SOT95P280X145-6N
JEDEC MO-178AB, SOT23-6	SOT95P284X122-6N
JEDEC MO-178BA	SOT65P280X145-8AN
JEDEC MO-187AA	SOP65P490X110-8AN
JEDEC MO-187AA	SOP65P490X110-8N
JEDEC MO-187AA	SOP65P490X95-8N
JEDEC MO-187AA	SOP65P638X110-15N
JEDEC MO-187AAT	SOP65P490X110-9CN
JEDEC MO-187AA-T	SOP65P490X110-9N
JEDEC MO-187AA-T	SOP65P490X94-8N
JEDEC MO-187BA	SOP50P490X109-10N
JEDEC MO-187BA	SOP50P490X110-10AN
JEDEC MO-187BA	SOP50P490X110-10N
JEDEC MO-187BA	SOP50P490X95-10N
JEDEC MO-187BA-T	SOP50P490X110-11AN
JEDEC MO-187BA-T	SOP50P490X110-11N
JEDEC MO-187CA	SOP50P310X100-8N
JEDEC MO-187CA	SOP50P310X90-8N
JEDEC MO-187DA	SOP65P400X135-8N
JEDEC MO-187DA	SOP65P488X107-9N
JEDEC MO-193AA	SOT95P280X110-6N
JEDEC MO-193AA, SOT23-6	SOT95P285X90-6N
JEDEC MO-193AB	SOT95P280X110-5N
JEDEC MO-193BA	SOT65P275X110-8N
JEDEC MO-193BA	SOT65P280X145-8N
JEDEC MO-194AF	SOP40P640X120-56N
JEDEC MO-203AA, SOT353	SOT65P210X110-5N
JEDEC MO-203AB, SOT363	SOT65P210X110-6N
JEDEC MO-203BA	SOT50P210X110-8N
JEDEC MO-208ECEA-1	PQFN50P350X450X114-24N
JEDEC MO-220	QFN40P400X400X80-29N
JEDEC MO-220	QFN40P500X500X80-41N
JEDEC MO-220	QFN40P600X600X80-49N



JEDEC MO-220	QFN40P700X700X80-57N
JEDEC MO-220	QFN50P1000X1000X100-69AN
JEDEC MO-220	QFN50P1000X1000X100-69BN
JEDEC MO-220	QFN50P1000X1000X100-69N
JEDEC MO-220	QFN50P300X300X100-13N
JEDEC MO-220	QFN50P300X300X100-17AN
JEDEC MO-220	QFN50P300X300X80-13N
JEDEC MO-220	QFN50P300X300X80-17N
JEDEC MO-220	QFN50P400X400X100-21AN
JEDEC MO-220	QFN50P400X400X100-25N
JEDEC MO-220	QFN50P400X400X80-21N
JEDEC MO-220	QFN50P400X400X80-25AN
JEDEC MO-220	QFN50P500X500X100-29AN
JEDEC MO-220	QFN50P500X500X100-33AN
JEDEC MO-220	QFN50P500X500X100-33N
JEDEC MO-220	QFN50P500X500X80-29N
JEDEC MO-220	QFN50P500X500X80-33N
JEDEC MO-220	QFN50P500X700X80-39AN
JEDEC MO-220	QFN50P600X600X100-37AN
JEDEC MO-220	QFN50P600X600X100-41N
JEDEC MO-220	QFN50P600X600X80-37N
JEDEC MO-220	QFN50P600X600X80-41N
JEDEC MO-220	QFN50P700X700X100-45N
JEDEC MO-220	QFN50P700X700X100-49AN
JEDEC MO-220	QFN50P700X700X100-49BN
JEDEC MO-220	QFN50P700X700X80-45N
JEDEC MO-220	QFN50P700X700X80-49N
JEDEC MO-220	QFN50P800X600X80-49N
JEDEC MO-220	QFN50P800X800X100-53N
JEDEC MO-220	QFN50P800X800X100-57BN
JEDEC MO-220	QFN50P800X800X80-57N
JEDEC MO-220	QFN65P400X400X100-17BN
JEDEC MO-220	QFN65P400X400X80-17N
JEDEC MO-220	QFN65P500X500X100-21AN
JEDEC MO-220	QFN65P500X500X80-21N
JEDEC MO-220	QFN65P700X700X100-33N
JEDEC MO-220	QFN65P700X700X80-33N
JEDEC MO-220	QFN80P400X400X100-13N
JEDEC MO-220	QFN80P400X400X80-13N
JEDEC MO-220	QFN80P500X500X100-17N
JEDEC MO-220	QFN80P500X500X80-17N

JEDEC MO-220VCCD	QFN50P200X200X100-9VN
JEDEC MO-220VEEB	QFN0P300X300X100-5VN
JEDEC MO-220VEEC	QFN65P300X300X100-9VN
JEDEC MO-220VEEC-1	QFN65P300X300X100-13V1N
JEDEC MO-220VEEC-2	QFN65P300X300X100-9V2N
JEDEC MO-220VEEC-3	QFN65P300X300X100-9V3N
JEDEC MO-220VEED-1	QFN50P300X300X100-13V1N
JEDEC MO-220VEED-2	QFN50P300X300X100-17CN
JEDEC MO-220VEED-2	QFN50P300X300X100-17V2N
JEDEC MO-220VEED-3	QFN50P300X300X100-13V3N
JEDEC MO-220VEED-4	QFN50P300X300X100-17V4N
JEDEC MO-220VEED-5	QFN50P300X300X100-13V5N
JEDEC MO-220VEED-6	QFN50P300X300X100-17V6N
JEDEC MO-220VEED-7	QFN50P300X300X100-17V7N
JEDEC MO-220VFFD	QFN50P350X350X100-21VN
JEDEC MO-220VFSD	QFN50P350X450X100-25VN
JEDEC MO-220VGEB	QFN80P400X300X100-9VN
JEDEC MO-220VGEC	QFN65P400X300X100-13VN
JEDEC MO-220VGED	QFN50P400X300X100-17VN
JEDEC MO-220VGGB	QFN80P400X400X100-13VN
JEDEC MO-220VGGC	QFN65P400X400X100-17VN
JEDEC MO-220VGGC-1	QFN65P400X400X100-13V1N
JEDEC MO-220VGGC-2	QFN65P400X400X100-17V2N
JEDEC MO-220VGGC-3	QFN65P400X400X100-17V3N
JEDEC MO-220VGGD-1	QFN50P400X400X100-21V1N
JEDEC MO-220VGGD-2	PQFN50P400X400X100-25N
JEDEC MO-220VGGD-2	QFN50P400X400X100-25V2N
JEDEC MO-220VGGD-5	QFN50P400X400X100-21V5N
JEDEC MO-220VGGD-6	QFN50P400X400X100-25V6N
JEDEC MO-220VGGD-7	QFN50P400X400X100-29V7N
JEDEC MO-220VGGD-8	QFN50P400X400X100-25V8N
JEDEC MO-220VGGD-9	QFN50P400X400X100-25V9N
JEDEC MO-220VGHD	QFN50P400X500X100-29VN
JEDEC MO-220VGHD-1	QFN50P400X500X100-25V1N
JEDEC MO-220VGHD-2	QFN50P400X500X100-25V2N
JEDEC MO-220VGHD-3	QFN50P400X500X100-29V3N
JEDEC MO-220VHGB	QFN80P500X400X100-15VN
JEDEC MO-220VHGC	QFN65P500X400X100-19VN
JEDEC MO-220VHGD	QFN50P500X400X100-25VN
JEDEC MO-220VHHB	QFN80P500X500X100-17VN
JEDEC MO-220VHHC	QFN65P500X500X100-21VN

JEDEC MO-220VHHC-1	QFN65P500X500X100-25V1N
JEDEC MO-220VHHC-2	QFN65P500X500X100-21V2N
JEDEC MO-220VHHD-1	QFN50P500X500X100-29V1N
JEDEC MO-220VHHD-2	QFN50P500X500X100-33V2N
JEDEC MO-220VHHD-3	QFN50P500X500X100-29V3N
JEDEC MO-220VHHD-4	PQFN50P500X500X100-33N
JEDEC MO-220VHHD-4	QFN50P500X500X100-33V4N
JEDEC MO-220VHHD-5	QFN50P500X500X100-33V5N
JEDEC MO-220VHHD-6	QFN50P500X500X100-33V6N
JEDEC MO-220VHJC	QFN65P500X600X100-23VN
JEDEC MO-220VHKD	QFN50P500X700X100-39VN
JEDEC MO-220VHKD-1	QFN50P500X700X100-39V1N
JEDEC MO-220VJHB	QFN80P600X500X100-19VN
JEDEC MO-220VJHC	QFN65P600X500X100-23VN
JEDEC MO-220VJHD	QFN50P600X500X100-33VN
JEDEC MO-220VJJC	QFN65P600X600X100-29VN
JEDEC MO-220VJJC-1	QFN65P600X600X100-25V1N
JEDEC MO-220VJJC-2	QFN65P600X600X100-33V2N
JEDEC MO-220VJJC-3	QFN65P600X600X100-29V3N
JEDEC MO-220VJJD-1	QFN50P600X600X100-37V1N
JEDEC MO-220VJJD-2	PQFN50P600X600X100-41N
JEDEC MO-220VJJD-2	QFN50P600X600X100-41V2N
JEDEC MO-220VJJD-4	QFN50P600X600X100-37V4N
JEDEC MO-220VJJD-5	QFN50P600X600X100-41V5N
JEDEC MO-220VJJD-6	QFN50P600X600X100-41V6N
JEDEC MO-220VKHD	QFN50P700X500X100-39VN
JEDEC MO-220VKKB	QFN80P700X700X100-29VN
JEDEC MO-220VKKC	QFN65P700X700X100-33VN
JEDEC MO-220VKKC-1	QFN65P700X700X100-37V1N
JEDEC MO-220VKKC-2	QFN65P700X700X100-33V2N
JEDEC MO-220VKKD	QFN50P700X700X100-41VN
JEDEC MO-220VKKD-1	QFN50P700X700X100-45V1N
JEDEC MO-220VKKD-2	PQFN50P700X700X100-49N
JEDEC MO-220VKKD-2	QFN50P700X700X100-29V2N
JEDEC MO-220VKKD-2	QFN50P700X700X100-49CN
JEDEC MO-220VKKD-3	QFN50P700X700X100-45V3N
JEDEC MO-220VKKD-4	QFN50P700X700X100-49V4N
JEDEC MO-220VKKD-6	QFN50P700X700X100-49V6N
JEDEC MO-220VKKD-8	QFN50P700X700X90-49VKKD8N
JEDEC MO-220VLLB	QFN80P800X800X100-33VN
JEDEC MO-220VLLC	QFN65P800X800X100-41VN

JEDEC MO-220VLLC-1	QFN65P800X800X100-37V1N
JEDEC MO-220VLLC-2	QFN65P800X800X100-45V2N
JEDEC MO-220VLLC-3	QFN65P800X800X100-41V3N
JEDEC MO-220VLLD	QFN50P800X800X100-49VN
JEDEC MO-220VLLD-1	QFN50P800X800X100-53V1N
JEDEC MO-220VLLD-2	QFN50P800X800X100-57V2N
JEDEC MO-220VLLD-4	QFN50P800X800X100-53V4N
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JEDEC MO-220VLLD-6	QFN50P800X800X100-57V6N
JEDEC MO-220VMC	QFN65P900X900X100-49VN
JEDEC MO-220VMC-1	QFN65P900X900X100-45V1N
JEDEC MO-220VMMD	QFN50P900X900X100-65AN
JEDEC MO-220VMMD	QFN50P900X900X100-65BN
JEDEC MO-220VMMD	QFN50P900X900X100-65VN
JEDEC MO-220VMMD-1	QFN50P900X900X100-61V1N
JEDEC MO-220VMMD-2	QFN50P900X900X100-57V2N
JEDEC MO-220VMMD-3	QFN50P900X900X100-65N
JEDEC MO-220VMMD-3	QFN50P900X900X100-65V3N
JEDEC MO-220VMMD-4	QFN50P900X900X100-65CN
JEDEC MO-220VNND-1	QFN50P1000X1000X100-65V1N
JEDEC MO-220VNND-2	QFN50P1000X1000X100-69V2N
JEDEC MO-220VNND-3	QFN50P1000X1000X100-73V3N
JEDEC MO-220VRRD	QFN50P1200X1200X100-81VN
JEDEC MO-220VSTD	QFN50P450X550X100-33VN
JEDEC MO-220VSUD	QFN50P450X650X100-37VN
JEDEC MO-220VTUD	QFN50P550X650X100-41VN
JEDEC MO-220WCCD	QFN50P200X200X80-9WN
JEDEC MO-220WEEB	QFN0P300X300X80-5WN
JEDEC MO-220WEEC	QFN65P300X300X80-9WN
JEDEC MO-220WEEC-1	QFN65P300X300X80-13W1N
JEDEC MO-220WEEC-2	QFN65P300X300X80-9W2N
JEDEC MO-220WEEC-3	QFN65P300X300X80-9W3N
JEDEC MO-220WEED-1	QFN50P300X300X80-13W1N
JEDEC MO-220WEED-2	QFN50P300X300X80-17AN
JEDEC MO-220WEED-2	QFN50P300X300X80-17W2N
JEDEC MO-220WEED-2	QFN50P300X300X80-17WEED2N
JEDEC MO-220WEED-3	QFN50P300X300X80-13W3N
JEDEC MO-220WEED-4	QFN50P300X300X80-17W4N
JEDEC MO-220WEED-7	QFN50P300X300X80-17W7N
JEDEC MO-220WFFD-1	QFN50P350X350X80-21W1N
JEDEC MO-220WFSD	QFN50P350X450X80-25WN

JEDEC MO-220WGEB	QFN80P400X300X80-9WN
JEDEC MO-220WGEC	QFN65P400X300X80-13WN
JEDEC MO-220WGED	QFN50P400X300X80-17WN
JEDEC MO-220WGGB	QFN80P400X400X80-13WN
JEDEC MO-220WGGB-1	QFN80P400X400X80-15W1N
JEDEC MO-220WGGC	QFN65P400X400X80-17BN
JEDEC MO-220WGGC	QFN65P400X400X80-17WN
JEDEC MO-220WGGC-1	QFN65P400X400X80-13W1N
JEDEC MO-220WGGC-2	QFN65P400X400X80-17W2N
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JEDEC MO-220WGGD-1	QFN50P400X400X80-21W1N
JEDEC MO-220WGGD-2	QFN50P400X400X80-25W2N
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JEDEC MO-220WGGD-6	QFN50P400X400X80-25W6N
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JEDEC MO-220WGGD-9	QFN50P400X400X80-25W9N
JEDEC MO-220WGGD-X	QFN50P400X400X80-25N
JEDEC MO-220WGHB	QFN80P400X500X80-11WN
JEDEC MO-220WGHD	QFN50P400X500X80-29WN
JEDEC MO-220WGHD-1	QFN50P400X500X80-25W1N
JEDEC MO-220WGHD-3	QFN50P400X500X80-29W3N
JEDEC MO-220WHGB	QFN80P500X400X80-15WN
JEDEC MO-220WHGB-1	QFN80P500X400X80-17W1N
JEDEC MO-220WHGC	QFN65P500X400X80-19WN
JEDEC MO-220WHGD	QFN50P500X400X80-25WN
JEDEC MO-220WHHB	QFN80P500X500X80-17WN
JEDEC MO-220WHHB-1	QFN80P500X500X80-19W1N
JEDEC MO-220WHHC	QFN65P500X500X80-21WN
JEDEC MO-220WHHC	QFN65P500X500X80-25N
JEDEC MO-220WHHC-1	QFN65P500X500X80-25W1N
JEDEC MO-220WHHC-2	QFN65P500X500X80-21W2N
JEDEC MO-220WHHD-1	QFN50P500X500X80-29W1N
JEDEC MO-220WHHD-2	QFN50P500X500X80-33W2N
JEDEC MO-220WHHD-3	QFN50P500X500X80-29W3N
JEDEC MO-220WHHD-4	QFN50P500X500X80-33W4N
JEDEC MO-220WHHD-5	QFN50P500X500X80-33W5N
JEDEC MO-220WHHD-6	QFN50P500X500X80-33W6N

JEDEC MO-220WHHD-X	QFN50P500X500X80-33AN
JEDEC MO-220WHJC	QFN65P500X600X80-23WN
JEDEC MO-220WHJD	QFN50P500X600X80-33WN
JEDEC MO-220WHKD	QFN50P500X700X80-39N
JEDEC MO-220WHKD	QFN50P500X700X80-39WN
JEDEC MO-220WHKD-1	QFN50P500X700X80-39W1N
JEDEC MO-220WJHB	QFN80P600X500X80-19WN
JEDEC MO-220WJHB-1	QFN80P600X500X80-21W1N
JEDEC MO-220WJHC	QFN65P600X500X80-23WN
JEDEC MO-220WJHD	QFN50P600X500X80-33WN
JEDEC MO-220WJJB	QFN80P600X600X80-21WN
JEDEC MO-220WJJB-1	QFN80P600X600X80-25W1N
JEDEC MO-220WJJB-2	QFN80P600X600X80-25W2N
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JEDEC MO-220WJJC-2	QFN65P600X600X80-33W2N
JEDEC MO-220WJJC-3	QFN65P600X600X80-29W3N
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JEDEC MO-220WJJD-2	QFN50P600X600X80-41W2N
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JEDEC MO-220WJJD-4	QFN50P600X600X80-37W4N
JEDEC MO-220WJJD-5	QFN50P600X600X80-41W5N
JEDEC MO-220WJJD-6	QFN50P600X600X80-41W6N
JEDEC MO-220WJJD-7	QFN50P600X600X80-33W7N
JEDEC MO-220WKHD	QFN50P700X500X80-39WN
JEDEC MO-220WKKB	QFN80P700X700X80-29WN
JEDEC MO-220WKKC	QFN65P700X700X80-33WN
JEDEC MO-220WKKC-1	QFN65P700X700X80-37W1N
JEDEC MO-220WKKC-2	QFN65P700X700X80-33W2N
JEDEC MO-220WKKD	QFN50P700X700X80-41WN
JEDEC MO-220WKKD-1	QFN50P700X700X80-45W1N
JEDEC MO-220WKKD-2	QFN50P700X700X80-49AN
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JEDEC MO-220WKKD-4	QFN50P700X700X80-49W4N
JEDEC MO-220WKKD-5	QFN50P700X700X80-45W5N
JEDEC MO-220WKKD-6	QFN50P700X700X80-49W6N
JEDEC MO-220WKKD-7	QFN50P700X700X80-45W7N
JEDEC MO-220WKKD-8	QFN50P700X700X80-49W8N
JEDEC MO-220WLLB	QFN80P800X800X80-33WN
JEDEC MO-220WLLB-1	QFN80P800X800X80-29W1N

JEDEC MO-220WLLC	QFN65P800X800X80-41WN
JEDEC MO-220WLLC-1	QFN65P800X800X80-37W1N
JEDEC MO-220WLLC-2	QFN65P800X800X80-45W2N
JEDEC MO-220WLLC-3	QFN65P800X800X80-41W3N
JEDEC MO-220WLLD	QFN50P800X800X80-49WN
JEDEC MO-220WLLD-1	QFN50P800X800X80-53W1N
JEDEC MO-220WLLD-2	QFN50P800X800X80-57W2N
JEDEC MO-220WLLD-3	QFN50P800X800X80-49W3N
JEDEC MO-220WLLD-4	QFN50P800X800X80-53W4N
JEDEC MO-220WLLD-5	QFN50P800X800X80-57W5N
JEDEC MO-220WLLD-6	QFN50P800X800X80-57W6N
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JEDEC MO-220WMMC	QFN65P900X900X80-49WN
JEDEC MO-220WMMC-1	QFN65P900X900X80-45W1N
JEDEC MO-220WMMD	QFN50P900X900X80-65WN
JEDEC MO-220WMMD-1	QFN50P900X900X80-61W1N
JEDEC MO-220WMMD-2	QFN50P900X900X80-57W2N
JEDEC MO-220WMMD-3	QFN50P900X900X80-65W3N
JEDEC MO-220WNJR-5	QFN50P900X900X80-65AN
JEDEC MO-220WNND-1	QFN50P1000X1000X80-65W1N
JEDEC MO-220WNND-2	QFN50P1000X1000X80-69W2N
JEDEC MO-220WNND-3	QFN50P1000X1000X80-73W3N
JEDEC MO-220WRRD	QFN50P1200X1200X80-81WN
JEDEC MO-220WSTD-1	QFN50P450X550X80-33W1N
JEDEC MO-220WSUD-1	QFN50P450X650X80-37W1N
JEDEC MO-220WTUD-1	QFN50P550X650X80-41W1N
JEDEC MO-220WXXX-X	QFN50P400X500X80-21N
JEDEC MO-220WXXX-X	QFN50P400X500X80-25N
JEDEC MO-229	SON50P300X200X80-7N
JEDEC MO-229	SON50P300X300X100-11N
JEDEC MO-229	SON50P300X300X100-9N
JEDEC MO-229	SON80P400X400X100-9N
JEDEC MO-229VCCC	SON65P200X200X100-7N
JEDEC MO-229VCCD-3	SON50P200X200X100-9N
JEDEC MO-229VEEA	SON95P300X300X100-7N
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JEDEC MO-229WECD-1	SON50P200X300X80-11WECD1N
JEDEC MO-229WECD-1	SON50P200X300X80-9WECD1N
JEDEC MO-229WEEA	SON95P300X300X80-7AN
JEDEC MO-229WEEA	SON95P300X310X80-7WEEAN
JEDEC MO-229WEEC	SON65P300X300X80-9WEECN

JEDEC MO-229WEED-1	SON50P300X300X80-9WEED1N
JEDEC MO-229WEED-2	SON50P300X300X80-11WEED2N
JEDEC MO-229WEED-3	SON50P300X300X80-11WEED3N
JEDEC MO-229WGED	SON50P300X400X80-13WGEDN
JEDEC MO-229WGED-3	SON50P300X400X80-15WGED3N
JEDEC MO-229WJED-1	SON50P300X500X80-17WJED1N
JEDEC MO-229WJGD-2	SON50P400X500X80-17WJGD2N
JEDEC MO-229WJJD-1	SON50P500X500X80-17WJJD1N
JEDEC MO-248XEED-1	QFN50P300X300X50-17N
JEDEC MO-252	PSON50P100X150X50-6N
JEDEC MO-252	PSON50P100X200X50-8N
JEDEC MO-255UAAD	PQFN50P160X160X55-8N
JEDEC MO-255UABD	PQFN50P160X210X55-10N
JEDEC MO-65AB	SOJ127P866X375-26N
JEDEC MO-77AC	SOJ127P866X375-32N
JEDEC MO-88AA	SOJ127P866X356-14N
JEDEC MO-88AB	SOJ127P866X356-16N
JEDEC MO-88AC	SOJ127P866X356-18N
JEDEC MO-88AD	SOJ127P866X356-20N
JEDEC MO-88AF	SOJ127P866X356-24N
JEDEC MS-012	SOIC127P600X165-16N
JEDEC MS-012	SOIC127P600X173-14N
JEDEC MS-012	SOIC127P600X173-8N
JEDEC MS-012	SOIC127P600X175-14AN
JEDEC MS-012	SOIC127P600X175-8AN
JEDEC MS-012AA	SOIC127P600X175-8N
JEDEC MS-012AA	SOIC127P600X175-9AN
JEDEC MS-012AA	SOIC127P600X175-9BN
JEDEC MS-012AA	SOIC127P602X147-9AN
JEDEC MS-012AA	SOIC127P602X147-9BN
JEDEC MS-012AA	SOIC127P602X147-9N
JEDEC MS-012AB	SOIC127P600X145-14N
JEDEC MS-012AB	SOIC127P600X175-14N
JEDEC MS-012AC	SOIC127P600X150-16N
JEDEC MS-012AC	SOIC127P600X175-16AN
JEDEC MS-012AC	SOIC127P600X175-16N
JEDEC MS-012AC	SOIC127P600X175-17N
JEDEC MS-013	SOIC127P1032X265-16AN
JEDEC MS-013AA	SOIC127P1030X265-16N
JEDEC MS-013AB	SOIC127P1030X265-18N
JEDEC MS-013AB	SOIC127P1032X265-18N



JEDEC MS-013AC	SOIC127P1030X265-20N
JEDEC MS-013AC	SOIC127P1032X265-20AN
JEDEC MS-013AC	SOIC127P1032X265-21N
JEDEC MS-013AC	SOIC127P1042X355-20N
JEDEC MS-013AD	SOIC127P1030X265-24N
JEDEC MS-013AD	SOIC127P1032X265-24AN
JEDEC MS-013AE	SOIC127P1030X265-28N
JEDEC MS-013AE	SOIC127P1030X265-29N
JEDEC MS-013AE	SOIC127P1032X265-28N
JEDEC MS-013AE	SOIC127P1034X264-28N
JEDEC MS-013AF	SOIC127P1030X265-14N
JEDEC MS-013AF	SOIC127P1032X265-14AN
JEDEC MS-016AA	PLCC127P818X1174X357-18N
JEDEC MS-016AB	PLCC127P832X1340X357-18N
JEDEC MS-016AC	PLCC127P832X1340X357-22N
JEDEC MS-016AD	PLCC127P990X1498X357-28N
JEDEC MS-016AE	PLCC127P1244X1498X357-32N
JEDEC MS-022	QFP50P900X900X120-49N
JEDEC MS-022	QFP65P1320X1320X245-52AN
JEDEC MS-022	QFP65P1720X2320X340-100AN
JEDEC MS-022	QFP65P3120X3120X410-144N
JEDEC MS-022	QFP65P3120X3120X410-160N
JEDEC MS-022AB	QFP80P1320X1320X220-44N
JEDEC MS-022AB	QFP80P1320X1320X235-44N
JEDEC MS-022AB	QFP80P1320X1320X245-44N
JEDEC MS-022BA	QFP100P1720X1720X210-44N
JEDEC MS-022BB	QFP80P1720X1720X220-64N
JEDEC MS-022BC	QFP65P1720X1720X220-80N
JEDEC MS-022BD	QFP100P1720X1720X300-52AN
JEDEC MS-022BD	QFP100P1720X1720X300-52N
JEDEC MS-022BE	QFP80P1720X1720X300-64N
JEDEC MS-022BF	QFP65P1720X1720X300-80N
JEDEC MS-022DA-1	QFP80P3120X3120X360-120N
JEDEC MS-022DC-1	QFP65P3120X3120X360-144N
JEDEC MS-022DC-1	QFP65P3120X3120X375-144N
JEDEC MS-022DD-1	QFP65P3120X3120X360-160N
JEDEC MS-022DD-1	QFP65P3120X3120X375-160N
JEDEC MS-022DD-1	QFP65P3120X3120X410-161AN
JEDEC MS-022GB-1	QFP80P1720X2320X290-80N
JEDEC MS-022GC-1	QFP65P1720X2320X290-100N
JEDEC MS-022GC-1	QFP65P1720X2320X340-101N

JEDEC MS-024AC	SOP80P1176X120-44N
JEDEC MS-026	QFP40P1600X1600X120-121N
JEDEC MS-026	QFP50P1200X1200X100-65N
JEDEC MS-026	QFP50P1200X1200X120-65N
JEDEC MS-026	QFP50P1400X1400X120-81BN
JEDEC MS-026	QFP65P600X600X120-20N
JEDEC MS-026	QFP80P1200X1200X120-44BN
JEDEC MS-026	QFP80P1200X1200X145-44N
JEDEC MS-026AAA	QFP50P700X700X120-32N
JEDEC MS-026AAA-HD	QFP50P700X700X120-33N
JEDEC MS-026AAB	QFP40P700X700X120-40N
JEDEC MS-026AAB	QFP65P900X900X160-40N
JEDEC MS-026ABA	QFP80P900X900X120-33AN
JEDEC MS-026ABA	QFP80P900X900X120-33N
JEDEC MS-026ABA	QFP80P900X900X145-32N
JEDEC MS-026ABC	QFP50P900X900X120-48N
JEDEC MS-026ABC	QFP50P900X900X120-49BN
JEDEC MS-026ABC-HD	QFP50P900X900X120-49AN
JEDEC MS-026ABD	QFP40P900X900X120-64N
JEDEC MS-026ACA	QFP100P1200X1200X160-36N
JEDEC MS-026ACB	QFP80P1200X1200X120-45N
JEDEC MS-026ACC	QFP65P1200X1200X120-53N
JEDEC MS-026ACC	QFP65P1200X1200X145-52N
JEDEC MS-026ACD	QFP50P1200X1200X120-64N
JEDEC MS-026ACD	QFP50P1200X1200X120-65BN
JEDEC MS-026ACD-HD	QFP50P1200X1200X120-65CN
JEDEC MS-026ACE	QFP40P1200X1200X120-80N
JEDEC MS-026ADA	QFP100P1400X1400X160-44N
JEDEC MS-026ADB	QFP80P1400X1400X160-52N
JEDEC MS-026ADC	QFP65P1400X1400X160-64N
JEDEC MS-026ADD	QFP50P1400X1400X120-80N
JEDEC MS-026ADE	QFP40P1400X1400X120-100N
JEDEC MS-026AEA	QFP100P1600X1600X160-44N
JEDEC MS-026AEB	QFP80P1600X1600X120-65N
JEDEC MS-026AEC	QFP65P1600X1600X120-81N
JEDEC MS-026AED	QFP50P1600X1600X120-100N
JEDEC MS-026AED-HD	QFP50P1600X1600X120-101BN
JEDEC MS-026AED-HD	QFP50P1600X1600X120-101CN
JEDEC MS-026AED-HD	QFP50P1600X1600X120-101N
JEDEC MS-026AEE	QFP40P1600X1600X120-120N
JEDEC MS-026AFA	QFP65P2200X2200X160-112N

JEDEC MS-026AFB	QFP50P2200X2200X120-144N
JEDEC MS-026AFC	QFP40P2200X2200X120-176N
JEDEC MS-026AGA	QFP50P2600X2600X120-176N
JEDEC MS-026AGB	QFP40P2600X2600X120-216N
JEDEC MS-026AHA	QFP65P1600X2200X160-100N
JEDEC MS-026AHB	QFP50P2200X2200X120-128N
JEDEC MS-026AKA	QFP65P600X600X160-20N
JEDEC MS-026AKB	QFP50P600X600X120-24N
JEDEC MS-026AKC	QFP40P600X600X120-32N
JEDEC MS-026BAA	QFP50P700X700X160-32N
JEDEC MS-026BAB	QFP40P700X700X160-40N
JEDEC MS-026BBA	QFP80P900X900X160-32BN
JEDEC MS-026BBA	QFP80P900X900X160-32N
JEDEC MS-026BBB	QFP80P1200X1200X120-44AN
JEDEC MS-026BBC	QFP50P900X900X145-48N
JEDEC MS-026BBC	QFP50P900X900X160-48N
JEDEC MS-026BBD	QFP40P900X900X160-64N
JEDEC MS-026BCA	QFP100P1400X1400X120-44N
JEDEC MS-026BCB	QFP80P1200X1200X160-44N
JEDEC MS-026BCB	QFP80P1400X1400X120-52N
JEDEC MS-026BCC	QFP65P1200X1200X160-52AN
JEDEC MS-026BCC	QFP65P1400X1400X120-64N
JEDEC MS-026BCD	QFP50P1200X1200X140-65N
JEDEC MS-026BCD	QFP50P1200X1200X145-64N
JEDEC MS-026BCD	QFP50P1200X1200X160-64N
JEDEC MS-026BCD-HD	QFP50P1200X1200X160-65N
JEDEC MS-026BCE	QFP40P1200X1200X160-80N
JEDEC MS-026BDA	QFP100P1600X1600X120-52N
JEDEC MS-026BDB	QFP80P1600X1600X120-64AN
JEDEC MS-026BDC	QFP65P1600X1600X120-80N
JEDEC MS-026BDD	QFP50P1400X1400X140-80N
JEDEC MS-026BDD	QFP50P1400X1400X160-80N
JEDEC MS-026BDE	QFP40P1400X1400X160-100N
JEDEC MS-026BEA	QFP100P1600X1600X160-52N
JEDEC MS-026BEA	QFP65P1200X1200X120-52N
JEDEC MS-026BEB	QFP80P900X900X120-32N
JEDEC MS-026BEC	QFP65P1600X1600X160-80N
JEDEC MS-026BEC	QFP65P1600X2200X120-100N
JEDEC MS-026BED	QFP50P1600X1600X145-100N
JEDEC MS-026BED	QFP50P1600X1600X160-100N
JEDEC MS-026BED	QFP50P1600X1600X160-101N

JEDEC MS-026BEE	QFP40P1600X1600X160-120N
JEDEC MS-026BFB	QFP50P2200X2200X140-129N
JEDEC MS-026BFB	QFP50P2200X2200X145-144N
JEDEC MS-026BFB	QFP50P2200X2200X160-145N
JEDEC MS-026BFC	QFP40P2200X2200X160-176N
JEDEC MS-026BGA	QFP50P2600X2600X145-160N
JEDEC MS-026BGA	QFP50P2600X2600X145-176N
JEDEC MS-026BGA	QFP50P2600X2600X160-176N
JEDEC MS-026BGA-HD	QFP50P2600X2600X140-177AN
JEDEC MS-026BGA-HD	QFP50P2600X2600X140-177BN
JEDEC MS-026BGA-HD	QFP50P2600X2600X140-177N
JEDEC MS-026BGB	QFP40P2600X2600X160-216N
JEDEC MS-026BGB-HD	QFP40P2600X2600X140-217N
JEDEC MS-026BHA	QFP65P2200X2200X120-112N
JEDEC MS-026BHB	QFP50P1600X2200X160-128N
JEDEC MS-026BJA	QFP65P3000X3000X145-160N
JEDEC MS-026BJA	QFP65P3000X3000X160-160N
JEDEC MS-026BJB	QFP50P3000X3000X145-208N
JEDEC MS-026BJB	QFP50P3000X3000X160-208N
JEDEC MS-026BJC	QFP40P3000X3000X145-256N
JEDEC MS-026BJC	QFP40P3000X3000X160-256N
JEDEC MS-026BJC-HD	QFP40P3002X3002X140-257N
JEDEC MS-026BKA	QFP65P900X900X120-40N
JEDEC MS-026BKB	QFP50P600X600X160-24N
JEDEC MS-026BKC	QFP40P600X600X160-32N
JEDEC MS-027	SOJ127P1118X368-40N
JEDEC MS-027	SOJ127P1118X376-40N
JEDEC MS-027AA	SOJ127P1118X375-28N
JEDEC MS-027AC	SOJ127P1118X375-32N
JEDEC MS-027AD	SOJ127P1118X375-34N
JEDEC MS-027AE	SOJ127P1118X375-36N
JEDEC MS-027AF	SOJ127P1118X375-40N
JEDEC MS-027AG	SOJ127P1118X375-42N
JEDEC MS-027AH	SOJ127P1118X375-44N
JEDEC MS-029AA	QFP50P1260X1260X245-64N
JEDEC MS-029AB	QFP40P1260X1260X245-80N
JEDEC MS-029BA	QFP50P1460X1460X245-80N
JEDEC MS-029BB	QFP50P1460X1460X315-80N
JEDEC MS-029BC	QFP40P1460X1460X245-100N
JEDEC MS-029CA	QFP50P1660X1660X245-100N
JEDEC MS-029CB	QFP50P1660X1660X315-100N

JEDEC MS-029CC	QFP40P1660X1660X245-120N
JEDEC MS-029CD	QFP40P1660X1660X315-120N
JEDEC MS-029DA-1	QFP50P2260X2260X270-144N
JEDEC MS-029DA-2	QFP50P2260X2260X245-144N
JEDEC MS-029DB-1	QFP50P2260X2260X340-144N
JEDEC MS-029DB-2	QFP50P2260X2260X315-144N
JEDEC MS-029DC-1	QFP40P2260X2260X270-176N
JEDEC MS-029DC-2	QFP40P2260X2260X245-176N
JEDEC MS-029DD1	QFP65P3120X3120X410-161N
JEDEC MS-029DD-1	QFP40P2260X2260X340-176N
JEDEC MS-029DD-2	QFP40P2260X2260X315-176N
JEDEC MS-029EA	QFP50P2660X2660X410-176N
JEDEC MS-029EB	QFP40P2660X2660X410-216N
JEDEC MS-029FA	QFP50P3060X3060X410-208N
JEDEC MS-029FA1	QFP50P3060X3060X410-209N
JEDEC MS-029FA-2	QFP50P3060X3060X385-208N
JEDEC MS-029FB-1	QFP40P3060X3060X410-256N
JEDEC MS-029FB-2	QFP40P3060X3060X385-256N
JEDEC MS-029GA	QFP50P3460X3460X343-240N
JEDEC MS-029GA	QFP50P3460X3460X410-241N
JEDEC MS-029GA	QFP50P3460X3460X415-240N
JEDEC MS-029GB	QFP40P3460X3460X410-296N
JEDEC MS-029HA	QFP50P4260X4260X325-304N
JEDEC MS-029HB	QFP40P3860X3860X450-336N
JEDEC MS-029JA	QFP50P3612X3612X420-241N
JEDEC MS-029JA	QFP50P4260X4260X450-305N
JEDEC MS-029JA	QFP50P4260X4260X455-304N
JEDEC MS-029JB	QFP40P4260X4260X450-376N
JEDEC MS-029KA	QFP50P2260X2260X315-128N
JEDEC MS-091BA	SOJ127P984X375-28N
JEDEC TO-220, D2PAK	TO267P1410X457-4N
JEDEC TO-236AA, SOT23	SOT95P230X124-3N
JEDEC TO-236AB	SOT95P230X109-3N
JEDEC TO-236AB	SOT95P237X112-3N
JEDEC TO-236AB	SOT95P237X117-3N
JEDEC TO-236AB, SOT23	SOT95P230X110-3N
JEDEC TO-252	TO228P965X254-3N
JEDEC TO-252, DPAK	TO228P972X240-3N
JEDEC TO-252, DPAK	TO228P991X239-3N
JEDEC TO-252AA, DPAK	TO228P1003X238-3N
JEDEC TO-252AA, DPAK	TO228P991X238-3_4N

JEDEC TO-261	SOT230P700X180-4BN
JEDEC TO-261AA, SOT223-3	SOT230P700X180-4N
JEDEC TO-261AB	SOT150P700X180-5N
JEDEC TO-263	TO254P1524X457-3N
JEDEC TO-263AA	TO254P1524X482-4N
JEDEC TO-263AA	TO254P1524X483-4N
JEDEC TO-263AB	TO254P1524X482-3N
JEDEC TO-263AB, D2PAK	TO254P1524X483-3N
JEDEC TO-263BA	TO170P1524X483-6N

### 3. EIA-to-IPC Lookup Table

EIA 0201, METRIC 0603	CAPC0603X33N
EIA 0201, METRIC 0603	RESC0502X50N
EIA 0201, METRIC 0603	RESC0603X26N
EIA 0201, METRIC 0603	RESC0603X28N
EIA 0201, METRIC 0603	RESC0603X30N
EIA 0201, METRIC 0603	RESC0603X33N
EIA 0306, METRIC 1709	CAPCP1709X105N
EIA 0363, METRIC 0816	CAPC0816X61N
EIA 0402, METRIC 1005	CAPC1005X55N
EIA 0402, METRIC 1005	CAPC1005X56N
EIA 0402, METRIC 1005	CAPC1005X60N
EIA 0402, METRIC 1005	INDC1005X60N
EIA 0402, METRIC 1005	RESC1005X38N
EIA 0402, METRIC 1005	RESC1005X40N
EIA 0402, METRIC 1005	RESC1106X84N
EIA 0502, METRIC 1306	RESC1306X51N
EIA 0502, METRIC 1306	RESC1306X63N
EIA 0504, METRIC 1310	RESC1310X51N
EIA 0505, METRIC 1313	RESC1313X38N
EIA 0505, METRIC 1313	RESC1313X51N
EIA 0505, METRIC 1313	RESC1313X63N
EIA 0505, METRIC 1413	RESC1413X84N
EIA 0508, METRIC 1220	CAPC1220X107N
EIA 0508, METRIC 1320	CAPC1320X76N
EIA 0603, METRIC 1508	RESC1508X63N
EIA 0603, METRIC 1608	CAPC1608X55N
EIA 0603, METRIC 1608	CAPC1608X86N
EIA 0603, METRIC 1608	CAPC1608X87N
EIA 0603, METRIC 1608	CAPC1608X90N
EIA 0603, METRIC 1608	CAPC1608X92N

EIA 0603, METRIC 1608	CAPC1608X95N
EIA 0603, METRIC 1608	INDC1608X95N
EIA 0603, METRIC 1608	RESC1608X38N
EIA 0603, METRIC 1608	RESC1608X50AN
EIA 0603, METRIC 1608	RESC1608X50N
EIA 0603, METRIC 1608	RESC1608X55N
EIA 0603, METRIC 1608	RESC1608X84N
EIA 0612, METRIC 1632	CAPC1632X168N
EIA 0612, METRIC 1632	CAPC1632X76N
EIA 0705, METRIC 1913	RESC1913X63N
EIA 0705, METRIC 2013	RESC2013X51N
EIA 0705, METRIC 2013	RESC2013X84N
EIA 0805, METRIC 2012	CAPC2012X100N
EIA 0805, METRIC 2012	CAPC2012X120N
EIA 0805, METRIC 2012	CAPC2012X127N
EIA 0805, METRIC 2012	CAPC2012X135N
EIA 0805, METRIC 2012	CAPC2012X140N
EIA 0805, METRIC 2012	CAPC2012X145AN
EIA 0805, METRIC 2012	CAPC2012X145N
EIA 0805, METRIC 2012	CAPC2012X70N
EIA 0805, METRIC 2012	CAPC2012X71N
EIA 0805, METRIC 2012	CAPC2012X88N
EIA 0805, METRIC 2012	CAPC2012X90N
EIA 0805, METRIC 2012	CAPC2012X94N
EIA 0805, METRIC 2012	CAPC2012X95N
EIA 0805, METRIC 2012	INDC2012X130N
EIA 0805, METRIC 2012	LEDC2012X120N
EIA 0805, METRIC 2012	RESC2012X50N
EIA 0805, METRIC 2012	RESC2012X70N
EIA 0805, METRIC 2013	RESC2013X38N
EIA 0805, METRIC 2013	RESC2013X65N
EIA 0805, METRIC 2014	CAPCP2014X145N
EIA 1002, METRIC 2506	RESC2506X84N
EIA 1005, METRIC 2513	RESC2513X63AN
EIA 1005, METRIC 2513	RESC2513X63N
EIA 1005, METRIC 2613	RESC2613X76N
EIA 1005, METRIC 2713	RESC2713X84N
EIA 1008, METRIC 2520	INDC2520X220N
EIA 1010, METRIC 2525	RESC2525X63N
EIA 1010, METRIC 2725	RESC2725X84N
EIA 1020, METRIC 2550	RESC2550X70N

EIA 1020, METRIC 2551	RESC2551X63N
EIA 1020, METRIC 2651	RESC2651X76N
EIA 1206, METRIC 3016	RESC3016X63N
EIA 1206, METRIC 3115	RESC3115X70N
EIA 1206, METRIC 3116	RESC3116X65N
EIA 1206, METRIC 3215	CAPC3215X168N
EIA 1206, METRIC 3216	CAPC3216X105N
EIA 1206, METRIC 3216	CAPC3216X127N
EIA 1206, METRIC 3216	CAPC3216X130N
EIA 1206, METRIC 3216	CAPC3216X140N
EIA 1206, METRIC 3216	CAPC3216X152N
EIA 1206, METRIC 3216	CAPC3216X175N
EIA 1206, METRIC 3216	CAPC3216X178N
EIA 1206, METRIC 3216	CAPC3216X180N
EIA 1206, METRIC 3216	CAPC3216X190N
EIA 1206, METRIC 3216	CAPC3216X70N
EIA 1206, METRIC 3216	CAPC3216X90N
EIA 1206, METRIC 3216	CAPC3216X94N
EIA 1206, METRIC 3216	CAPC3216X95N
EIA 1206, METRIC 3216	RESC3216X60N
EIA 1206, METRIC 3216	RESC3216X63N
EIA 1206, METRIC 3216	RESC3216X65N
EIA 1206, METRIC 3216	RESC3216X84N
EIA 1206, METRIC 3316	RESC3316X76N
EIA 1210, METRIC 3225	CAPC3225X100N
EIA 1210, METRIC 3225	CAPC3225X105N
EIA 1210, METRIC 3225	CAPC3225X110N
EIA 1210, METRIC 3225	CAPC3225X120N
EIA 1210, METRIC 3225	CAPC3225X127N
EIA 1210, METRIC 3225	CAPC3225X140N
EIA 1210, METRIC 3225	CAPC3225X152N
EIA 1210, METRIC 3225	CAPC3225X155N
EIA 1210, METRIC 3225	CAPC3225X160N
EIA 1210, METRIC 3225	CAPC3225X168N
EIA 1210, METRIC 3225	CAPC3225X178N
EIA 1210, METRIC 3225	CAPC3225X180N
EIA 1210, METRIC 3225	CAPC3225X190N
EIA 1210, METRIC 3225	CAPC3225X200N
EIA 1210, METRIC 3225	CAPC3225X205N
EIA 1210, METRIC 3225	CAPC3225X220N
EIA 1210, METRIC 3225	CAPC3225X229N



EIA 1210, METRIC 3225	CAPC3225X230N
EIA 1210, METRIC 3225	CAPC3225X245N
EIA 1210, METRIC 3225	CAPC3225X270N
EIA 1210, METRIC 3225	CAPC3225X279N
EIA 1210, METRIC 3225	CAPC3225X88N
EIA 1210, METRIC 3225	CAPC3225X94N
EIA 1210, METRIC 3225	INDC3225X135N
EIA 1210, METRIC 3225	RESC3225X60N
EIA 1210, METRIC 3225	RESC3225X65N
EIA 1210, METRIC 3225	RESC3225X70N
EIA 1218, METRIC 3246	RESC3246X60N
EIA 1408, METRIC 3720	RESC3720X40N
EIA 1505, METRIC 3813	CAPC3813X130N
EIA 1505, METRIC 3813	RESC3813X63N
EIA 1505, METRIC 3913	RESC3913X76N
EIA 1505, METRIC 3913	RESC3913X84N
EIA 1806, METRIC 4509	INDC4509X190N
EIA 1807, METRIC 4520	CAPC4520X130N
EIA 1808, METRIC 4520	CAPC4520X168N
EIA 1812, METRIC 4532	CAPC4532X102N
EIA 1812, METRIC 4532	CAPC4532X110N
EIA 1812, METRIC 4532	CAPC4532X120N
EIA 1812, METRIC 4532	CAPC4532X127N
EIA 1812, METRIC 4532	CAPC4532X140N
EIA 1812, METRIC 4532	CAPC4532X152N
EIA 1812, METRIC 4532	CAPC4532X155N
EIA 1812, METRIC 4532	CAPC4532X160N
EIA 1812, METRIC 4532	CAPC4532X165N
EIA 1812, METRIC 4532	CAPC4532X178N
EIA 1812, METRIC 4532	CAPC4532X180N
EIA 1812, METRIC 4532	CAPC4532X185N
EIA 1812, METRIC 4532	CAPC4532X190N
EIA 1812, METRIC 4532	CAPC4532X200N
EIA 1812, METRIC 4532	CAPC4532X210N
EIA 1812, METRIC 4532	CAPC4532X218N
EIA 1812, METRIC 4532	CAPC4532X220N
EIA 1812, METRIC 4532	CAPC4532X270N
EIA 1812, METRIC 4532	CAPC4532X279N
EIA 1812, METRIC 4532	INDC4532X175N
EIA 1812, METRIC 4532	RESC4532X110N
EIA 1812, METRIC 4532	RESC4532X135N

EIA 1812, METRIC 4532	RESC4532X70N
EIA 1825, METRIC 4564	CAPC4564X125N
EIA 1825, METRIC 4564	CAPC4564X127N
EIA 1825, METRIC 4564	CAPC4564X130N
EIA 1825, METRIC 4564	CAPC4564X145N
EIA 1825, METRIC 4564	CAPC4564X155N
EIA 1825, METRIC 4564	CAPC4564X160N
EIA 1825, METRIC 4564	CAPC4564X218N
EIA 1825, METRIC 4564	RESC4564X135N
EIA 1913, METRIC 4833	CAPC4833X280N
EIA 2010, METRIC 5025	CAPC5025X71N
EIA 2010, METRIC 5025	RESC5025X65N
EIA 2010, METRIC 5025	RESC5025X70N
EIA 2010, METRIC 5125	RESC5125X63N
EIA 2010, METRIC 5125	RESC5125X76N
EIA 2010, METRIC 5325	RESC5325X84N
EIA 2015, METRIC 5038	RESC5038X77N
EIA 2018, METRIC 4945	CAPMP4945X270N
EIA 2022, METRIC 4955	CAPMP4955X270N
EIA 2208, METRIC 5619	RESC5619X63N
EIA 2208, METRIC 5819	RESC5819X84N
EIA 2220, METRIC 5650	CAPC5650X115N
EIA 2220, METRIC 5650	CAPC5650X125N
EIA 2220, METRIC 5650	CAPC5650X145N
EIA 2220, METRIC 5650	CAPC5650X155N
EIA 2220, METRIC 5650	CAPC5650X165N
EIA 2220, METRIC 5651	CAPC5651X218N
EIA 2220, METRIC 5750	CAPC5750X200N
EIA 2220, METRIC 5750	CAPC5750X229N
EIA 2220, METRIC 5750	CAPC5750X230N
EIA 2220, METRIC 5750	CAPC5750X279N
EIA 2220, METRIC 5750	INDC5750X180N
EIA 2225, METRIC 5663	CAPC5663X115N
EIA 2225, METRIC 5663	CAPC5663X125N
EIA 2225, METRIC 5663	CAPC5663X145N
EIA 2225, METRIC 5663	CAPC5663X155N
EIA 2225, METRIC 5664	CAPC5664X200N
EIA 2225, METRIC 5664	CAPC5664X218N
EIA 2225, METRIC 5764	CAPC5764X127N
EIA 2225, METRIC 5764	CAPC5764X152N
EIA 2316, METRIC 6041	CAPC6041X320N

EIA 2413, METRIC 6235	RESC6235X390N
EIA 2512, METRIC 6331	RESC6332X65N
EIA 2512, METRIC 6331	RESC6332X70N
EIA 2512, METRIC 6332	CAPC6332X71N
EIA 2512, METRIC 6431	RESC6431X63N
EIA 2512, METRIC 6432	RESC6432X70N
EIA 2512, METRIC 6432	RESC6432X76N
EIA 2512, METRIC 6632	RESC6632X84N
EIA 2520, METRIC 6350	INDC6350X200N
EIA 2520, METRIC 6350	RESC6350X77N
EIA 2811, METRIC 7028	RESMELF7028N
EIA 2920, METRIC 7350	CAPMP7350X340N
EIA 2920, METRIC 7355	CAPMP7355X270N
EIA 2926, METRIC 7365	CAPMP7365X370N
EIA 2928, METRIC 7370	CAPMP7370X440N
EIA 3640, METRIC 9198	CAPC9198X218N
EIA 3830, METRIC 9675	CAPMP9675X490N
EIA 535BAAC, A CASE	CAPMP3216X180N
EIA 535BAAC, B CASE	CAPMP3528X210N
EIA 535BAAC, C CASE	CAPMP6032X280N
EIA 535BAAC, D CASE	CAPMP7343X310N
EIA 535BAAC, E CASE	CAPMP7360X380N
EIA 535BAAC, R CASE	CAPMP2013X120N
EIA 535BAAC, R CASE	CAPMP7343X200N
EIA 535BAAC, S CASE	CAPMP3216X120N
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EIA SOPM-6235	RESM6234X393N
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