

Packages and LandPatterns

EDC Number	IPC-SM-782 Component Identifier	Registered Land Pattern Number	Faabmedia land pattern name	Land Pattern Status	Passive Generic Symbol	Family	Description	Pins
DO-217						Button Rectifier	Button Rectifier	
DO-200						Disc Type	Disc Type	
DO-211	Cancelled replaced by TO-244-AA-AB					Flange Mounted Family	Flange Mounted Family (Rectangular base)	
DO-213						Leadless Family		
DO-213 AA		200A	IPC-RLPN-200A	Done		Metal Electrode Face (MELF) Components	SOD-80/MLL 34 Diode	
DO-204						Lead Mounted Family	Lead Mounted Family (Round Lead Axial)	
DO-204-AA			DO-204-AA					
DO-204-AB			DO-204-AB					
DO-204-AC			DO-204-AC					
DO-204-AD			DO-204-AD					
DO-204-AE			DO-204-AE					
DO-204-AF			DO-204-AF					
DO-204-AG			DO-204-AG					
DO-204-AH			DO-204-AH					
DO-204-AJ			DO-204-AJ					
DO-204-AK			DO-204-AK					
DO-204-AL			DO-204-AL	Done				
DO-204-AM			DO-204-AM					
DO-204-AN			DO-204-AN					
DO-204-AP			DO-204-AP					
DO-204-AR			DO-204-AR					
DO-214AA	SOD 123	220A	IPC-RLPN-220A	Done		Plastic Surface Mount Family	C Bend Plastic Surface-Mount	
DO-215	SMB	221A	IPC-RLPN-221A	Done				
DO-216						Plastic Surface Mount Family	Gull Wing Plastic Surface-Mount	
DO-218						Plastic Surface Mount Family	Gull Wing Plastic Surface-Mount	
DO-219						Plastic Surface Mount Family	Power Outline Plastic Surface Mount C-Bend	
DO-7	(Archived) see DO-204-AA					Round Body Axial Lead	Outline Plastic Surface Mount Flat	
DO-13	(Archived) see DO-202-AA (Also Archived)					Round Body Axial Lead	Axial Lead, Round Body	
DO-15	(Archived) see DO-204-AC					Round Body Axial Lead	Axial Lead, Round Body	
DO-29	(Archived) see DO-204-AF					Round Body Axial Lead	Axial Lead, Round Body	
DO-34	(Archived) see DO-204-AG					Round Body Axial Lead	Axial Lead, Round Body	
DO-35	(Archived) see DO-204-AH					Round Body Axial Lead	Axial Lead, Round Body	
DO-41	(Archived) see DO-204-AL					Round Body Axial Lead	Axial Lead, Round Body	
DO-201						Round Body Axial Type	Axial Type, Round Body, Tapered-End	
DO-208						Sing-End, Press-Fit	Sing-End, Press-Fit, Flanged	
DO-209						Sing-End, Press-Fit	Sing-End, Press-Fit, Flanged	
DO-203						Stud Hex Base	Stud-Hex Base, Solid Terminals	
DO-205						Stud Hex Base	Stud-Hex Base, Flies Terminals	
DO-5	see DO-203-AB					Terminal Stud, Axial Lead	Terminal Stud, Axial Lead	
MO-010						Axial Quad Family	1.56 mm (0.065") Pitch	12
MO-017						Axial Quad Family	2.54mm (0.100") Pitch	52, 62
MO-149						Ball Grid Array (BGA) Family	Tape BGA 1, 1.27, 1.5mm Pitch	100 thru 2401
MO-151						Ball Grid Array (BGA) Family	Plastic BGA 1, 1.27, 1.5mm Pitch	16 thru 1089
	PBGA 7x7 FE16	1020				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	4x4
	PBGA 7x7 FO9	1021				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	3x3
	PBGA 8x8 FO25	1022				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	5x5
	PBGA 8x8 FE16	1023				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	4x4
	PBGA 9x9 FE36	1024				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	6x6
	PBGA 9x9 FO25	1025				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	5x5
	PBGA 10x10 FE36	1026				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	6x6
	PBGA 10x10 FO25	1027				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	5x5
	PBGA 11x11 FO49	1028				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	7x7
	PBGA 11x11 FE36	1029				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	6x6
	PBGA 12x12 FE64	1030				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	8x8
	PBGA 12x12 FO49	1031				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	7x7
	PBGA 13x13 FE64	1032				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	8x8
	PBGA 13x13 FO49	1033				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	7x7
	PBGA 14x14 FO81	1034				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	9x9
	PBGA 14x14 FE64	1035				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	8x8
	PBGA 15x15 FE100	1036				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	10x10
	PBGA 15x15 FO81	1037				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	9x9
	PBGA 17x17 FO121	1038				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	11x11
	PBGA 17x17 FE100	1039				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	10x10
	PBGA 19x19 FE144	1040				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	12x12
	PBGA 19x19 FO121	1041				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	11x11
	PBGA 21x21 FE196	1042				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	14x14
	PBGA 21x21 FO169	1043				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	13x13
	PBGA 23x23 FO225	1044				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	15x15
	PBGA 23x23 FE196	1045				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	14x14
	PBGA 25x25 FE256	1046				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	16x16
	PBGA 25x25 FO225	1047				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	15x15
	PBGA 27x27 FE324	1048				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	18x18
	PBGA 27x27 FO289	1049				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	17x17
	PBGA 29x29 FO361	1050				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	19x19
	PBGA 29x29 FE324	1051				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	18x18
	PBGA 31x31 FE400	1052				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	20x20
	PBGA 31x31 FO361	1053				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	19x19
	PBGA 33x33 FE484	1054				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	22x22
	PBGA 33x33 FO441	1055				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	21x21
	PBGA 35x35 FO529	1056				Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	23x23

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PBGA 35x35 FE484	1057	Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	22x22
PBGA 37.5x37.5 FO625	1058	Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	25x25
PBGA 37.5x37.5 FE576	1059	Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	24x24
PBGA 40x40 FE676	1060	Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	26x26
PBGA 40x40 FO625	1061	Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	25x25
PBGA 42.5x42.5 FE784	1062	Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	28x28
PBGA 42.5x42.5 FO729	1063	Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	27x27
PBGA 45x45 FE900	1064	Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	30x30
PBGA 45x45 FO841	1065	Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	29x29
PBGA 47.5x47.5 FO961	1066	Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	31x31
PBGA 47.5x47.5 FE900	1067	Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	30x30
PBGA 50x50 FO1089	1068	Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	33x33
PBGA 50x50 FE1024	1069	Ball Grid Array (BGA) Family	Plastic BGA 1.5mm Pitch	32x32
PBGA 7x7 FO25	960	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	5x5
PBGA 7x7 FE16	961	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	4x4
PBGA 8x8 FE36	962	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	6x6
PBGA 8x8 FO25	963	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	5x5
PBGA 9x9 FE36	964	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	6x6
PBGA 9x9 FO25	965	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	5x5
PBGA 10x10 FE49	966	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	7x7
PBGA 10x10 FO36	967	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	6x6
PBGA 11x11 FE64	968	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	8x8
PBGA 11x11 FO49	969	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	7x7
PBGA 12x12 FE81	970	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	9x9
PBGA 12x12 FO64	971	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	8x8
PBGA 13x13 FE100	972	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	10x10
PBGA 13x13 FO81	973	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	9x9
PBGA 14x14 FE100	974	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	10x10
PBGA 14x14 FO81	975	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	9x9
PBGA 15x15 FO121	976	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	11x11
PBGA 15x15 FE100	977	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	10x10
PBGA 17x17 FO169	978	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	13x13
PBGA 17x17 FE144	979	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	12x12
PBGA 19x19 FE196	980	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	14x14
PBGA 19x19 FO169	981	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	13x13
PBGA 21x21 FE256	982	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	16x16
PBGA 21x21 FO225	983	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	15x15
PBGA 23x23 FE324	984	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	18x18
PBGA 23x23 FO289	985	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	17x17
PBGA 25x25 FO361	986	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	19x19
PBGA 25x25 FE324	987	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	18x18
PBGA 27x27 FO441	988	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	21x21
PBGA 27x27 FE400	989	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	20x20
PBGA 29x29 FE484	990	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	22x22
PBGA 29x29 FO441	991	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	21x21
PBGA 31x31 FE576	992	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	24x24
PBGA 31x31 FO529	993	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	23x23
PBGA 33x33 FO625	994	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	25x25
PBGA 33x33 FE576	995	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	24x24
PBGA 35x35 FO729	996	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	27x27
PBGA 35x35 FE676	997	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	26x26
PBGA 37.5x37.5 FO841	998	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	29x29
PBGA 37.5x37.5 FE784	999	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	28x28
PBGA 40x40 FO961	1000	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	31x31
PBGA 40x40 FE900	1001	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	30x30
PBGA 42.5x42.5 FO1089	1002	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	33x33
PBGA 42.5x42.5 FE1024	1003	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	32x32
PBGA 45x45 FO1225	1004	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	35x35
PBGA 45x45 FO1156	1005	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	34x34
PBGA 47.5x47.5 FO1369	1006	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	37x37
PBGA 47.5x47.5 FE1296	1007	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	36x36
PBGA 50x50 FO1521	1008	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	39x39
PBGA 50x50 FE1444	1009	Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	38x38
PBGA 7x7 FE36	900	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	6x6
PBGA 7x7 FO25	901	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	5x5
PBGA 8x8 FO49	902	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	7x7
PBGA 8x8 FE36	903	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	6x6
PBGA 9x9 FE64	904	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	8x8
PBGA 9x9 FO49	905	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	7x7
PBGA 10x10 FO81	906	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	9x9
PBGA 10x10 FE64	907	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	8x8
PBGA 11x11 FE100	908	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	10x10
PBGA 11x11 FO81	909	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	9x9
PBGA 12x12 FO121	910	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	11x11
PBGA 12x12 FE100	911	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	10x10
PBGA 13x13 FE144	912	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	12x12
PBGA 13x13 FO121	913	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	11x11
PBGA 14x14 FO169	914	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	13x13
PBGA 14x14 FE144	915	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	12x12
PBGA 15x15 FE196	916	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	14x14
PBGA 15x15 FO169	917	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	13x13
PBGA 17x17 FE256	918	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	16x16
PBGA 17x17 FO225	919	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	15x15

FE1156? IPC-SM-782 mistake? 14.1.2 P4

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	PBGA 19x19 FE324	920	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	18x18
	PBGA 19x19 FO289	921	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	17x17
	PBGA 21x21 FE400	922	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	20x20
	PBGA 21x21 FO361	923	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	19x19
	PBGA 23x23 FE484	924	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	22x22
	PBGA 23x23 FO441	925	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	21x21
	PBGA 25x25 FE576	926	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	24x24
	PBGA 25x25 FO529	927	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	23x23
	PBGA 27x27 FE676	928	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	26x26
	PBGA 27x27 FO625	929	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	25x25
	PBGA 29x29 FE784	930	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	28x28
	PBGA 29x29 FO729	931	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	27x27
	PBGA 31x31 FE900	932	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	30x30
	PBGA 31x31 FO841	933	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	29x29
	PBGA 33x33 FE1024	934	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	32x32
	PBGA 33x33 FO961	935	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	31x31
	PBGA 35x35 FE1156	936	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	34x34
	PBGA 35x35 FO1089	937	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	33x33
	PBGA 37.5x37.5 FO1369	938	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	37x37
	PBGA 37.5x37.5 FE1296	939	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	36x36
	PBGA 40x40 FO1521	940	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	39x39
	PBGA 40x40 FE1444	941	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	38x38
	PBGA 42.5x42.5 FE1764	942	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	42x42
	PBGA 42.5x42.5 FO1681	943	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	41x41
	PBGA 45x45 FE1936	945	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	44x44
	PBGA 45x45 FO1849	946	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	43x43
	PBGA 47.5x47.5 FO2209	947	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	47x47
	PBGA 47.5x47.5 FE2116	948	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	46x46
	PBGA 50x50 FO2401	949	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	49x49
	PBGA 50x50 FE2304	950	Ball Grid Array (BGA) Family	Plastic BGA 1mm Pitch	48x48
					49, 64, 100, 121, 144, 196, 225, 423, 361, 400, 441, 484, 576, 625, 676, 784, 900, 1024
MO-156			Ball Grid Array (BGA) Family	Ceramic BGA Square 1mm, 1.27mm, 1.5mm Pitch	
MO-157			Ball Grid Array (BGA) Family	Ceramic BPA Rectangular	
MO-159			Ball Grid Array (BGA) Family	Ceramic CGA Rectangular	
MO-163			Ball Grid Array (BGA) Family	Plastic BGA 1.27mm Pitch	119, 153
MO-192			Ball Grid Array (BGA) Family	Low Profile BGA Family	
MO-195			Ball Grid Array (BGA) Family	TFBGA 0.5mm Pitch	
					64, 81, 96, 100, 114, 121, 126, 135, 140, 144, 150, 169, 196, 225, 289, 324, 361
MO-205			Ball Grid Array (BGA) Family	LFPGA 0.8mm Pitch (Square and Rectangular)	
MO-207			Ball Grid Array (BGA) Family	Chip Size BGA (Rectangular)	24, 32, 40, 48, 64
MO-210			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	60
MO-210AA-1			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	60
MO-210AB-1			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	48
MO-210AC-1			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	48
MO-210AD-1			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	48
MO-210AE-1			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	48
MO-210AF-1			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	64
MO-210AG-1			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	60
MO-210AH-1			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	144
MO-210AJ-1			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	195
MO-210AK-1			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	221
MO-210AL-1			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	60
MO-210AM-1			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	80
MO-210AN-1			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	90
MO-210AP-1			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	56
MO-210AR-1			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	128
MO-210AT-1			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	64
MO-210CA-2			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	48
MO-210CB-2			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	48
MO-210CC-2			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	48
MO-210CD-2			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	63
MO-210CE-2			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	63
MO-210CF-2			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	40
MO-210CG-2			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	60
MO-210CH-2			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	84
MO-210CJ-2			Ball Grid Array (BGA) Family	Thin Fine Pitch BGA (Rectangular)	Z
MO-211			Ball Grid Array (BGA) Family	Die Size BGA	4, 6, 9, 16, 20, 25, 36
MO-216			Ball Grid Array (BGA) Family	TFBGA 1mm and 0.8mm Pitch	64, 65, 68, 72, 73, 76, 77
MO-219			Ball Grid Array (BGA) Family	LFPGA 0.8mm Pitch (Square and Rectangular)	48, 64, 80, 96, 112, 128, 144, 160, 176
MO-221			Ball Grid Array (BGA) Family	XF-XBGA Two Row .50mm Pitch	16, 35, 36, 48, 49, 60, 64, 81, 104, 144, 169, 256, 289
MO-225			Ball Grid Array (BGA) Family	Very Thin Profile, Fine Pitch BGA, 0.50mm 0.65mm Pitch	
MO-228			Ball Grid Array (BGA) Family	TF-XBGA Dual Pitch (Square)	54, 62
MO-233			Ball Grid Array (BGA) Family	TFR-XBGA-N (Rectangular)	60, 72
MO-234			Ball Grid Array (BGA) Family	R-LBGA-L	80, 165
MO-242			Ball Grid Array (BGA) Family	Rectangular Die Size Stacked BGA 0.80mm Pitch	63, 87, 95, 71
MO-246			Ball Grid Array (BGA) Family	Rectangular Fine Pitch Thin BGA 0.65mm Pitch	
MO-044			Ceramic Chip Carrier	1.27mm (0.050") Center Square Leaded	68, 84
MO-056			Ceramic Chip Carrier	.635mm (0.025") Center Square Leadless	52, 68, 84, 100, 132, 146, 164, 244
MO-057			Ceramic Chip Carrier	.508mm (0.020") Center Square leadless	64, 104, 124, 164, 204, 244, 264

		Packages and LandPatterns	
MO-062		Ceramic Chip Carrier	.635mm (0.025") Center Square Leadless
MO-107		Ceramic Chip Carrier	.635mm (0.050") Center Square J-Lead
MO-110		Ceramic Chip Carrier	J-Lead Round Lead
MO-111		Ceramic Chip Carrier	Gull Wing Round Lead
MO-126		Ceramic Chip Carrier	.400 Body (0.050") Pitch Small Outline
MO-129		Ceramic Chip Carrier	Square (0.020") Top Braze Leaded
MO-130		Ceramic Chip Carrier	Square (0.015") Top Braze Leaded
MO-131		Ceramic Chip Carrier	Square (0.025") Top Braze Leaded
MO-144		Ceramic Chip Carrier	.350" Body (0.050") Pitch Small Outline
MO-036		Ceramic DIP	7.62mm (0.300") Row Spacing
MO-037		Ceramic DIP	10.16mm (0.400") Row Spacing
MO-058		Ceramic DIP	7.62mm (0.300") Row Spacing Cerdip
MO-001		Dual-In-Line (DIP) Family	Row Spacing 7.62mm (0.300")
MO-015		Dual-In-Line (DIP) Family	Row Spacing 15.24mm (0.600")
MO-016		Dual-In-Line (DIP) Family	Row Spacing 22.86mm (0.900")
MO-024		Dual-In-Line (DIP) Family	Row Spacing 12.7mm (0.500")
MO-026		Dual-In-Line (DIP) Family	Row Spacing 10.1mm (0.400")
MO-028		Dual-In-Line (DIP) Family	Row Spacing 5.08mm (0.200")
MO-043		Dual-In-Line (DIP) Family	Row Spacing 19.05mm (0.750")
MO-095		Dual-In-Line (DIP) Family	Row Spacing 7.62mm (0.300")
MO-122		Dual-In-Line (DIP) Family	Row Spacing 0.050" (0.300")
MO-014		Flange Mounted Family Axial Lead	7.62/8.25mm (.300/.325") Pin Circle
MO-025		Flange Mounted Family Axial Lead	12.7mm (.500") Pin Circle
MO-079		Flange Mounted Family Axial Lead	3.81mm (1.25") Flange Family 6/12 Leads
MO-097		Flange Mounted Family Axial Lead	15.24mm (.600") Pin Circle
MO-003	420	Flat Pack Family	Width 5.08mm (.200") Pitch 1.27mm (0.050")
MO-003	421	Flat Pack Family	Width 5.08mm (.200") Pitch 1.27mm (0.050")
MO-004	422	Flat Pack Family	Width 7.62mm (.300") Pitch 1.27mm (0.050")
MO-004	423	Flat Pack Family	Width 7.62mm (.300") Pitch 1.27mm (0.050")
MO-004	424	Flat Pack Family	Width 7.62mm (.300") Pitch 1.27mm (0.050")
MO-018	425	Flat Pack Family	Width 10.16mm (.400") Pitch .89mm (0.035")
MO-019	426	Flat Pack Family	Width 10.16mm (.400") Pitch 1.27mm (0.050")
MO-019	427	Flat Pack Family	Width 10.16mm (.400") Pitch 1.27mm (0.050")
MO-019		Flat Pack Family	Width 10.16mm (.400") Pitch 1.27mm (0.050")
MO-020	428	Flat Pack Family	Width 12.70mm (.500") Pitch 1.27mm (0.050")
MO-020	429	Flat Pack Family	Width 12.70mm (.500") Pitch 1.27mm (0.050")
MO-021	430	Flat Pack Family	Width 15.24mm (.600") Pitch 1.27mm (0.050")
MO-021	431	Flat Pack Family	Width 15.24mm (.600") Pitch 1.27mm (0.050")
MO-021	432	Flat Pack Family	Width 15.24mm (.600") Pitch 1.27mm (0.050")
MO-022		Flat Pack Family	Width 17.78mm (.700") Pitch 1.27mm (0.050")
MO-022	433	Flat Pack Family	Width 17.78mm (.700") Pitch 1.27mm (0.050")
MO-022	434	Flat Pack Family	Width 17.78mm (.700") Pitch 1.27mm (0.050")
MO-023	435	Flat Pack Family	Width 22.86mm (.900") Pitch 1.27mm (0.050")
MO-023	436	Flat Pack Family	Width 22.86mm (.900") Pitch 1.27mm (0.050")
MO-032		Flat Pack Family	Width 16.64mm (.650") Pitch 1.27mm (0.050")
MO-092		Flat Pack Family	Width 6.35mm (.300") CERPACK 1.27mm (0.050")
MO-098		Flat Pack Family	(.260") Pitch Braze-Lead (0.050")
MO-101		Flat Pack Family	Width (.550") Pitch (0.050") Top-Braze
MO-106		Flat Pack Family	(.535") Pitch 0.76mm(0.030")
MO-115		Flat Pack Family	Width (.480") Pitch (0.050")
MO-186		Floppy Disk Card	FDC
MO-005		Grid Array Family (PGA)	3.81mm (.125") Pitch
MO-011		Grid Array Family (PGA)	2.54mm (.100") Pitch
MO-066		Grid Array Family (PGA)	2.54mm (.100") Pitch Ceramic SO
MO-067		Grid Array Family (PGA)	2.54mm (.100") Pitch Ceramic Large Outline
MO-083		Grid Array Family (PGA)	2.54mm (.100") Plastic
MO-128		Grid Array Family (PGA)	2.54mm (.100") Pitch Ceramic Staggered Pins
MO-145		Grid Array Family (PGA)	2.54mm (.100") Pitch Ceramic Surface Mount
MO-158		Grid Array Family (PGA)	Ceramic CGA
MO-002		Header Family	Pin Circle 5.08mm (0.200")
MO-006		Header Family	Pin Circle 5.84mm (0.230")
MO-007		Header Family	Pin Circle 3.58mm (0.141")
MO-008		Header Family	Pin Circle 2.54mm (0.100")
MO-009		Header Family	Pin Circle 5.08mm (0.200")
MO-010		Header Family	Pin Circle 1.65mm (0.065")
MO-013		Header Family	Pin Circle 11.89mm (0.468")
MO-169		Header Family	Plastic Surface-Mounted Header
MO-218		Header Family	Plastic Staggered Header
MO-231		Header Family	Plastic Surface Mounted Header
MO-235		Header Family	Surface Mounted Peripheral
MO-162		Heat Slug Packages	Plastic Flatpack
MO-166		Heat Slug Packages	Plastic SO
MO-184		Heat Slug Packages	Plastic SO
MO-188		Heat Slug Packages	Power PQFP with Heat Slug

Packages and LandPatterns

MO-148			Mutlichip Module (MCM-C)	Mutlichip Module (MCM-C)	
MO-075			Non-Hermetic Leadless Chip Carrier	1.27mm (0.050") Lead Spacing Quad	20, 24, 28, 44, 68, 84
MO-076			Non-Hermetic Leadless Chip Carrier	1.27mm (0.050") Lead Spacing SO	8, 14, 16, 20, 24, 28
MO-217			Non-Hermetic Leadless Chip Carrier	Very Very Thin Quad Bottom Terminal Chip Carrier	24, 32, 48, 64
MO-047			Plastic Chip Carrier	1.27mm (0.050") Lead Spacing Square	20, 28, 44, 52, 68, 84, 100, 124
MO-047	PLCC-20	790A	Plastic Chip Carrier	1.27mm (0.050") Lead Spacing Square	20
MO-047	PLCC-28	791A	Plastic Chip Carrier	1.27mm (0.050") Lead Spacing Square	28
MO-047	PLCC-44	792A	Plastic Chip Carrier	1.27mm (0.050") Lead Spacing Square	44
MO-047	PLCC-52	793A	Plastic Chip Carrier	1.27mm (0.050") Lead Spacing Square	52
MO-047	PLCC-68	794A	Plastic Chip Carrier	1.27mm (0.050") Lead Spacing Square	68
MO-047	PLCC-84	795A	Plastic Chip Carrier	1.27mm (0.050") Lead Spacing Square	84
MO-047	PLCC-100	796A	Plastic Chip Carrier	1.27mm (0.050") Lead Spacing Square	100
MO-047	PLCC-124	797A	Plastic Chip Carrier	1.27mm (0.050") Lead Spacing Square	124
MO-069			Plastic Chip Carrier	0.635mm (0.025") Lead Spacing Square	
MO-229			Plastic Dual Flat No Lead	V-PDFP-N & W-PDFP-N	4, 6, 8, 10, 12, 14, 16, 18
MO-232			Plastic Dual Flat No Lead	L-PDFP-N	
MO-240			Plastic Dual Flat No Lead	HL-PDFP-N	
MO-245			Plastic Dual Flat No Lead	HE-PDFP-N	6, 8, 10, 12, 16
MO-048			Plastic Flange Mounted Header Family	1.27mm (0.050") Lead Spacing	11, 15, 17, 23
MO-078			Plastic Flange Mounted Header Family	2.54mm (0.100") Lead Spacing 5 Lead	5
MO-093			Plastic Flange Mounted Header Family	Flange Mounted 5 Lead	5
MO-096			Plastic Flange Mounted Header Family	Flange Mounted 7 Lead	7
MO-040			Power Module	5 Terminal	5
MO-127			Power Module	Power DIP	12
MO-138			Power Module	16 Lead Type 1 Ceramic Power Pkg.	16
MO-139			Power Module	16 Lead Type 2 Ceramic Power Pkg.	16
MO-140			Power Module	18 Lead Ceramic Power Pkg.	
MO-027			Quad Flatpack Family	Leadless QFP 1.27mm Pitch	28
MO-060			Quad Flatpack Family	Ceramic or Glass QFP (0.040") Pitch	132
MO-069			Quad Flatpack Family	Plastic QFP 0.025 Pitch Gull-wing	52, 68, 84, 100, 132, 164, 146, 244
MO-071			Quad Flatpack Family	Plastic QFP (0.020") Pitch Gull-wing	40, 52, 68, 84, 132, 220
MO-081			Quad Flatpack Family	Ceramic QFP (0.050") Pitch Straight-Leads	68
MO-082			Quad Flatpack Family	0.635mm (0.025") Cerquad Gullwing	68, 84, 100, 132, 164, 196
MO-084			Quad Flatpack Family	1.27mm (0.050") Cerquad Gullwing	36, 44, 52, 68, 84, 100
MO-086			Quad Flatpack Family	0.635mm (0.025") Plastic Quadpack	44, 52, 68, 84, 100, 132, 148, 164
MO-086	POFP 84	530A			
MO-086	POFP 100	531A			
MO-086	POFP 132	532A			
MO-086	POFP 164	533A			
MO-086	POFP 196	534A			
MO-086	POFP 244	535A			
MO-087			Quad Flatpack Family	1.27mm (0.050") Ceramic Cerquad J-Lead	28, 44, 52, 68, 84
MO-089			Quad Flatpack Family	1.27mm (0.050") Plastic Quadpack Gullwing	28, 44, 52, 68, 84
MO-090			Quad Flatpack Family	0.635mm (0.025") Ceramic Leaded	84, 100, 132, 144, 172, 196
MO-100			Quad Flatpack Family	.508mm (0.020") Ceramic QFP	256
MO-104			Quad Flatpack Family	Ceramic QFP .025 Pitch Gull-wing	196
MO-108			Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	44, 52, 64, 80, 100, 120, 128, 144, 160, 184, 232
MO-108	SQFP 5x5-24	550A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 5x5-32	551A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 5x5-32F	552A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 5x5-40	553A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 5x5-48	554A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 5x5-56	555A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 6x6-32	556A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 6x6-40	557A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 6x6-40F	558A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 6x6-48	559A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 6x6-56	560A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 6x6-64	561A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 7x7-40	562A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 7x7-48	563A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 7x7-56	564A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 7x7-64	565A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 7x7-72	566A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 7x7-80	567A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	QFP 10x10-44	570A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	QFP 10x10-52	571A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 10x10-64	572A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 10x10-72	573A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 10x10-80	574A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 10x10-88	575A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 10x10-112	576A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 10x10-120	577A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	QFP 12x12-48	580A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	QFP 12x12-64	581A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 12x12-80	582A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 12x12-88	583A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 12x12-100	584A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 12x12-108	585A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 12x12-136	586A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	SQFP 12x12-144	587A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	QFP 14x14-64	590A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108	QFP 14x14-80	591A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	

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MO-108		SQFP 28x40-256	730A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108		SQFP 28x40-264	731A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108		SQFP 28x40-324	7312A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108		SQFP 28x40-332	733A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108		SQFP 28x40-432	734A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-108		SQFP 28x40-440	735A	Quad Flatpack Family	Plastic Metric QFP 3.2mm Footprint Gull-wing	
MO-112				Quad Flatpack Family	Plastic Metric QFP 3.9mm Footprint Gull-wing	44, 52, 64, 80, 100, 120, 128, 144, 160, 184, 232
MO-113				Quad Flatpack Family	Ceramic QFP with Tie Bar .025 Pitch	164, 146
MO-114				Quad Flatpack Family	Ceramic QFP .65, .80 Pitch	120, 128, 144, 160
MO-125				Quad Flatpack Family	Ceramic QFP .025 Pitch Gull-wing	132
MO-134	(could this be the MS-044 referred to by IPC-SM-782?)			Quad Flatpack Family	.50mm Pitch Ceramic QFP	224, 256, 288, 320, 351
		CQFP-28	750A			
		CQFP-36	751A			
		CQFP-44	752A			
		CQFP-52	753A			
		CQFP-68	754A			
		CQFP-84	755A			
		CQFP-100	756A			
		CQFP-120	757A			
		CQFP-128	758A			
		CQFP-132	759A			
		CQFP-144	760A			
		CQFP-148	761A			
		CQFP-160	762A			
		CQFP-164	763A			
		CQFP-196	764A			
MO-136	Replaced by MS-026			Quad Flatpack Family	Thin QFP 1.0 and 1.4mm Thick	32, 40, 48, 52, 64, 80, 100, 112, 120, 128, 144, 160, 176, 208, 216, 256
MO-143				Quad Flatpack Family	.4 & .5mm Fine Pitch QFP	64, 80, 100, 120, 128, 144, 176, 216, 208, 240, 256, 272, 292, 296, 304, 336, 376
MO-173				Quad Flatpack Family	Thin QFP with Heat Spreader	208, 240, 256, 296, 304, 376
MO-189				Quad Flatpack Family	Plastic QFP Heat Slug	16, 20, 24, 32, 40, 48
MO-198				Quad Flatpack Family	PQFP-B 3 Tier Family	216, 264, 312, 360, 408, 456
MO-204				Quad Flatpack Family	QFP with Heat Sink	52, 64, 80, 100
MO-208				Quad Flatpack Family	QFP no Lead	7, 8, 12, 16, 20, 24, 28, 36, 48
MO-212				Quad Flatpack Family	Rectangular PQFP 1.0mm Thick Body 3:20 Foot Print	100
MO-220				Quad Flatpack Family	QFP No-Lead-Thermally Enhanced .80, .65, .50, Pitch	4, 8, 12, 14, 16, 18, 20, 22, 24, 28, 32, 36, 38, 40, 44, 48, 52, 56, 64, 80, 96, 112, 128, 144, 160, 176, 192
MO-239				Quad Flatpack Family	Very Thin PQFP No-Lead Thermally Enhanced .50 Pitch	14, 16, 20
MO-241				Quad Flatpack Family	Dual Compatible Thermally Enhanced -PQFP/PSO-N	16, 24, 32, 40, 48, 56, 64, 72
MO-243				Quad Flatpack Family	Thermally Enhanced Plastic Bumped QFP	60, 68, 76, 84, 92, 100, 108, 116, 124, 132, 136, 140, 156, 164, 172, 180, 196, 204, 220, 228, 232, 252, 292, 316
MO-247				Quad Flatpack Family	Plastic Quad No-Lead staggered Multi-Row	8, 12, 16, 20, 22, 24, 28, 32, 36, 40, 44, 48, 52, 56, 64, 72
MO-248				Quad Flatpack Family	Thermally Enhanced Plastic Ultra Thin and Extremely Thin Fin Pitch	44, 48, 52, 56, 60, 64
MO-250				Quad Flatpack Family	Thermally Enhanced Plastic Bumped Very Thin and Very Thin	24, 32, 36, 40, 44, 48, 52, 56, 64, 72
MO-012				Quad Header Family	2.54mm (.100") Pitch	12
MO-029				Quad In-Line (QUIP) Family	5.08/10.16 (.200/.400") Row Spacing	16
MO-030				Quad In-Line (QUIP) Family	19.05/23.50 (.750/.925") Row Spacing	42
MO-031				Quad In-Line (QUIP) Family	5.08/10.16 (.200/.400") Row Spacing	14
MO-033				Quad In-Line (QUIP) Family	17.78/22.86mm (.700/.900") Row Spacing	42, 52, 64
MO-034				Rectangular Chip Carrier	19.05/23.50 (.750/.925") Row Spacing	42, 64, 52
MO-041				Rectangular Chip Carrier	1.27mm (0.050") Center Type E	18, 20, 28, 32
MO-042				Rectangular Chip Carrier	1.27mm (0.050") Center Type F	18, 20
MO-085				Rectangular Chip Carrier	1.02mm (0.040") Center Leadless Staggered	32
MO-118				Shrink Small Outline (SSOP) Family	SSOP .300" Body Width (.025") Pitch	28, 48, 56, 64
MO-118AA		SSO48	330A			
MO-118AB		SSO56	331A			
MO-118AC		SSO28				
MO-118AD		SSO64				
MO-137				Shrink Small Outline (SSOP) Family	SSOP .150" Body Width (.025") Pitch	14, 16, 18, 20, 24, 28
MO-150				Shrink Small Outline (SSOP) Family	SSOP 5.3mm Body Width (.65mm) Pitch	8, 14, 16, 18, 20, 22, 24, 28, 30
MO-152				Shrink Small Outline (SSOP) Family	.4mm, .5mm, .65mm Pitch Family	8, 14, 16, 20, 24, 28, 36, 40, 48, 52, 56, 60, 64, 68
MO-153				Shrink Small Outline (SSOP) Family	TSSOP 4.4, 5.1, 8mm Body Width Pitch	14
MO-153AB-1			MO-153AB-1	Done	TSSOP 4.4mm Body Width 0.65mm Pitch	
MO-154				Shrink Small Outline (SSOP) Family	SSOP 3.9 Body Width .4mm Pitch	6, 8, 10, 20, 24, 28, 36, 48
MO-209				Shrink Small Outline (SSOP) Family	SSOP No Lead	30
MO-064				SIMM/DIMM Family	2.54mm (.100") Centers 30 Pin SIMM	72
MO-116				SIMM/DIMM Family	1.27mm (0.50") Pitch SIMM	72
MO-160				SIMM/DIMM Family	1.27mm (0.50") Pitch DIMM	72, 84, 88
MO-161				SIMM/DIMM Family	1.27mm (0.50") Pitch DIMM	100, 168
MO-167				SIMM/DIMM Family	1.27mm (0.50") Pitch DIMM	128
MO-172				SIMM/DIMM Family	1.27mm (0.50") Pitch DIMM	112, 200

MO-177						
MO-177				SIMM/DIMM Family	.65mm Pitch SO-DIMM	200
MO-179				SIMM/DIMM Family	1mm Pitch DIMM	278
MO-185				SIMM/DIMM Family	1.27mm (0.50") SDIMM	72
MO-190				SIMM/DIMM Family	0.80mm SO DIMM	144
MO-191				SIMM/DIMM Family	1.27mm (0.50") DIMM	160
MO-206				SIMM/DIMM Family	1.27mm (0.50") DDR DIMM	184
MO-214				SIMM/DIMM Family	.5mm Pitch Micro-DIMM	144
MO-215				SIMM/DIMM Family	1.00mm Pitch SDRAM DIMM	210
MO-224				SIMM/DIMM Family	.60mm Pitch DDR SO-DIMM	200
MO-227				SIMM/DIMM Family	1.00mm Pitch DDR SDRAM	232
MO-237				SIMM/DIMM Family	1.00mm DDRII SDRAM	240
MO-244				SIMM/DIMM Family	DDR2 Mini DIMM 0.60 Lead Centers	244
MO-035				Single-In-Line (SIP) Family	2.54mm (.100") Row Spacing	11, 15, 17, 23
MO-045				Single-In-Line (SIP) Family	3.81mm (.150") Row Spacing	9
MO-055				Single-In-Line (SIP) Family	2.54mm (.100") Row Spacing Ceramic	11, 16
MO-068				Single-In-Line (SIP) Family	2.54mm (.100") Row Spacing Edge Clip	22, 24, 30, 40
MO-141				Single-In-Line (SIP) Family	0.50mm Lead Pitch Vertical Surface Mount	
MO-046				Small Outline (SO) Family	5.3mm (0.200") Body Width Gull-wing	14, 16, 20
MO-059				Small Outline (SO) Family	8.54mm (.330") Body Width Gull-Wing	24, 28
MO-061				Small Outline (SO) Family	9.6mm (.400") Body Width SOJ	28, 32, 36, 40, 44
MO-063				Small Outline (SO) Family	9.0mm (.350") Body Width SOJ	22
MO-065				Small Outline (SO) Family	7.62mm (0.300") Body Width SOJ	24, 26
MO-077				Small Outline (SO) Family	7.62mm (0.300") Body Width SOJ	24, 25, 28, 32
	SOJ 14/300	480A				
	SOJ 16/300	481A				
	SOJ 18/300	482A				
	SOJ 20/300	483A				
	SOJ 22/300	484A				
	SOJ 24/300	485A				
	SOJ 26/300	486A				
	SOJ 28/300	487A				
	SOJ 14/350	490A				
	SOJ 16/350	491A				
	SOJ 18/350	492A				
	SOJ 20/350	493A				
	SOJ 22/350	494A				
	SOJ 24/350	495A				
	SOJ 26/350	496A				
	SOJ 28/350	497A				
	SOJ 14/400	500A				
	SOJ 16/400	501A				
	SOJ 18/400	502A				
	SOJ 20/400	503A				
	SOJ 22/400	504A				
	SOJ 24/400	505A				
	SOJ 26/400	506A				
	SOJ 28/400	507A				
	SOJ 14/450	510A				
	SOJ 16/450	511A				
	SOJ 18/450	512A				
	SOJ 20/450	513A				
	SOJ 22/450	514A				
	SOJ 24/450	515A				
	SOJ 26/450	516A				
	SOJ 28/450	517A				
MO-088				Small Outline (SO) Family	7.62mm (0.300") Body Width SOJ	14, 26, 18, 20, 24, 28
MO-091				Small Outline (SO) Family	9.0mm (.350") Body Width SOJ	26, 28
MO-105				TSOJ		22, 24, 28
MO-117	SO64	332A		Small Outline (SO) Family	12mm Body Width SO Gull-wing .8mm Pitch	64
MO-119	SO24W	307A		Small Outline (SO) Family	SOJ .300" Body Width	24, 28, 32, 36
MO-119AA	SO24W	307A				
MO-119AB	SO28W	309A				
MO-119AC	SO32W	311A				
MO-119AD	SO36W	313A				
MO-120						
MO-120AA	SO24X	308A		Small Outline (SO) Family	SOJ .350" Body Width	24, 28, 32, 36
MO-120AB	SO28X	310A				
MO-120AC	SO32X	312A				
MO-120AD	SO36X	314A				
MO-121				Small Outline (SO) Family	SOJ .330" Body Width	24, 28, 32, 36
MO-123				Small Outline (SO) Family	12mm Body Width .8mm Pitch	64
MO-124				Small Outline (SO) Family	12.7mm Body Width 1.27mm Pitch	32, 34, 36, 40, 70
MO-126				Small Outline (SO) Family	9.6mm (.400") Body Width SO 50mm Pitch	28, 32
MO-174				Small Outline (SO) Family	Plastic SO .8mm Pitch	70
MO-175				Small Outline (SO) Family	SOP 12.6mm Body With	44, 48
MO-180				Small Outline (SO) Family	SO Gull-wing 13.30mm Body Width	44, 56
MO-181				Small Outline (SO) Family	SOJ Metric 16mm Body Width	40
MO-182				Small Outline (SO) Family	Metric Thin SO 16mm Body Width	40, 62, 88, 100
MO-193				Small Outline (SO) Family	6 Lead Thin SO	6
MO-194				Small Outline (SO) Family	Plastic Thin Shrink SO	14, 16, 20, 24, 48, 56, 80, 100
MO-196				Small Outline (SO) Family	Plastic Leadless SO (SON)	28
MO-197				Small Outline (SO) Family	Plastic USON 0.5mm Pitch	40, 46
MO-199				Small Outline (SO) Family	LSOJ	28, 32, 36, 40, 42, 44, 50, 54, 70

Packages and LandPatterns

MO-200			Small Outline (SO) Family	SOJ 2High/4High	32, 44
MO-226			Small Outline (SO) Family	Plastic SO Heat Slug 7.5mm Body Width 1.0mm Pitch	
MO-230			Small Outline (SO) Family	Plastic SO Exposed Heat Sink	20, 30, 36
MO-236			Small Outline (SO) Family	USON	2, 3, 4
MO-178	SOT23		Small Outline (SO) Family		5, 6, 8
MO-178AA	SOT23-5		Small Outline (SO) Family	5 Lead	5
MO-178AB	SOT23-6		Small Outline (SO) Family	6 Lead	6
MO-178BA	SOT23-8		Small Outline (SO) Family	8 Lead	8
MO-203			Small Outline (SO) Family	Shrink SOT	5, 6
MO-223			Small Outline (SO) Family	Shrink SOT	5, 6, 8
					192, 256, 312, 376, 440, 446, 248, 328, 408, 488, 568, 648, 408, 512, 608, 712, 808, 416, 552, 680, 816, 952, 1080
MO-076			TAPEPAK	Molded Carrier Ring Family	
MO-109			TAPEPAK	Molded Carrier Ring Family	
MO-132			Thin Small Outline (TSOP) Family	7.62mm Body TSOP 2	20, 24, 24
MO-133			Thin Small Outline (TSOP) Family	10.16mm Body TSOP 2	28, 32, 44
MO-135			Thin Small Outline (TSOP) Family	12.70mm Body TSOP 2	32, 34, 50, 54
MO-142			Thin Small Outline (TSOP) Family	TSOP 1	24, 32, 40, 48, 56
MO-142AA					
MO-142AB					
MO-142AC					
MO-142AD					
MO-142BA					
MO-142BB					
MO-142BC					
MO-142BD					
MO-142CA					
MO-142CB					
MO-142CC					
MO-142CD					
MO-142DA					
MO-142DB					
MO-142DC					
MO-142DD					
MO-142EA					
MO-142EB					
MO-142EC					
MO-182			Thin Small Outline (TSOP) Family	TSOP2 16mm Body Width	
MO-183			Thin Small Outline (TSOP) Family	TSOP 1 .55 Pitch	28
MO-187			Thin Small Outline (TSOP) Family	TSOP	8
MO-201			Thin Small Outline (TSOP) Family	TSOP II 2High/4High	32
MO-238			Thin Small Outline (TSOP) Family	TSOP II 2High	54, 66
MO-054			ZIG-ZAG (ZIP) Family	2.54mm (.100") Row Spacing	16
MO-072			ZIG-ZAG (ZIP) Family	1.27mm (0.50") Row Spacing	19, 20, 24, 28, 40
MO-080			ZIG-ZAG (ZIP) Family	2.54mm (.100") Row Spacing	23, 26
MO-176			ZIG-ZAG (ZIP) Family	2.54mm (.050") Row Spacing	20, 24, 28
MO-202			ZIG-ZAG (ZIP) Family	R-PZIP .40mm Pitch	64
MO-213			ZIG-ZAG (ZIP) Family	PZIP .40mm Pitch	64
MS-028			Ball Grid Array	Rectangular Plastic BGA, 1.27mm, 1.0mm Pitch	
	R-PBGA 22x14	1080	Ball Grid Array	Rectangular Plastic BGA, 1.27mm Pitch	17x7
	R-PBGA 22x14	1081	Ball Grid Array	Rectangular Plastic BGA, 1.27mm Pitch	17x9
	R-PBGA 25x21	1082	Ball Grid Array	Rectangular Plastic BGA, 1.27mm Pitch	19x11
			Ball Grid Array	Plastic Square BGA 1.0mm, 1.27mm 1.50mm Pitch	
MS-034			Chip Carriers (LCC & PLCC)	Leadless Type A .050" Centers	
MS-002	LCC-100 Type A	838	Chip Carriers (LCC & PLCC)	Leadless Type A .050" Centers	100
MS-002	LCC-124 Type A	839	Chip Carriers (LCC & PLCC)	Leadless Type A .050" Centers	124
MS-002	LCC-156 Type A	840	Chip Carriers (LCC & PLCC)	Leadless Type A .050" Centers	156
MS-003			Chip Carriers (LCC & PLCC)	Leadless Type B .050" Centers	
MS-004			Chip Carriers (LCC & PLCC)	Leadless Type C .050" Centers	
MS-004	LCC-16 Type C	830	Chip Carriers (LCC & PLCC)	Leadless Type C .050" Centers	16
MS-004	LCC-20 Type C	831	Chip Carriers (LCC & PLCC)	Leadless Type C .050" Centers	20
MS-004	LCC-24 Type C	832	Chip Carriers (LCC & PLCC)	Leadless Type C .050" Centers	24
MS-004	LCC-28 Type C	833	Chip Carriers (LCC & PLCC)	Leadless Type C .050" Centers	28
MS-004	LCC-44 Type C	834	Chip Carriers (LCC & PLCC)	Leadless Type C .050" Centers	44
MS-004	LCC-52 Type C	835	Chip Carriers (LCC & PLCC)	Leadless Type C .050" Centers	52
MS-004	LCC-68 Type C	836	Chip Carriers (LCC & PLCC)	Leadless Type C .050" Centers	68
MS-004	LCC-84 Type C	837	Chip Carriers (LCC & PLCC)	Leadless Type C .050" Centers	84
MS-005			Chip Carriers (LCC & PLCC)	Leadless Type D .050" Centers	
MS-006			Chip Carriers (LCC & PLCC)	Leaded Type A .050" Centers	
MS-007			Chip Carriers (LCC & PLCC)	Leaded Type A .050" Centers	
MS-008			Chip Carriers (LCC & PLCC)	Leaded Type B .050" Centers	
MS-009			Chip Carriers (LCC & PLCC)	Leadless Chip Carrier .040" Centers	
MS-014			Chip Carriers (LCC & PLCC)	Leadless Single Layer .040" Centers	
MS-016	Replaced MO-052		Chip Carriers (LCC & PLCC)	Plastic Chip Carrier .050" Centers	
MS-016	PLCC/R-18	810A	Chip Carriers (LCC & PLCC)	Plastic Chip Carrier .050" Centers	
MS-016	PLCC/R-18-L	811A	Chip Carriers (LCC & PLCC)	Plastic Chip Carrier .050" Centers	
MS-016	PLCC/R-22	812A	Chip Carriers (LCC & PLCC)	Plastic Chip Carrier .050" Centers	
MS-016	PLCC/R-28	813A	Chip Carriers (LCC & PLCC)	Plastic Chip Carrier .050" Centers	
MS-016	PLCC/R-32	814A	Chip Carriers (LCC & PLCC)	Plastic Chip Carrier .050" Centers	
MS-018			Chip Carriers (LCC & PLCC)	Plastic Chip Carrier .050" Centers	
MS-001			Dual-In-Line (DIP) Family	.300" Row Spacing	
MS-011			Dual-In-Line (DIP) Family	.400" Row Spacing	
MS-010			Dual-In-Line (DIP) Family	.400" Row Spacing Plastic	

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MS-001		DIP 8	860			Dual-In-Line (DIP) Family	.300" Row Spacing
MS-001		DIP 14	861			Dual-In-Line (DIP) Family	.300" Row Spacing
MS-001		DIP 16	862			Dual-In-Line (DIP) Family	.300" Row Spacing
MS-001		DIP 18	863			Dual-In-Line (DIP) Family	.300" Row Spacing
MS-001		DIP 20	864			Dual-In-Line (DIP) Family	.300" Row Spacing
MS-011		DIP 22L	865			Dual-In-Line (DIP) Family	.400" Row Spacing
MS-001		DIP 24	866			Dual-In-Line (DIP) Family	.300" Row Spacing
MS-011		DIP 24L	867			Dual-In-Line (DIP) Family	.400" Row Spacing
		DIP 24X	868			Dual-In-Line (DIP) Family	
MS-001		DIP 28	869			Dual-In-Line (DIP) Family	.300" Row Spacing
		DIP 28X	870			Dual-In-Line (DIP) Family	
		DIP 40X	871			Dual-In-Line (DIP) Family	
		DIP 48X	872			Dual-In-Line (DIP) Family	
MS-015						Dual-In-Line (DIP) Family	.300"/.400"/.600"/.900" Side Brazed
MS-019						Dual-In-Line (DIP) Family	.300 (.070" Pitch)
MS-020						Dual-In-Line (DIP) Family	.600 (.070" Pitch)
MS-021						Dual-In-Line (DIP) Family	.750 (.070" Pitch)
MS-030						Dual-In-Line (DIP) Family	.300" Row Spacing Ceramic
MS-031						Dual-In-Line (DIP) Family	.400" Row Spacing Ceramic
MS-032						Dual-In-Line (DIP) Family	.600" Row Spacing Ceramic
MS-017						Pin Grid Array (PGA)	Ceramic PGA, 100" Cavity Down
MS-026						Quad FlatPack (QFP)	Plastic 1.0 & 1.4mm Thick, 2mm footprint
MS-022						Quad FlatPack (QFP)	Metric Plastic 1.0, 0.8 and 0.65mm Pitch
MS-029						Quad FlatPack (QFP)	Fine Pitch Plastic QFP 2.6 mm footprint
MS-012						Small Outline (SO & TSOP)	.150" Body Width SO
MS-012AA		SO8	300A	IPC-RLPN-300A	Done		
		SO8W	301A	IPC-RLPN-301A	Done		
MS-012AB		SO14	302A	IPC-RLPN-302A	Done		
		SO14W	303A	IPC-RLPN-303A	Done		
		SO16	304A				
MS-012AC						Small Outline (SO & TSOP)	.300" Body Width SO
MS-013		SO16W	305A				
MS-013AA		SO20W	306A				
MS-023						Small Outline (SO & TSOP)	.300" Plastic SOJ
MS-027						Small Outline (SO & TSOP)	.400" SOJ
MS-024						Small Outline (SO & TSOP)	10.16mm Body TSOPII
MS-025						Small Outline (SO & TSOP)	7.62mm Body TSOPII
TO-5	See TO-205-AA					Axial Leads	Axial Leads, .200 Pin Circle
TO-8	See TO-233-AA					Axial Leads	Axial Leads, .281 Pin Circle
TO-9						Axial Leads	Axial Leads, .200 Pin Circle
TO-12	See TO-205-AB					Axial Leads	Axial Leads, .200 Pin Circle
TO-18	See TO-206-AA					Axial Leads	Axial Leads, .100 Pin Circle
TO-33	See TO-205-AC					Axial Leads	4 Axial Leads, .200 Pin Circle
TO-39	See TO-205-AD					Axial Leads	Axial Leads, .200 Pin Circle
TO-42						Axial Leads	Axial Leads, .200 Pin Circle
TO-46	See TO-206-AB					Axial Leads	Axial Leads, 100 Pin Circle
TO-72						Axial Leads	4 Axial Leads, .100 Pin Circle
TO-73						Axial Leads	12 Axial Leads, .200 Pin Circle
TO-74						Axial Leads	10 Axial Leads, .200 Pin Circle
TO-75						Axial Leads	6 Axial Leads, .200 Pin Circle
TO-76						Axial Leads	8 Axial Leads, .200 Pin Circle
TO-77						Axial Leads	8 Axial Leads, .200 Pin Circle
TO-78						Axial Leads	8 Axial Leads, .200 Pin Circle
TO-79						Axial Leads	8 Axial Leads, .200 Pin Circle
TO-80						Axial Leads	8 Axial Leads, .200 Pin Circle
TO-96						Axial Leads	10 Axial Leads, .230 Pin Circle
TO-97						Axial Leads	10 Axial Leads, .230 Pin Circle
TO-99						Axial Leads	8 Axial Leads, .200 Pin Circle
TO-100						Axial Leads	10 Axial Leads, .230 Pin Circle
TO-101						Axial Leads	12 Axial Leads, .230 Pin Circle
TO-215						Coaxial Type	Coaxial Type
TO-200						Disc Type Family	Disc Type Family
TO-3	See TO-204-AA					Diamond Base	Diamond Base, 0.430 Pin Spacing
TO-37						Diamond Base	Diamond Base, 0.200 Pin Circle
TO-41	See TO-204-AB					Diamond Base	Diamond Base, 0.430 Pin Circle
TO-66						Diamond Base	Diamond Base, 0.200 Pin Spacing
TO-123	See TO-213-AB					Diamond Base	Diamond Base, 0.200 Pin Circle
TO-124	See TO-213-AC					Diamond Base	Diamond Base, 0.200 Pin Circle
TO-87						Double-Ended Flatpack	Double-Ended 14 Lead Flatpack
TO-88						Double-Ended Flatpack	Double-Ended 14 Lead Flatpack
TO-89						Double-Ended Flatpack	Double-Ended 10 Lead Flatpack
TO-90						Double-Ended Flatpack	Double-Ended 10 Lead Flatpack
TO-91						Double-Ended Flatpack	Double-Ended 10 Lead Flatpack
TO-95						Double-Ended Flatpack	Double-Ended 14 Lead Flatpack
TO-250						Dual-In-Package	4 Lead DIP .300" Spacing
TO-204						Flange-Mounted Header Family	Flange-Mounted Header Family .430 Pin Spacing
TO-213						Flange-Mounted Header Family	Flange-Mounted Header .200 Spacing
TO-218						Flange-Mounted Header Family	Flange-Mounted Header
TO-219						Flange-Mounted Header Family	Flange-Mounted Header
TO-220						Flange-Mounted Header Family	Flange-Mounted Header
TO-220-Molded-7Lead-Staggered				TO-220-Molded-7Lead-Staggered			
TO-238						Flange-Mounted Header Family	Flange-Mounted Header, Rectangular
TO-257						Flange-Mounted Header Family	Flange-Mounted Header Family
TO-258						Flange-Mounted Header Family	Flange-Mounted .508 Spacing
TO-259						Flange-Mounted Header Family	Flange-Mounted Header Family
TO-262						Flange-Mounted Header Family	Flange-Mounted Header Family

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TO-264					Flange-Mounted Header Family	Flange-Mounted Header Family
TO-267					Flange-Mounted Header Family	Hermetic Flange-Mounted Header Family
TO-273					Flange-Mounted Package	Plastic Flange Mounted Package, 3 Leads
TO-247					Flange-Mounted Peripheral Terminal	Flange-Mounted Peripheral Terminal
TO-244					Flange-Mounted Rectangular Base	Flange-Mounted Rectangular Base
TO-92					Flat Index Axial Leaded	Axial Leaded, Flat Index
TO-117	See TO-232-AA				Flat Leads	Lateral, 4 Flat Leads
TO-126	See TO-225-AA				Flat Leads	Flat Lead .090" Pin Spacing
TO-256					Flat Mounted Transistor	Flat Mounted Transistor
TO-209					Flexible Terminals	Stud-Hex, Flexible Terminals
TO-205					Header Family	Header Type .200 Pin Circle
TO-206					Header Family	Header Type .100 Pin Circle
TO-236		SOT23	210	IPC-RLPN-210	Done	3-pin SOT
			210W			3-pin SOT Wave Solder
TO-237					Small Outline (SO) Family	Header Family, Flat Index
TO-243		SOT 89	215	IPC-RLPN-215	Done	Header Family, Peripheral Terminal
TO-251					Header Family	Header Family, Peripheral Terminals
TO-252					Header Family	Header Family, Surface Mount
TO-260					Header Family	Ceramic Header Axial 3-Lead
TO-263					Header Family	Surface Mounted Header
TO-263AA					Header Family	Surface Mounted Header
TO-263AB					Header Family	Surface Mounted Header
TO-263BA					Header Family	Surface Mounted Header
TO-263BB					Header Family	Surface Mounted Header
TO-263CA					Header Family	Surface Mounted Header
TO-263CB					Header Family	Surface Mounted Header
TO-268			237	TO-263CB IPC-RLPN-237	Done	Surface Mounted Header R-PSFM-G2
TO-84					Multiple-Ended Flatpack	Multiple-Ended 14-Lead Flatpack
TO-85					Multiple-Ended Flatpack	Multiple-Ended 14-Lead Flatpack
TO-86					Multiple-Ended Flatpack	Multiple-Ended 14-Lead Flatpack
TO-266					Opto Family Insertion Mount	Opto Family Insertion Mount
TO-274					Plastic Clip Mounted Package	Plastic Clip Mounted Package, 3 Leads
TO-265					Power Package	3 Lead Flange Mount Power Package
TO-270					Power Package	Two Lead Surface Mount Power Package
TO-272					Power Package	6-Lead Screw Mount Power Package
TO-275					Power Package	Plastic Flange Mounted Power Package, 2 Leads
TO-271					Quad Flat Pack Surface Mount	Quad Flat Pack Surface Mount Thermally Enhanced Surface Pkg
TO-269					Small Outline	Small Outline Surface Mount 4-Lead
TO-253		SOT 143	225	IPC-RLPN-225	Done	Small Outline Transistor (SOT)
TO-253	Reverse of TO-253 not included by IPC	SOT 143		IPC-RLPN-225R	Done	Small Outline Transistor (SOT)
TO-261	IPC-SM-782 outline grid doesn't work	SOT 223	230	IPC-RLPN-230	Done	Small Outline Transistor (SOT)
TO-208					Solid Terminals	Stud Hex Base Family (Solid Terminals)
TO-208					Solid Terminals	Stud Hex Base Family (Solid Terminals)
TO-94					Stud-Mount Flex Lead	Stud-Mount Flex Lead
TO-216					Stud-Mounted Stripline	Stud-Mounted Stripline
TO-202					Tab-Mounted Peripheral Leads	Tab-Mounted Peripheral Leads
TO-240					Terminal Strip Power Module	Terminal Strip Power Module
TS-004					Flange-Mounted Header Family	Flange-Mounted Header Family
TS-002					Header Family	Header Family Insertion Mount (Peripheral Terminals)
TS-003	TO-252 (IPC-SM-782)		235A	IPC-RLPN-235A	Done	Header Family Surface Mounted (Peripheral Terminals)
TS-001	TO-263 (IPC-SM-782)				2 Lead Header Family Surface Mount	Plastic Single-In-line Flange-Mounted
TS-005			236	IPC-RLPN-236	Done	Surface-Mounted Header Family
			100A	IPC-RLPN-100A	Done	Chip Resistors mm [in]
			101A	IPC-RLPN-101A	Done	Chip Resistors mm [in]
			102A	IPC-RLPN-102A	Done	Chip Resistors mm [in]
			103A	IPC-RLPN-103A	Done	Chip Resistors mm [in]
			104A	IPC-RLPN-104A	Done	Chip Resistors mm [in]
			105A	IPC-RLPN-105A	Done	Chip Resistors mm [in]
			106A	IPC-RLPN-106A	Done	Chip Resistors mm [in]
			100W			Chip Resistors Wave Solder mm [in]
			101W			Chip Resistors Wave Solder mm [in]
			102W			Chip Resistors Wave Solder mm [in]
			103W			Chip Resistors Wave Solder mm [in]
			104W			Chip Resistors Wave Solder mm [in]
			105W			Chip Resistors Wave Solder mm [in]
			106W			Chip Resistors Wave Solder mm [in]
			130A	IPC_RLPN_130A	Done	Chip Capacitors mm [in]
			131A	IPC_RLPN_131A	Done	Chip Capacitors mm [in]
			132A	IPC_RLPN_132A	Done	Chip Capacitors mm [in]
			133A	IPC_RLPN_133A	Done	Chip Capacitors mm [in]
			134A	IPC_RLPN_134A	Done	Chip Capacitors mm [in]
			135A	IPC_RLPN_135A	Done	Chip Capacitors mm [in]
			136A	IPC_RLPN_136A	Done	Chip Capacitors mm [in]
			137A	IPC_RLPN_137A	Done	Chip Capacitors mm [in]
			160A	IPC-RLPN-160A	Done	Inductors
			161A	IPC-RLPN-161A	Done	Inductors
			162A	IPC-RLPN-162A	Done	Inductors
			163A	IPC-RLPN-163A	Done	Inductors
			164A	IPC-RLPN-164A	Done	Inductors
			165A	IPC-RLPN-165A	Done	Inductors

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166A	IPC-RLPN-166A	Done	Inductors	5038 Prec. w/w	
167A	IPC-RLPN-167A	Done	Inductors	3225/3220 Molded	
168A	IPC-RLPN-168A	Done	Inductors	4035 Molded	
169A	IPC-RLPN-169A	Done	Inductors	4532 Molded	
170A	IPC-RLPN-170A	Done	Inductors	5650 Molded	
171A	IPC-RLPN-171A	Done	Inductors	8530 Molded	
180A	IPC_RLPN_180A	Done	Done	Tantalum Capacitors mm	3216 [1208]
181A	IPC_RLPN_181A	Done	Done	Tantalum Capacitors mm	3528
182A	IPC_RLPN_182A	Done	Done	Tantalum Capacitors mm	6032
183A	IPC_RLPN_183A	Done	Done	Tantalum Capacitors mm	7343
201A	IPC-RLPN-201A	Done	Metal Electrode Face (MELF) Components	SOD-87/MILL 41 Diode	
202A	IPC-RLPN-202A	Done	Metal Electrode Face (MELF) Components	2012 [0805] Resistor	
203A	IPC-RLPN-203A	Done	Metal Electrode Face (MELF) Components	3216 [1208] Resistor	
204A	IPC-RLPN-204A	Done	Metal Electrode Face (MELF) Components	3516 [1406] Resistor	
205A	IPC-RLPN-205A	Done	Metal Electrode Face (MELF) Components	5923 [2309] Resistor	

SOT 89 215 Small Outline Transistors TO-243

SOP 6 360A Small Outline Package
 SOP 8 361A Small Outline Package
 SOP 10 362A Small Outline Package
 SOP 12 363A Small Outline Package
 SOP 14 364A Small Outline Package
 SOP 16 365A Small Outline Package
 SOP 18 366A Small Outline Package
 SOP 20 367A Small Outline Package
 SOP 22 368A Small Outline Package
 SOP 24 369A Small Outline Package
 SOP 28 370A Small Outline Package
 SOP 30 371A Small Outline Package
 SOP 32 372A Small Outline Package
 SOP 36 373A Small Outline Package
 SOP 40 374A Small Outline Package
 SOP 42 375A Small Outline Package

TSOP 6x14	390A	Thin Small Outline (TSOP) Family	16
TSOP 6x16	391A	Thin Small Outline (TSOP) Family	24
TSOP 6x18	392A	Thin Small Outline (TSOP) Family	28
TSOP 6x20	393A	Thin Small Outline (TSOP) Family	36
TSOP 8x14	394A	Thin Small Outline (TSOP) Family	24
TSOP 8x16	395A	Thin Small Outline (TSOP) Family	32
TSOP 8x18	396A	Thin Small Outline (TSOP) Family	40
TSOP 8x20	397A	Thin Small Outline (TSOP) Family	52
TSOP 10x14	398A	Thin Small Outline (TSOP) Family	28
TSOP 10x16	399A	Thin Small Outline (TSOP) Family	40
TSOP 10x18	400A	Thin Small Outline (TSOP) Family	48
TSOP 10x20	401A	Thin Small Outline (TSOP) Family	64
TSOP 12x14	402A	Thin Small Outline (TSOP) Family	36
TSOP 12x16	403A	Thin Small Outline (TSOP) Family	48
TSOP 12x18	404A	Thin Small Outline (TSOP) Family	60
TSOP 12x20	405A	Thin Small Outline (TSOP) Family	76

CoilCraft Power Inductors

SER1360		SER1360	Done
SLC7530-SC	Single Connector	SLC7530-SC	Done
SLC7530-DC-SM	Dual Connector – Series Mode	SLC7530-DC-SM	Done
SLC7530-DC-PM	Dual Connector – Parallel Mode	SLC7530-DC-PM	Done
SLC7530-DC-TWM	Dual Connector – Two Winding Mode	SLC7530-DC-TWM	Done
DO3316 Series		DO3316	Done
DO1608 Series		DO1608	Done

Vishay Sprague Capacitors

594 Series	B Body	SMT-Cap-B	Done
	C Body	SMT-Cap-C	Done
	D Body	SMT-Cap-D	Done
	R Body	SMT-Cap-R	Done

Components

Top Level	Description
Voltage regulator	N Channel FET Synchronous Buck Regulator Controller for Low Output Voltages
Voltage regulator	Simple Switcher ® 5 Amp Step Down Voltage Regulator with Adjustable Current Limiter
FET	
ConfigurationPROMS	Platform Flash In-System Programmable Configuration PROMS

Components

Manufacturer	Manufacturer Part Number	Packages
National Semiconductor	LM-2737	MO-153AB-1
National Semiconductor	LM-2679	TO-263, (TO-220-molded-7Lead-Staggered), LLP-14
Xilinx	XCF16P	MO210AD-1, MO-142DD

Diodes

Manufacturer	Description	Part number	JEDEC JEP-95	Package	Symbol Status
Vishay	Silicon Epitaxial Planar Zenor Diode	BZT55-series	DO-213 AA	SOD-80	

Pack and Land Pattern Standards

MIL-PRF-55365/4 (CWR06)