



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Packing Letter	3NC	Packing Type Short Name	Packing Type Description	Short Packing Type Description
E	551	TRAYBDP	STANDARD MARKING * TRAY DRY PACK, BAKEABLE, SINGLE	Tray Dry Pack, Bakeable, Single
F	135	REELLG	DONTUSE REEL 13" Q1/T1 *STANDARD MARK SMD LARGE PQ	Reel Pack, SMD, Large
H	125	REELR	REEL 7" Q3/T4 *STANDARD MARK	Reel Pack, 7" Q3/T4
J	118	REEL13	REEL 13" Q1/T1 *STANDARD MARK SMD	Reel Pack, SMD, 13" Q1/T1
K	557	TRAYDPM	STANDARD MARKING * TRAY DRY PACK,BAKEABLE,MULTIPLE	Tray Dry Pack, Bakeable, Multiple
M	699	SPEC	SEE SPEC. ON ORDER FOR MARKING, BRANDING, PACKING	See specification on order for Marking, Branding, Packi
Q	127	RAILH	STANDARD MARKING * HORIZONTAL, RAIL PACK	Horizontal, Rail Pack
R	215	REELLP	REEL 7" Q3/T4 *STANDARD MARK SMD LOW PROFILE	Reel Pack, SMD, 7" Q3/T4 Low Profile
S	512	TUBEDP	STANDARD MARKING * TUBE DRY PACK	Tube Dry Pack
U	112	TUBE-BULK	STANDARD MARKING * IC'S TUBE - DSC BULK PACK	Bulk Pack
V	5	FOIL	NO MARKING * CHIPS ON WAFER, PRE-SAWN, ON FFC	Chips on Wafer, Pre-Sawn, On FFC
X	115	REEL7	REEL 7" Q1/T1 *STANDARD MARK SMD	Reel Pack, SMD 7" Q1/T1
Y	518	REEL13DP	REEL 13" Q1/T1 *STANDARD MARK SMD DP	Reel Dry Pack, SMD, 13" Q1/T1
EL	157	TRAYBM	STANDARD MARKING * TRAY PACK, BAKEABLE, MULTIPLE	Tray Pack, Bakeable, Multiple
EP	412	BULK	STANDARD MARKING * BULK PACK,STRAIGHT LEADS(TO-92)	Bulk Pack, Straight Leads (TO-92)
FL	113	REELA52	STANDARD MARKING * REEL PACK,AXIAL,STANDARD,52MM	Reel Pack, Axial, Standard
FP	129	TUBESM	STANDARD MARKING * TUBE SMALL	
HL	653	REEL13	DONTUSE REEL 13" Q1/T1 *STANDARD MARK SMD (CECC)	Reel Pack, SMD, 13", Q1/T1 CECC
HP	128	RAIL13T	REEL 13" Q2/T3 *STANDARD MARK SMD	Reel Pack, SMD, 13", Q2/T3
JL	652	TUBE-BULK	STANDARD MARKING - TUBE , CECC	Bulk Pack, CECC
JP	599	SPEC	NO MARKING * KIT PACKING	Kit Packing
KL	602	TUBE-BULK	STANDARD MARKING - TUBE (SIGNETICS)	Tube (Signetics)
KP	26	WAFLM	NO MARK * DIE IN WAFFLE CARRIERS 2"	Die In Waffle Carriers
ML	126	AMMOR	STANDARD MARKING * AMMOPACK, RADIAL	Ammopack, Radial
MP	528	REEL13TDP	REEL 13" Q2/T3 *STANDARD MARK SMD DP	Reel Dry Pack, SMD, 13",Q2/T3
QL	151	TRAYB	STANDARD MARKING * TRAY PACK, BAKEABLE, SINGLE	Tray Pack, Bakeable, Single
QP	116	REEL48	STANDARD MARKING * REEL PACK, 48MM WIDE, 400MM DIA	Reel Pack, Radial
RL	133	AMMOA52	STANDARD MARKING * AMMOPACK, AXIAL, 52M	Ammopack, Axial, 52mm
RP	143	AMMOA26	STANDARD MARKING * AMMOPACK, AXIAL, 26MM	Ammopack, Axial, 26mm
SL	15	JAR	NO MARKING * WAFER, NOT MEASURED, DEL AS WAFER	Wafer, Not Measured, Del as Wafer
SP	122	Stick-Coin	STANDARD MARKING * STICK & COINS	Bulk Pack
UL	598	SPEC	NO MARKING * BOARDS	
UP	25	JAR	NO MARKING*CHIPS ON WAFER, UN-SAWN, ELECTR TESTED	Chips on Wafer, Un-Sawn, Electrical Tested
VL	235	REELGLP	REEL 11" Q3/T4*STANDARD MARK SMDLOWPROFILE LARGE PQ	Reel Pack, SMD, 11" Q3/T4 Low Profile, Large
VP	529	TUBESMDP	STANDARD MARKING * TUBE SMALL, DRYPACK	
XL	132		DONTUSE REEL 7" Q1/T1,Q3/T4 *STANDARD MARK SMD	
XP	623	REEL13	DONTUSE REEL 13"Q1/T1*STANDARD MARK SMD(SIGNETICS)	
YL	315	REELP2	REEL 7" Q1/T1 *STANDARD MARK SMD PITCH2MM	Reel Pack, SMD, 7" Q1/T1 Pitch 2mm
YP	163	AMMOA52M	DTANDARD MARKING * MULTI PACK, AMMO, AXIAL, 52MM	Multi Pack, Ammo, Axial, 52mm
Z	0	TRANSPACK	TRANSPORT PACKING	
Z	2	TUBE-BULK	NO MARKING * IC'S TUBE - DSC BULK PACK	Bulk Pack
Z	3	FOIL	NO MARK * CHIPS ON WAFER,Single P, PRE-SAWN ON FFC	
Z	6	FOIL	NO MARKING * CHIPS ON WAFER, UNSAWN, ON FFC	
Z	7	FOILLPQ	NO MARK*CHIPS ON WFR,SAWN ONFFC,LARGE PQ,CONDUCTIVE	Chips on Wafer, Sawn, Large, Conductive
Z	8	*****	NO MARKING * NOPACKING, TECHN.ENDPROD.FOR DOC.PUR.	No Packing, Techn.Endprod. for Doc. Purposes
Z	12	REEL7SMDP	REEL 7" Q1/T1 *SPECIAL MARK CHIPS DP	Reel Dry Pack 7", Q1/T1

Packing Letter	3NC	Packing Type Short Name	Packing Type Description	Short Packing Type Description
Z	13	REEL13T180	DONTUSE REEL 13" Q4/T2 *STANDARD MARK	
Z	14	REEL7SM	REEL 7" Q1/T1 *SPECIAL MARK CHIPS	Reel Pack 7" Q1/T1 Special Mark
Z	17	WAFER8"	NO MARKING * WAFER 8", NOT MEAS. DELIV. AS WAFER	
Z	19	REEL13SMDP	REEL 13" Q1/T1 *SPECIAL MARK CHIPS DP	Reel Dry Pack 13", Q1/T1
Z	21	REEL13SM	REEL 13" Q1/T1 *SPECIAL MARK CHIPS	Reel Pack 13", Q1/T1
Z	23	REEL7	REEL 7" Q1/T1 *STANDARD MARK CIRCUIT ELEMENT	Reel Pack 7" Q1/T1
Z	24	JAR	NO MARKING*CHIPS ON WAFER,PRE-SAWN,IN PLASTIC JARS	Chips on Wafer, Pre-Sawn,In Plastic Jars
Z	27	REEL7	REEL 7" Q1/T1 *NO MARK CIRCUIT ELEMENT	Circuit Element Packed On Reel 7" Q1/T1
Z	28	WAFI	NO MARKING * DIE IN SINGLE WAFFLE CARRIERS	Die in Single Waffle Carriers
Z	29	PUTA	REEL 7" Q1/T1 *NO MARK DIE MOUNTED ON PUNCHED TAPE	Reel Pack 7" Q1/T1, No Mark
Z	31	FOAMSHL	NO MARK*CHIPS ON WAFER UNSAWN ELCTRTESTED SHELL FB	
Z	32	REEL13NM	NO MARKING * CIRCUIT ELEMENT PACKED ON REEL13"	Circuit Element Packed On Reel 13"
Z	33	WAFI3	NO MARK * DIE IN WAFFLE CARRIERS 3"	Die In Waffle Carriers 3"
Z	34	REEL7BDDP	REEL 7" Q1/T1 *STANDARD MARK BONDPAD-DOWN DP	Reel Pack 7" Q1/T1 Bondpad Down
Z	35	REEL7BUDP	REEL 7" Q1/T1 *NO MARK BONDPAD-UP DP	Reel Pack 7" Q1/T1 Bondpad Up
Z	36	REEL7BU	REEL 7" Q1/T1-Q2/T3*MEGABUMP NO MARK BONDPAD-UP	Reel Pack 7" Q1/T1-Q2/T3, Bondpad Up
Z	37	REEL7MBU	REEL 7" Q1/T1-Q3/T4*MEGABUMP NO MARK BONDPAD-UP	Reel Pack 7" Q1/T1-Q3/T4, Bondpad Up
Z	38	REEL7PTBU	REEL 7" Q1/T1 *PUNCH TAPE NO MARK BONDPAD-UP DP	Reel Dry Pack 7" Q1/T1 Bondpad Up
Z	39	REEL7PTABU	REEL 7" Q2/T3 *PUNCH TAPE NO MARK BONDPAD-UP DP	Reel Dry Pack 7" Q2/T3 Bondpad Up
Z	41	REEL7UDP	REEL7" Q2/T3 *SPECIAL MARK CHIPS DP	Reel Dry Pack 7" Q2/T3
Z	42	REEL7UNM	REEL7" Q2/T3 *SPECIAL MARK CHIPS	Reel Pack 7" Q2/T3
Z	43	REEL13UDP	REEL 13" Q2/T3 *SPECIAL MARK CHIPS DP	Reel Dry Pack 13" Q2/T3
Z	44	REEL13U	REEL13" Q2/T3 *SPECIAL MARK CHIPS	Reel Pack 13" Q2/T3
Z	45	WFRSFFCC	NO MARK * CHIPS ON WAFER, SAWN ON FFC CONDUCTIVE	Chips on Wafer, Sawn Conductive
Z	47	WFRSFFCNC	NO MARK*CHIPS ON WFR, SAWN ON FFC, NON COND	Chips on Wafer, Sawn Non Conductive
Z	48	WFRUPNC	NO MARK*CHIPS ON WFR,UNSAWN IN PLAST JARS,NON-COND	Chips on Wafer, Unsaawn Non Conductive
Z	111	TRAY	STANDARD MARKING * TRAY PACK, SINGLE	Tray Pack, Single
Z	114	TRADE	STANDARD MARKING * TRADE PACK	Trade Pack
Z	117	TRAYM	STANDARD MARKING * TRAY PACK, MULTIPLE	Tray Pack, Multiple
Z	119	REEL360	STANDARD MARKING * REEL PACK, SMD, 360MM	Reel Pack, SMD, 360mm
Z	131		DONTUSE REEL 7" Q1/T1 *STANDARD MARK SMALLPQ	
Z	134	REEL13 LARGE PQ	DONTUSE REEL 13" Q1/T1 *STANDARD MARK SMD LARGE PQ	
Z	136	REELRR	STANDARD MARKING * REEL PACK, RADIAL, REVERSE	Reel Pack, Radial, Reverse
Z	137	REEL PACK LARGE	REEL 13" Q2/T3 *STANDARD MARK RADIAL	
Z	138	REEL PACK	DONTUSE REEL 13" Q1/T1 *STANDARD MARK SMALLPQ	
Z	139	REEL13Q4	REEL 13" Q4/T2 *STANDARD MARK	Reel 13" Q4/T2
Z	145	REELM	MULTI-REEL 7" Q1/T1 *STANDARD MARK SMD	Multi-Reel Pack, SMD
Z	146	REEL270DEGREET	REEL 7" Q4/T2 *STANDARD MARK	
Z	147	REEL90DEGREET	REEL 7" Q2/T3 *STANDARD MARK	
Z	148		STANDARD MARKING * SMD, BULK	Bulk Pack, SMD
Z	153	AMMOAS	STANDARD MARKING * AMMOPACK, AXIAL, SMALL	Ammopack, Axial, Small
Z	155	SMMRPSMDL	STANDARD MARKING * MULTI REEL PACK, SMD, LARGE	Multi-Reel Pack, SMD, Large
Z	162	TUBE-BULK -S	STANDARD MARKING *IC'S TUBE - DSC BULK (SPECIAL)	Bulk Pack, Tube
Z	165	REELLGR	REEL 11" Q3/T4 *STANDARD MARK SMD LARGE PQ	Reel Pack, SMD, Large, Reverse
Z	166	REEL48-S	STANDARD MARKING *REEL 14" 48MM (SPECIAL)	Reel Pack 14"
Z	173	AMMOA26M	STANDARD MARKING * MULTI PACK, AMMO, AXIAL, 26MM	Multi Pack, Ammo, Axial, 26mm

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Z	176	AMMOR-S	STANDARD MARKING * AMMOPACK, RADIAL (SPECIAL)	
Z	183	REEL52M	STANDARD MARKING * MULTI PACK, REEL, AXIAL, 52MM	Multi Pack, Reel, Axial, 52mm
Z	184	REEL7SMD	REEL 7" Q1/T1 *STANDARD MARK SMD	Reel 7" Q1/T1 SMD
Z	185	REEL4PM	MULTI-REEL 7" Q3/T4 *STANDARD MARK SMD PITCH4MM	Multi-Reel Pack, SMD, 7" Q3/T4 Pitch 4mm
Z	193	REELLG4PM	STANDARD MARKING * MULTI PACK,REEL,AXIAL,PITCH 4MM	Multi Pack, Reel, Axial, Pitch 4mm
Z	195	REELRP4M	MULTI-REEL 7" Q3/T4 *STANDARD MARK SMD PITCH4MM	Multi-Reel Pack, SMD, 7" Q3/T4 Pitch 4mm
Z	225	SMBPSMDLPR	REEL 7" Q3/T4 *STANDARD MARK SMD PITCH2MM	Reel Pack, SMD, 7" Q3/T4 Pitch 2mm
Z	314	REELSP2	REEL 7" Q1/T1 *STANDARD MARK SMD PITCH2MM SMALLPQ	Reel Pack, SMD, 7" Q1/T1 Small, Pitch 2mm
Z	335	REELLGP2	REEL 11" Q1/T1 *STANDARD MARK SMD PITCH2MM LARGE PQ	Reel Pack, SMD, 11" Q1/T1 Large, Pitch 2mm
Z	413	BULK-S	STANDARD MARKING * BULK,STRAIGHT LEADS(SPECIAL)	Bulk Pack, Straight Leads
Z	511	TRAYDP	STANDARD MARKING * TRAY DP,NON BAKEABLE,SINGLE	
Z	515	REEL7DP	REEL 7" Q1/T1 *STANDARD MARK DP	Reel Dry Pack, 7" Q1/T1
Z	516	REEL48DP	STANDARD MARKING*REEL PACK,48MM,400MM DIA,DRYPACK	Reel Pack, 48mm wide, 400mm diameter, drypack
Z	517	TRAYDPM	STANDARD MARKING*TRAY DRYPACK,NONBAKEABLE,MULTIPLE	Tray Dry Pack, Non Bakeable, Multiple
Z	523	REEL35DP	STANDARD MARKING*REEL PACK,35MM,400MM DIA,DRYPACK	Reel Pack, 35mm wide, 400mm diameter, drypack
Z	531	REEL48-530DP	DONTUSE REEL 7" Q1/T1 *STANDARD MARK SMALLPQDP	
Z	534	REEL13 DP LPQ	DONTUSE REEL13"Q1/T1*STANDARD MARK SMD LARGE PQ DP	
Z	538	REEL PACK	DONTUSE REEL 13" Q1/T1 *STANDARD MARK SMALLPQ DP	
Z	547	REEL DP 7	REEL 7" Q2/T3 *STANDARD MARK SMD DP	Reel Dry Pack, SMD, 7" Q2/T3
Z	558	REEL13DPS	REEL 13" Q1/T1 * STANDARD MARK CT24MM DP	Reel Dry Pack 13" Q1/T1
Z	596	SM KIT	STANDARD MARKING * KIT PACKING	
Z	597	SPEC	NO MARKING * MODULE PACKING	
Z	613	REELA	STANDARD MARKING - REEL PACK, AXIAL, CECC	Reel Pack, Axial, CECC
Z	698	SPEC	ST.PACKING - MARKING BRANDING AS SPEC ON ORDER,13"	Marking Branding as specified on order, 13"
Z	801	NOPACKING	NO MARKING * NO PACKING, TECHN.ENDPROD. FOR DOCUM.	No Packing, Techn.Endprod. for Doc. Purposes
Z	802	NOPACKING	NO MARKING * NO PACKING, TECHN.ENDPROD. FOR DOCUM.	No Packing, Techn.Endprod. for Doc. Purposes
Z	803	NOPACKING	NO MARKING * NO PACKING, TECHN.ENDPROD. FOR DOCUM.	No Packing, Techn.Endprod. for Doc. Purposes
Z	804	NOPACKING	NO MARKING * NO PACKING, TECHN.ENDPROD. FOR DOCUM.	No Packing, Techn.Endprod. for Doc. Purposes
Z	805	NOPACKING	NO MARKING * NO PACKING, TECHN.ENDPROD. FOR DOCUM.	No Packing, Techn.Endprod. for Doc. Purposes
Z	806	NOPACKING	NO MARKING * NO PACKING, TECHN.ENDPROD. FOR DOCUM.	No Packing, Techn.Endprod. for Doc. Purposes
Z	807	NOPACKING	NO MARKING * NO PACKING, TECHN.ENDPROD. FOR DOCUM.	No Packing, Techn.Endprod. for Doc. Purposes
Z	808	NOPACKING	NO MARKING * NO PACKING, TECHN.ENDPROD. FOR DOCUM.	No Packing, Techn.Endprod. for Doc. Purposes
Z	809	NOPACKING	NO MARKING * NO PACKING, TECHN.ENDPROD. FOR DOCUM.	No Packing, Techn.Endprod. for Doc. Purposes
Z	815	REEL7 S	STANDARD MARKING * REEL PACK, SMD, 7" SPECIAL	
Z	818	REEL13 S	STANDARD MARKING * REEL PACK, SMD, 13" SPECIAL	
Z	825	REEL REV S	STANDARD MARKING * REEL PACK, REVERSE SPECIAL	
Z	918	REEL 13 DP S	REEL 13" Q1/T1 *STANDARD MARK SMD SPECIAL DP	
Z	991	SW	PRODUCT SHIPPED WITHOUT PHYSICAL MEDIUM	Product Shipped without Physical Medium
Z	992	CDROM	PRODUCT SHIPPED ON CDROM	Product Shipped on CDROM
Z	993	USB STICK	PRODUCT SHIPPED ON USB STICK	Product Shipped on USB Stick
Z	994	PHYS MED	PRODUCT SHIPPED WITH PHYSICAL MEDIUM	Product Shipped with Physical Medium