

2024年

AI

# Electronic Components Sales Market Analysis and Forecast

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# Chart

5ZSdf #, 3` S`ke[e aX ? S`ad 7hW fe S` V ;\_ bSUfe I adfZk aX 3ffW f[a` [` fZW  
EW\_ [Ua` VgUfadEgbb`k 5ZS[ ` [ \$" \$&////////////////////////2%

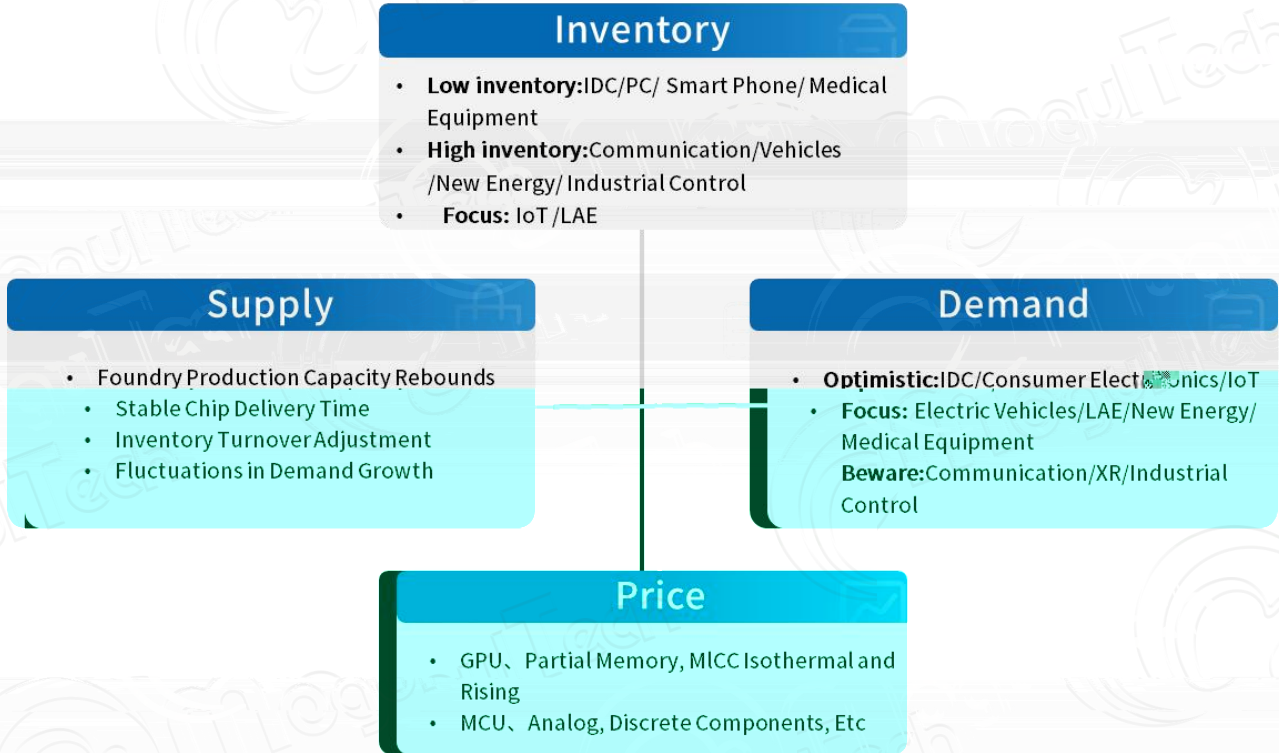
5ZSdf \$#, 3hWdSYW DWWhW gW S` V @Wf BdaXf FdW Ve aX Fab 7^WUfcd` [U 5a` fdSUf  
? S` gXSUfgdWf ~~~~~~\$\*  
5ZSdf \$\$, 6WhWab\_ W f 8adWUSeF Xad7? E!A 6? !A 7? [ ` \$" '\$' ~~~~~~\$\*  
5ZSdf \$%, 9dai fZ S` V 8adWUSeF aX ? S[ ` 3bb^fUSf[a` ? Sd] Wfe aX 7^WUfcd` [U  
5a\_ ba` W fe Xba\_ \$" \$# fa \$" '\$' ~~~~~~%#  
5ZSdf \$&, FdW V aXfZW3hWdSYWDWhW gW9dai fZ DSfWaXHSd[age Babg^SdFWd\_ [ S^  
3bb^fUSf[a` ? S` gXSUfgdWf ~~~~~~%\$  
5ZSdf '\$', 3hWdSYW;` hW fack aX? S^ad3bb^fUSf[a` ? S` gXSUfgdWf ~~~~~~%  
5ZSdf \$(, 8adWUSeF aX fZW 6WhWab\_ W f aX 7^WUfcd` [U 5a\_ ba` W fe [ ` =VK  
;` UdW\_ W fS^? Sd] Wfe [ ` \$" '\$' ~~~~~~%&  
5ZSdf \$), @H;6;3 3; EWhWd EZai S DWSf[hWk >SdW;` UdWSeW[` HS^gW5a\_ bSdW  
i [fZ 9W WdS^ZbgdcaeWEWhWd ~~~~~~%(  
5ZSdf \$\*, 9dai fZ 8adWUSeF XadfZWEgbb^k 5ZS[ ` e aX3;ZdWSfW E i [FUZWe S` V A bf[US^  
? aVg Wf ~~~~~~%+  
5ZSdf \$+, ;` UdW\_ W f E [fgSf[a` aX5a` eg\_ Wd 7^WUfcd` [U BdaVgUfe g` VWd 3; GbYdSVWe  
~~~~~&"  
5ZSdf %', ;` UdW\_ W f E [fgSf[a` aX3gfa\_ af[hW5Z [be 6d[hW Tk 3; ~~~~~~&#  
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5ZSdf %) , =VK ahWdWSe bdaVgUf[a` USbSU[fk ^Skagf aX5Z[` Sie bZafaha^fS[U [ ` Vgefck





## Bda ^a YgW

# Fluctuations Rebound



# DWh[W aX fZW7^WUfda` [U 5a\_ ba` W fe ;` Vgefdk

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>aa] [ Y TSU] a` \$" \$& bdaT`W\_ e egUZ Se fZW i V[S] Vai ` i SdV fdW V aX f  
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 eW\_ [Ua` VgUfad eS`Ve ZShW dMT ag` VWW efda` Y`kz 8da\_ fZW bWebWUf[hW aX fZW  
 WUfda` [U Ua\_ ba` W f egbb`k UZS[ f fZW VW[hWdk f[ W aX UZ[be [ hSd[age USfW  
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a\_ WZShW dM ag` VWV e[Y` [XUS` f'kž FZW VW[hWk dZkfZ\_ aX Ugefa\_ Wde [e efST^  
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 ` gage aeU[^Sf[a` aX fZW egbb`k UZS[ ž >aa][` Y Xad SdV fa fZW` W kVŠd S`fZ  
 agYZ fZW efdgUfgdS^ V[XWVW f[Sf[a` [ fZW Y`aTS^ eW\_ [Ua` VgUfad \_ Sd] W ef[^ Vy  
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 ` Vy bWUFWWt fZW ahWŠ^ Ydai fZ fdW V [e efST` W S` V fZW [ Vgefdk [e YdSVgS`k  
 W fWd[ Y S` gbi SdV UkUWž

;` \$" \$& ba`[uk S` V fSd[X UZS` YWē ZSV S e[Y` [XUS` f [ \_ bSuf a` fZW Y`aTS^  
 WWUfda` [U Ua\_ ba` W f egbb`k UZS[ ž FZWGE XgdZWdf[YZfW VW [fe Ua` fda`e a` 5Z[ S[  
 S` V fZW 7G Suf[hWk bda\_ afWV fZW SV`gef\_ W f aX fSd[Xe a` WWUfd[U hVZ[UWē  
 [ badfW Xda\_ 5Z[ Sž FZW SXfWVWUfe aX Fdg\_ bie dW Ž WWUf[a` h[Ufack ZShW  
 [ fW e[XW Y`aTS^ Ua` X[Ufe [ XWVe egUZ Se eW\_ [Ua` VgUfada WWUfd[U hVZ[UWē  
 Sd[XU[S^ [ fW`[YW UW` W W WdYk[ S` V Ua` eg\_ Wd WWUfda` [Uež@afST`k[ ;` fW[e XSU` Y  
 V[XUg`f[Wē S` V I F ZSe egdbSeeWV 3dai fa dS` ] Xdef [ dW hW gW [ V[USf[ Y  
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 5Z[ WēW UZ[b \_ S` gXUfgdWē ZShW TWV US` UW`W ad U`aeWV Vai `t S` V fZW  
 eW\_ [Ua` VgUfad[ Vgefdk i [^ef[^XSUMUZS`W YWē [ fZW Ua\_ [ Y kVŠdž

5ZSd #, 3` S`ke[eaX? S`ad7hW feS` V;\_ bSufeI adfZk aX3ffW f[a` [ fZW

EW\_ [Ua` VgUfadEgbb`k 5ZS[ [ \$" \$&

| @až | 7hW f                         | ;_ bSuf 3` S`ke[fe                            | ;` ha`hW<br>;` Vgefd[Wē Bda VgUfe                     | 3XWUFW<br>? S` gXUfgdWē       |
|-----|-------------------------------|-----------------------------------------------|-------------------------------------------------------|-------------------------------|
| #   | Fdg_ bie dWVWUf[a`<br>h[Ufack | Baee[T`WgbYdSVW<br>aXdWēfd[Uf[a` ea`<br>5Z[ S | EW_ [Ua` VgUfada 3;†<br>Sgfa_ aT[Wē` W<br>W WdYk[ WUž | @H:6;3† ;` fW†<br>F Wē`S† WUž |

| @až | 7hW f                         | ;_ bSuf 3` S`ke[e | ;` ha`hW<br>;` VgefdM! Bda VgUfe | 3XXUfW<br>? S` gXSUfgdWte |
|-----|-------------------------------|-------------------|----------------------------------|---------------------------|
| \$  | ;fd'he<br>F Z W8VW WdS^DWdWdf |                   |                                  |                           |

| @až | 7hW f                                                                                               | ;- bSUF 3` S'ke[e                                                                                          | ;- ha`hVW<br>;- Vgefd[Ve] Bda VgUfe           | 3XWUFWW<br>? S` gXSUfgdVde                                |
|-----|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------|
|     | 'ai ŽS'f[fgVWWUa` a_ k                                                                              | WUa` a_ kZdWSFWW<br>[- Vgefd[Ve]                                                                           | Sh[Sf[a` t WUž                                | 7: S` Yf ? ? 5t WUž                                       |
| #"  | ;- fWte eVhVdW'aeeVde<br>^WSV fa 'SkaXef eS'Sok<br>Ugfe[ S` V baee[T' W<br>Tge[ Vde eb'ff[ Y        | FZWY'aTS^<br>eW_ [Ua` VgUfad<br>[- Vgefck geZVde [-<br>S dVezgXW                                           | 5BGt 8B93t B5t<br>EvdhVd WUž                  | ;- fWt 3? 6t<br>@H;6;3t WUž                               |
| ##  | FE? 5!ES_ eg` Y Ugfe<br>aXfZWegbb'k aX) ` _<br>fa 5Z[- S                                            | ;- bSUF[- Y<br>Va_ Vef[UUZ[b<br>_ S` gXSUfgdVde<br>dWSFWW fa<br>SVhS` UW<br>_ S` gXSUfgd[- Y<br>bdaUVdeVde | 3;t? aT[ 'WbZa` Vde<br>3gfa_ aT[ 'Vde WUž     | : gSi Wt<br>5S_ Td[Ua` t<br>9VWkt: kYa` t<br>3'TSTSt WUž  |
| #\$ | 4aeUZt L8t S` V afZWd<br>Sgfa_ af[hWF [Vd#<br>Ua_ bS` [Vde efSd' 'SkaX<br>f[VVde                    | FZWY'aTS^<br>Sgfa_ af[hW<br>VW_ S` V [e` af Se<br>Vj bWUFWW                                                | 3gfa_ aT[ 'Vde S` V UadW<br>UZ[be             | ;- X' Vd` t @JBt<br>EFt WUž                               |
| ##% | FZWbd[Vde aXS^^[- ] e[-<br>fZWbZafaha 'fS[U<br>[- Vgefck ZShWS^W<br>TWai fZWUaef [- W               | : [YZ d[e] e[- fZW<br>bZafaha 'fS[U<br>egbb'k UZS[-                                                        | BZafaha 'fS[U S` V UadW<br>UZ[be              | ;- X' Vd` t 8g[-<br>7 WUfd[U E [- S`<br>? [Uda t WUž      |
| #&  | I F ie dVhW gWj UWWe<br>3ddai ie[- fZWXd ef<br>fZdWVcgSdVde S` V<br>dS` ] e Xdef                    | FZWY'aTS^<br>V[efd[Tgf[a`<br>bSffVd UZS` YVde                                                              | 6[efd[Tgf[a` aX<br>WVUfda` [U<br>Ua_ ba` W fe | 3ddai t 3h` Wt I Ft<br>WUž                                |
| #'  | ? adWfZS` #&t (" "<br>5Z[- VdeWUZ[b<br>_ S` gXSUfgdVde i VdW<br>US` UWVW! U'aeW Vai`<br>[- "\$" \$& | ;- fW e[XVW<br>Ua_ bWf[f[a` [- fZW<br>eW_ [Ua` VgUfad<br>_ Sd] Vf                                          | EW_ [Ua` VgUfada                              | ? S` gXSUfgdVde [-<br>fZW<br>eW_ [Ua` VgUfad<br>[- Vgefck |

## Delivery Time and Trend Analysis of Key Brands

3\_ a` Y fZW] WK TdS` Vel 3; UZ[be dWbdWfW fW Tk @H;6;3 ZShWeWw TafZ S` [ UdWSeW[` ha`g\_ WS` V bd[UW S` V fZWe[fgSf[a` aXeZad` egbb`k ZSe Ua` f[` gWVt \_ S] [` Y [f fZW]SefWef Ž Ydai [` Y USfWYadk fZdagYZagf fZWkVScZ fZWbd[UW e aX6D3? S` V @3@6 UZ[be aXE= : k` j S` V afZWde ZShWUa` f[` gW fa dWUahWd S` V : 4? [e [ eZad` egbb`kž fZWbd[UW aXS` S` aY UZ[be dWbdWfW fW Tk F; ZSe VdabbW e[Y` [XUS` f`kt i [fZ S eWd[age bd[UW[ hWde[a` ž fZWbd[UW e aXSgfa\_ af[hWŽ YdSVW? 5GeI ? AE87FeI S` V ;94Fe dWbdWfW fW Tk ;` X` Va` S` V EF ZShWVdabbW e[Y` [XUS` f`kt S` V fZW VW\_ S` V ZSe VWUdSeWž fZWUa` eg\_ Vd WWUfda` [Ue USfWYad[Ue dWbdWfW fW Tk ;` fW S` V CgS`Ua\_\_ ZShWeZai ` efST`WYdai fZž fZWVW\_ S` V Xad\_ [V Ž fa Ž Z[YZ Ž W V ? >55eaX? gdSfS ZSe [ UdWSeWt S` V fZWVW[hWk f[\_ WZSe S fW VW Uk fa Wj fW Vž

### 5ZSdf \$, Overview of Annual Market Hot Product Categories and Manufacturers

| 5a_ bS` k | Fkb[US^BSdf @g_ TWd         | 3bb^ [USf[a` 8[WV                         | DW_ Sd] e                                              |
|-----------|-----------------------------|-------------------------------------------|--------------------------------------------------------|
| F;        | FBE eWd[Vei WfUž            | ;` Vgefckl<br>3gfa_ af[hW                 | 7j fdW_ Wk Z[YZ [` hW factl<br>bd[UW[ hWde[a`          |
| EF        | EF? %\$8#" % 8&eWd[Vei WfUž | 5a` eg_ Vd<br>7`WUfda` [Ue<br>3gfa_ af[hW | 6WU^ [` Y_ Sd] Wf eZSdW[<br>5Z [` Sł e`gYY[eZ VW_ S` V |
| 36;       | >F? eWd[Vei WfUž            | 5a_ _ g` [USf[a` t<br>3gfa_ af[hW         | E`gYY[eZ VW_ S` Vt `ai<br>bd[UW                        |
| @JB       | ;ž? J eWd[Vei WfUž          | 3gfa_ af[hW<br>;` Vgefck                  | I Ws] VW_ S` Vt TWai<br>Wj bWUfSf[a` e                 |
| a` eW_ [  | ? 4DE eWd[Vei WfUž          | 3gfa_ af[hW                               | 6 [hWdYW fVW_ S` Vt bd[UW<br>dWgUf[a`                  |
| ;` X` Va` | 8E eWd[Vei WfUž             | 3gfa_ af[hW                               | 6WU^ [` Y VW_ S` Vt<br>Vai ` i SdV`gef_ W f            |

| 5a_ bS` k   | Fkb[US^BSdf @g_ TWd | 3bb^([USf[a` 8[W                  | DW_ Sd] e                                        |
|-------------|---------------------|-----------------------------------|--------------------------------------------------|
|             |                     |                                   | Ydai fZ                                          |
| ;` fW`      | G`fdS eWd[Vd] WUz   | 5a` eg_ Wd<br>7`WUfca` [Ue        | DWUahWd[ Y VW_ S` Vt<br>efST`WYdai fZ            |
| E = : k` j] | : 4? %! %7! WUz     | EWhWd 5a` eg_ Wd<br>7`WUfca` [Ue  | ;` eZadf egbb`kt TafZ<br>ha`g_ WS` V bd[UWd[e] Y |
| DW WdSe     | ;E>jj! : 6(&jj! WUz | 3gfa_ af[hW                       | D[e] Y [ hW fact! bd[UW<br>X`gUfgSf[a`           |
| ? [UdaUZ [b | 6EB;5%%eWd[Vd] WUz  | ;` Vgefckl<br>3gfa_ af[hW         | 6WU[ [ Y VW_ S` Vt efST`W<br>VW[hWk fL W         |
| J [↑ j      | J5=G eWd[Vd] WUz    | 5a_ _ g` [USf[a` †<br>6SfS 5W fWd | 6WU[ [ Y VW_ S` Vt bd[UW<br>X`gUfgSf[a`          |
| CgS`Ua_ _   | E? *)' " † WUz      | 5a` eg_ Wd<br>7`WUfca` [Ue        | EfST`WWW_ S` Vt e`YZf`k<br>d[e] Y bd[UW          |
| 4daSVUa_    | 45? *+ eWd[Vd] WUz  | EWhWd 3gfa_ af[hW                 | 9dai [ Y VW_ S` Vt<br>abfL [ef[UWY bWUfSf[a` e   |
| ? gdSfS     | 9D? eWd[Vd] WUz     | 5a` eg_ Wd<br>7`WUfca` [Ue] EWhWd | DWUahWd[ Y VW_ S` Vt<br>USbSU[fk WYbS` e[a`      |

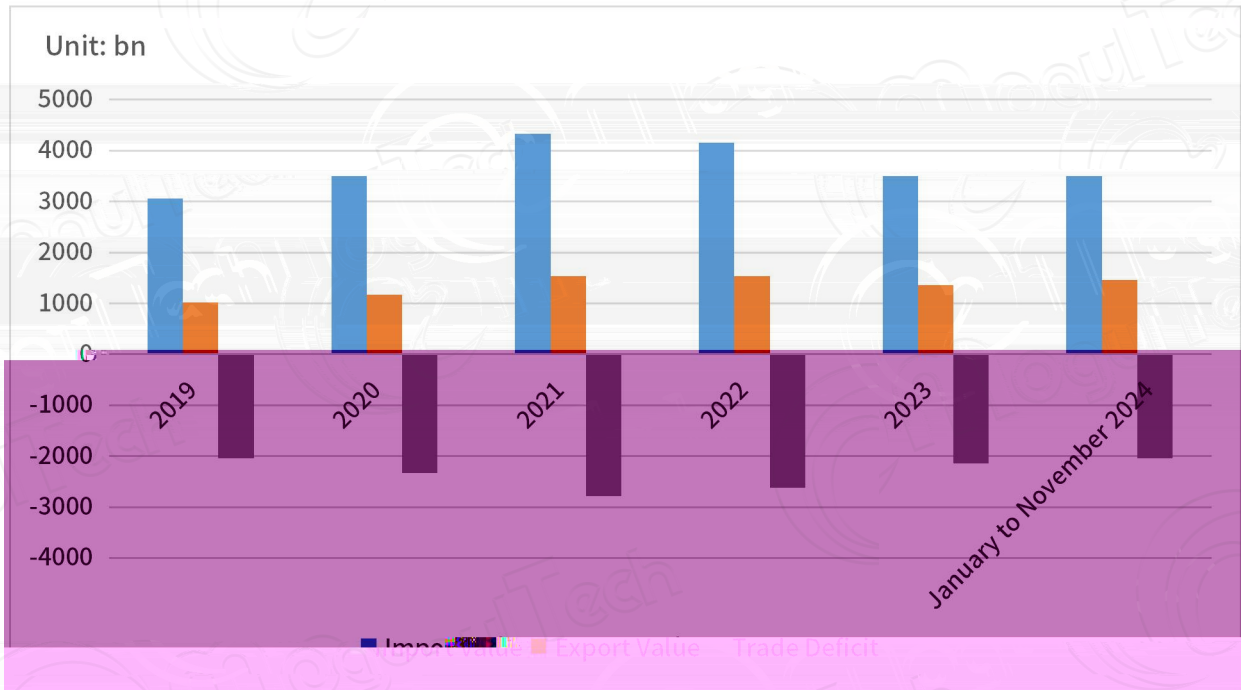
# 5Z[ Sie EW\_ [Ua` VgUfad ;\_ badf S` V 7j badf DW\_ S[

Bae[f[hW

8da\_ <S` gSok fa @ahW\_ TWd \$" \$&! 5Z[ Sie [ fWYdSfW U[dUg[f L\_ badf S` V WY badf  
\_ S[ fS[ W S efST`WYdai fZ fdW Vž FZWY badf hS`gWY UWWW a` Wfd[^[a` kgS`  
/GE` #& ž T[^[a` fi S` V fZWfdSVWWWU[f [ L\_ badf S` V WY badf S\_ ag` f` Sddai W fa  
GE` #\* &ž# T[^[a` † eZai [ Y S e[Y [XUS` f Vai ` i SdV fdW V e[ UWdMSUZ[ Y S bW\$] aX

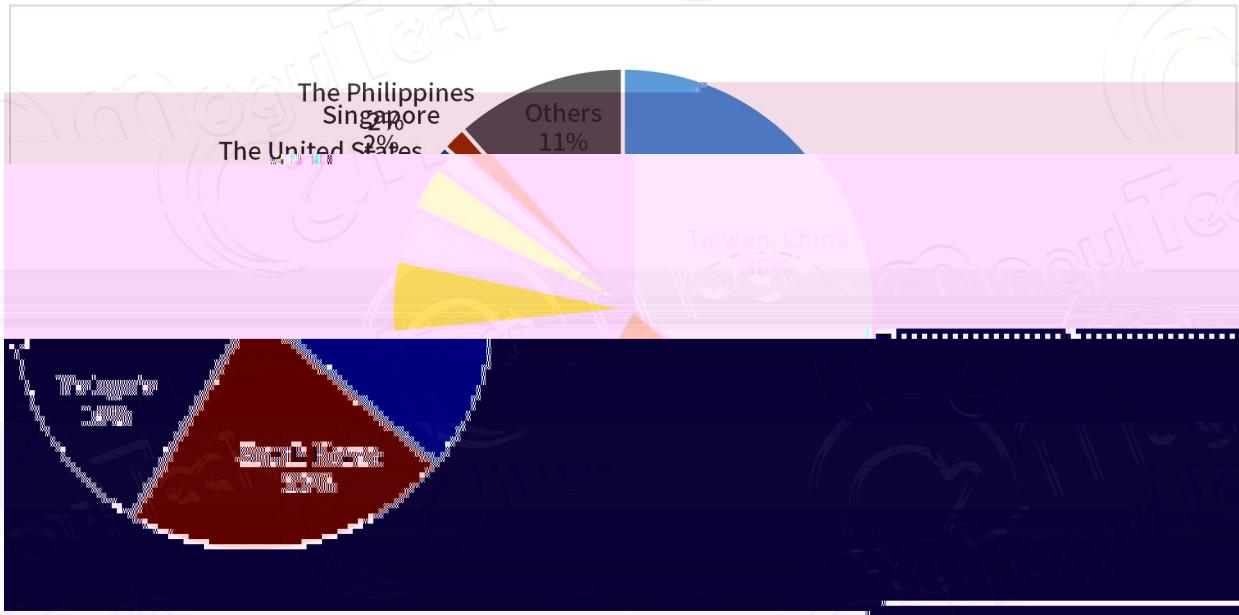
GE" \$) \*ž T[("a` [ " \$" \$ž3\_ a` Y fZW\_ † fZWShWdSYWkVsdŽa` ŽkVsdYdai fZ dSfW e aX  
 [ \_ badf S` V Wj badf i WdW##ž' . S` V \$" ž' . dWbWUf[hWk† i [fZ efd` Y Wj badf Ydai fZ†  
 [ V[USf[ Y S YaaV fdW V aXVa\_ Wef[UUZ[b egTef[fgf[a` ž

**5ZSd% China's Integrated Circuit Import, Export and Trade Deficit in 2024**



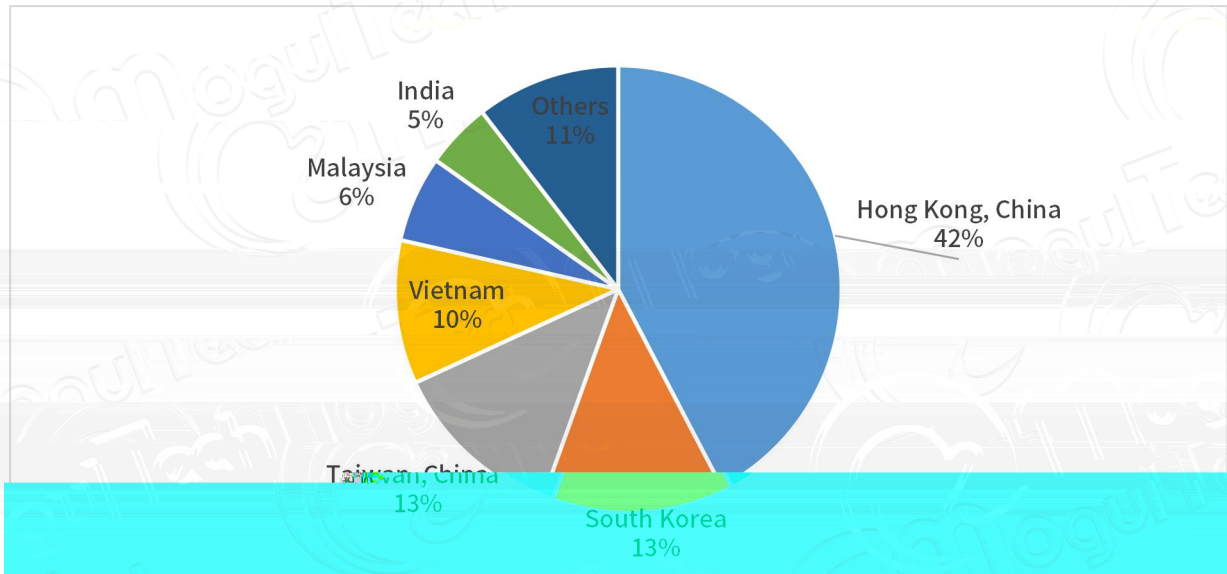
;' fWd\_ e aXfZW\_ S[ [ \_ badf \_ Sd] Wef FS[i S` † EagfZ =adW† S` V ? S'Ske[S SdW  
 fZW\_ S[ eagdW e aX5Z[ Sie [ fWdSfW U[dug[f [ \_ badfežEagfZ =adW\$ ZSe S dWsf[hWk  
 ^SdYW [ \_ badf ha'g\_ W aX \_ W\_ adk UZ[be† S` V FS[i S` S` V ? S'Ske[S ZShW\_ adW  
 Xag` Vdk S` V bSU] SY[ Y S` V fWef[ Y bdaVgUfež

### 5ZSdf & The Proportion of China's Integrated Circuit Import Regions in the First Three Quarters of 2024



;` fWd\_ e aXfZWWŷ badf \_ Sd] Wł : a` Y =a` Ył EagfZ =adVł FS[i S` ł S` V H[W` S\_ dS` ] S\_ a` Y fZWfabž : a` Y =a` Y [e fZW\_ S]` fdS` e[f ba]` f Xad Wŷ badfel S` V fZW Wŷ badfe fa EagfZVłsef 3e[S` Uag` fd[Vł egUZ Se H[W` S\_ S` V ? S`Ske[S ZShWYdai ` dSb[V`kž5Z[` Sie[ fWdSfW U[dJg[f [ Vgefck [eYdai [ Y dSb[V`k [ 3e[Sž

**Figure 5.25, The proportion of China's integrated circuit export regions in the first three quarters of 2024**



\$ FZWA hWVSe 7j bS` e[a` aX7`WUfda` [U 5a\_ ba` W fe : Se  
4WUa\_ WS @W : [YZ ^YZ f

∴ dWUW f kVScet i [fZ fZW [ UvSe] Y ahWVSe bdaVgUf[a` 'Skagf aX 5Z [ Sie  
Ua` eg\_ Wd WUfda` [Uet `W W Wdk bdaVgUfe egUZ Se bZafaha fS[Uet S` V WUf  
d[U hVZ [UWet S` g\_ TWd aX gbefdVS\_ dSi \_ SfWd[S^ S` V Ua\_ ba` W f \_ S` gXUfgd  
Wde ZShW TWV SUf[hWk SUUWVsf[ Y fZW[d ahWVSe \_ Sd] Wf 'Skagfz fZW` W Xad  
UWde dWbdWfW Tk WUfda` [U Ua\_ ba` W fe ZShW S'ea TWV h[Yadage'k USdk[ Y  
agf [ fWd Sf[a` S^ fdSVW [ dWUW f kVScet S` V ZShW SUf[hWk fdS` eXad\_ W Xda\_  
\_ S[ 'k XaUge[ Y a` fZW 'Skagf aX eS` We fa fZW Ua` efdgUf[a` aX bdaVg  
Uf[a` TSeWz FZdagYZ ead[ Y agf fZW WSV[ Y Va\_ Wef[U WUfda` [U Ua\_ ba` W f  
\_ S` gXUfgdWde 5Z [b ; eYZfe V[h[VWde fZW\_ S` gXUfgdWde Ya[ Y Y'aTS^ [ fa fZW X  
a^ai [ Y fZdWV USFWad[W,

FZW Xdef USFWack \_ S[ 'k XaUgeW a` eWf[ Y gb Tge[ We W f[f[W S` V bda



VgUf[a` TSeWēž DWbdWēW fW Tk KS` Y\WFUWZ` a`āYk S` V I [ YfWUZ FwUZ` a`āYk fZWd \_ S[` bdaVgUf[a` TSeWē SdWV[efdTgfFW [ 7gdbWS` V fZW 3\_ Wd[USē S` V fZWK SdW Suf[hWk Wj bS` V[ Y fZWd bdaVgUf[a` `Skagfe [ fZW 3\_ Wd[USē S` V Ea gfZVŠef 3e[Sž 8ad Wj S\_ b`W I [ YfWUZ FwUZ` a`āYk ZSe dWsf[hWk \_ SfgdW [ fWd S f[a` S`I Sf[a` Tk SUCg[d] Y @Wj bWd[S S` V gf[`I [ Y [fe UZ[b bdaVgUf[a` TSeWē [ : S\_ TgdYt 9Wd\_ S` k S` V ? S` UZWēfWd 7` Y`S` Vž KS` Y\WFUWZ` a`āYk dW[Vē a` S VgS`ŽT dS` V efdSfWkž BdaVgUfe g` VWd fZWk< TdS` V SdW\_ S[` k egbb`VW fa fZW Va\_ Wēf[U S` V 3e[SžBSU[XU \_ Sd] Wēf i Z[`W bdaVgUfe g` VWd fZW? 55 TdS` V SdW \_ S[` k egbb`VW fa fZW 7gdbVŠ` S` V 3\_ Wd[US` \_ Sd] Wēž ;f ZSe S`ea WēfST`ēZ VW eS`Wē S` V fWUZ` [US` eWdh[UW UW fWē [ fZW G` [fW EfsfWē E[ YSbadW 9Wd\_ S` k S` V afZWd b`SUmēž I Z[`W Suf[hWk Wj b`ad] Y `aUS` S` V egddag` V[ Y \_ Sd] Wēf [f S`ea bdah[VWē f\_ Wk `aUS`I VW eWdh[UWē Xad 7gdbVŠ` S` V 3\_ Wd[US` W V Uge fa\_ Wēž

### 5ZSd ( , Overview of Overseas Production Layouts of Some Chinese Electronic

#### Component Company

| 5a_ bS` k | A hWēWē BdaVgUf[a` >Skagf                                                                                                                                                            | DW_ Sd] e                                              |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| : S`ā     | 3Ucg[dW L[ [f]j I S` fēfW UZ[b Ua_ bS` k [ EagfZ =adVŠ                                                                                                                               | EfdW YfZW fZWegbb`k UZS[ `Skagf [ EagfZ =adVŠ          |
| >a` Yeke  | 3Ucg[dW L[`I S[ S bSU] SY[ Y S` V fWēf[ Y _ S` gXSUfgdWd[ 4dSI [I S` V WēfST`ēZ VW S _ W_ adk bdaVgUf[a` TSeWē[ 4dSI [^                                                              | >Skagf fZW3_ Wd[US` _ Sd] Wē                           |
| E? 7;     | 3Ucg[dW E[ Wj [ Ei WWW fa Wj bS` V ? ?? E bdaUWē VWHWab_ W fS` V i SXWd _ S` gXSUfgd[ Y Tge[ Wēē                                                                                     | ? S[` k `Skagf [ Ei WWW S` V fZW7gdbVŠ` _ Sd] Wē       |
| I [ YfWUZ | : Se bdaVgUf[a` TSeWē [ ;` V[S S` V ;` Va` Wē[S[ _ S[` k W YSYW [ WWUfda` [Ue Ua` fdSuf _ S` gXSUfgd[ Y-ZSe UZ[b bdaVgUf[a` TSeWē [ : S_ TgdYt 9Wd_ S` k S` V ? S` UZWēfWd 7` Y`S` V | 3Ucg[dW @Wj bWd[S fa Wj bS` V eW_ [Ua` VgUfad Tge[ Wēē |

| 5a_ bS` k           | A hWdVSe Bda VgUf[a` >Skagf                                                                                                                                                                                                                                                         | DW_ Sd] e                                                                  |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 3ED                 | Ew` gb fZdWahWdVSe Tge[` Vee W f[f[Ve [ : a` Y =a` YI fZWG` [fW EfsfVe S` V ;fS`kt dVebWUf[hWk g` VVdFS] [` Y dVdVSDUZ S` V VVhWab_ W f S` V eS`Ve fSe] e                                                                                                                           | FZWahWdVSe_ Sd] W` S[` k dW[Ve a` fdSV[f[a` S^SYW fe                       |
| KS` Y[W             | : Se efSdFW fZUJa` efdgUf[a` aXS XUFack [ H[W` S_ fa Tg[V ahWdVSe egbb`k USbST [f[Ve- VefST [eZ W eS`Ve S` V fWUZ` [US^ eWh[UMUW fVde g` VVdFZW? 55 TdS` V [ fZW G` [fW EfsfVe E[ YSbadWS` V 9Wd_ S` k- fZdWWTdS` UZVe [ H[W` S_ t E[ YSbadWS` V <SbS` i VdWVefST [eZ W [ ` \$" \$% | 6gS`ZT dS` V efdSfWkt bda_ af[` Y? 55_ S[` k [ 7gdabWS` V fZWG` [fW EfsfVe |
| EfSdBai` Wd         | 7efST [eZ W dVdVSDUZ S` V VVhWab_ W f UW fVde [ Ei [fl WdS` V S` V 9Wd_ S` k fa `Skagf 7gdabWS` F[W#_ S` gXUfgdVde                                                                                                                                                                  | 8aUge a` dVdVSDUZ S` V VVhWab_ W f ahWdVSe                                 |
| 55F5                | : Se_ S` gXUfgd` Y TSeVe [ FZS[ S` Vt 9Wd_ S` k S` V afZWdb`SUm                                                                                                                                                                                                                     | 7j badf Ydai fZ [e dWSf[hWk Xsef                                           |
| <[S` YZS[ 5SbSU[fad | Gf[fl Vd [fe egTe[V[Sdkt <SbS` 3;5 5a_ bS` kt SeS` W Vj badf TSeW                                                                                                                                                                                                                   | A hWdVSe dWw gw SUUag` fW Xad\$` ž (. [ fZW Xdef ZS`XaX\$` \$&             |
| 8SdSfda` [U         | B`S` efa geW[feai ` Xg` VeaX` a_ adWfZS` # " _ [^a` kgS` fa VefST [eZ S i Za`kZai ` Ww egTe[V[Sdkt [ : g` YSdkt fa SUUWdSfWahWdVSe `Skagf                                                                                                                                           | ž                                                                          |

FZW eUa` V USfWack \_ S[` k XaUgeVe a` fZW `Skagf aX V[hWdXW UZS` ` Wež DWbdVW fW Tk : gSi W : [E[fla` S` V %B73= fZVK \_ S[` k fSdVW fZW 7gdabWS` S` V 3\_ W[US` \_ Sd] We Se i W^ Se Uag` fdVde [ 7Sef 3e[S fl] W<SbS` S` V EagfZ =adVž FZdagYZ SUf[hWk USdkt Y agf Y`aTS^ `Skagft fZVK \_ S[` k Ua` UW fdSfW a` fZW Ua` efdgUf[a` aX ahWdVSe eS`Ve UZS` ` Weł efd[hW fa [ bdaHW \_ Sd] Wf UahWdSYW dVeba` V fa fZW` Ww e aX ahWdVSe Ugefa\_ Vde \_ adW cg[U] kt S` V bdaH[VW `aUS^ egbbadř

5ZSd), A hWdVW aX ahWdVSe 5ZS` ` W>Skagfa XEa\_ W5Z[ VdW7 WUfda` [U

5a\_ ba` W f? S` gXUfgdW`

| 5a_ bS` k     | A hW`eVSe 5ZS` ` W>Skagf E [fgSf[a`                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| : [E[1Ua`     | : Se # \$ aXUW`S` V dW`eVSeUZ S` V VVhWab_ W f UW fW`e [ E[ YSbadW EagfZ =adV`S` <SbS` t 7gcbW`S` V afZW`db`SUW`ež                                                       |
| 9[Y6W`h[UW    | 8aUgeW`e _ S[ `k a` fZW`W`bS` e[a` aXahW`eVSe eS`W`e UZS` ` W`ež                                                                                                         |
| I [^^         | 3Uf[hWk gf[1] W`e fZW`ad[Y[ S`^A _` [H[e[a` eS`W`e UZS` ` W`e ahW`eVSež                                                                                                  |
| ;` YW [U      | 3Uf[hWk efdW YfZW e fZW`EE; UZS` ` W`e SUcg[dW fZ`dagYZ _ W`dYW`eS` V SUcg[ef[a` e ahW`eVSež                                                                             |
| %B73=         | : Se` W` k W`e fST`[eZ`W` eS`W`e egbbad`f UW fW`e [ fZW`G` [fW` E fSfW`e <SbS` t EagfZ =adV`S` S` V 9W`d_ S` kž                                                          |
| @A H A E 7@E7 | : Se eW`f gb T dS` UZ`W`e [ fZW`G` [fW` E fSfW`e <SbS` t EagfZ =adV`S` S` V 9W`d_ S` kž                                                                                  |
| 7F7=          | : Se W`e fST`[eZ`W` S i Za`^kžai ` W`W` egTe[V[Sd` S`_ W` =7F7= [ EagfZ =adV`S` _ S[ `k eW`h[ Y fZW`EagfZ =adV`S` _ Sd] W`f S` V ] W`k Ugefa_ W`dES_ eg` Y 7`W`lfd` [Uež |
| <<l           | 3UZ[W`hW`e fZW`YaS`^aXYa[ Y Y`aTS`^Tk SVV[ Y ahW`eVSe 9E? eS`W`e adY`S` [I Sf[a` eS` V eS`W`e bW`e a` ` W`ž                                                              |
| ? 35? ;5      | ? S[ `k UaabW`SfW`e i [fZ ahW`eVSe Ugefa_ W`ež                                                                                                                           |
| 8:            | 3Uf[hWk W`b`ad`W`e ahW`eVSe _ Sd] W`e egUZ Se 7gcbW`W` EagfZ =adV`S` S` V ;` V[S` S` V SVVe ahW`eVSe eS`W`e agf`W`ež                                                     |
| 3;E: ;        | EfdW YfZW e fZW`Ua` efdgUf[a` aXV[hW`e[XW` ahW`eVSe _ Sd] W`f[ Y` W`fi ad] ež                                                                                            |

FZWfZ[dV USfW`ack \_ S[ `k dW`[W`e a` : a` Y =a` Y fa Ua` VgUf XadW`Y` fdSVWS` V SUZ[W`hW`fZW`YaS`^aX`Ya[ Y Y`aTS`^t S` V \_ aef Va\_ W`ef[U \_ S` gXUfgdW` SVabf fZ[e SbbdaSUZž 3e S` [ \_ bad`S` f V[efdTgf[a` UW fW`d Xad Y`aTS`^ W`W`lfd` [U [ Xad\_ Sf[a` bdaVgUfel : a` Y =a` Y ZSe aTh[age SVhS` fSYW`e [ XadW`Y` W`YUZS` YW`eW`f`W`\_ W` fi`aY[ef[Ue S` V afZW`d SebW`lfež? Sj eUW` V FW`UZ` a`aYk t S i Za`^kžai ` W`W` egTe[V[Sd` aX ? Sj eUW` V ? [UdaW`W`lfd` [Uel fZW` W`SV[ Y Va\_ W`ef[U D8 \_ S` gXUfgdW` Ua` VgUfe XadW`Y` fdSVWTge[ W`e Se S` ahW`eVSe fdSVWW` f[fkž? W`S` i Z[W` E9 ? [UdaUadb geW`e

[fei Za^kZai `W egTe[V[Sck E9 : a`Y =a`Y SeS\_ S`ad[ fWd Sf[a` S^fdSVWb`SfXad\_ ž

5ZSdf \*, FZWE[fgSf[a` aXEa\_ W5Z[ VwW? S` gXUfgdWb FZSf DWk a` : a`Y =a`Y Xad

A hWbSe >Skagf

| 5a_ bS` k       | >Skagf E[fgSf[a`                                                                                                                                                     |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5D? [Uda        | : Se#%ahWbSe SX[ fSfW W fWbd[eWb[ : a`Y =a`Y S` V fZW4d[f[eZ H[dY[<br>;eS` Vel i Z[UZ eWbWSe fdSVWb`SfXad_ eS` V[ hWef_ W f b`SfXad_ ež                              |
| ? Sj eUW V      | ;fei Za^kZai `W egTe[V[Sckl ? Sj eUW V FWUZ` a`aYk/LZgaeZW Y: a`Y =a`Y fi<br>eWbWSe fZW_ S[` eagdUWaXahWbSe[ Ua_ Wž                                                  |
| E9              | GeWb [fei Za^kZai `W egTe[V[Sck E9 : a`Y =a`Y Se fZW_ S[ [ fWd Sf[a` S^<br>fdSVWb`SfXad_ S` V ZSe WfST f[eZW i Za^kZai `W Ua_ bS` [Wb[ <SbS` S` V<br>9Wd_ S` kž      |
| E[ a<br>I Wb`fZ | FZWUa_ bS` kie ahWbSe eS`Wb SdW_ S[` k Ua` VgUfWV fZdagYZ V[efdTgfade[<br>: a`Y =a`Y ž                                                                               |
| @57             | : Se WfST f[eZW @57 Bai Wd: a`Y =a`Y fa`Sk agf fZWahWbSe_ Sd] Wž                                                                                                     |
| <ag1 Sff        | : Se eWgb S fdSV[ Y Ua_ bS` k [ : a`Y =a`Y XadW fWd S^eS`Wbž                                                                                                         |
| H3@5: ;B        | : Se WfST f[eZW S T dS` UZ [ : a`Y =a`Y Se S eS`Wb UZS` ` Wž                                                                                                         |
| 5Z[bWb          | GeWb 5Z[bWb: a`Y =a`Y Se S` ahWbSe abWbSf[ Y egTe[V[Sckž                                                                                                             |
| 3i [ [U         | ;fe W fWd S^eS`Wb UZS` ` We_ S[` k Ya fZdagYZ [fei Za^kZai `W egTe[V[Sck<br>3i [ [UFWUZ` a`aYk: a`Y =a`Y S` V [fZSe Si Za^kZai `W abWbSf[ Y W f[fk [<br>EagfZ =adWbž |
| 6[aa            | ;fe_ S[` eS`Wb UZS` ` W[e fZdagYZ 6[aa ? [Uda W W Ufda` [Ue[ : a`Y =a`Y ž                                                                                            |
| EagfZUZ[b       | FZW_ S[` eagdUWaX[fe ahWbSe[ Ua_ WUa_ Wb Xa_ fdSV[ Y W f[fWb[ fZW<br>: a`Y =a`Y dW[a` l S` V [fZSe WfST f[eZW eS`Wb egTe[V[SckWb[ E[ YSbadWb` V<br>EagfZ =adWbž      |

Summary of the Electronic Component Supply Chain in

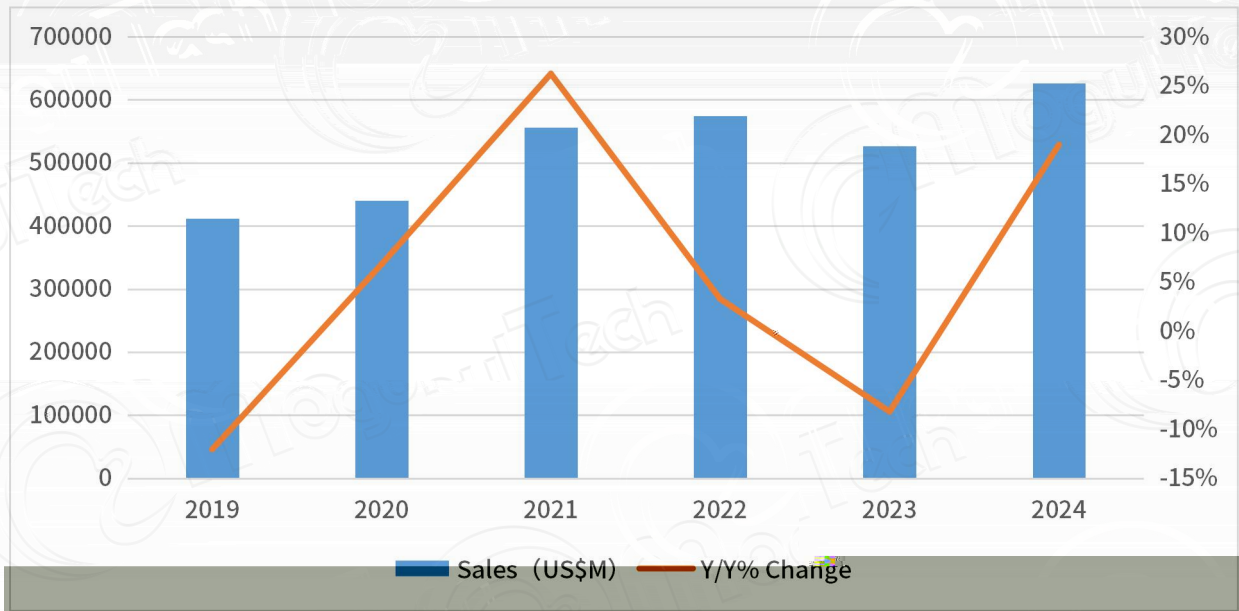
2024

# 9dai fZ 8adWUSeF Xad 7SUZ >[ ] [ fZW GbefdW\$ \_ aX

7^WUfda` [U5a\_ ba` W fe

3UUadV[ Y fa fZWVSfS Xda\_ I EFE /I adV EW\_ [Ua` VgUfad FdSVW EfSf[ef[Uefi Y^aTS^eW\_ [Ua` VgUfad eS^Ve [ ` \$" \$& i WdW Sbbdaj [ Sfwk "((\$ž) T[^a` t i [fZ S kVsdža` žkVsd Ydai fZ aX#+, žI EFE efSfW fZSf fZWY^aTS^eW\_ [Ua` VgUfad \_ Sd] Wf ZSe aX[U[S^k T[V XsdW W^fa fZWwai ` i SdV UkU^WS` V W fWdW fZWfdSU] aXdWUahWkž

5ZSdf +, 9^aTS^EW\_ [Ua` VgUfad eS^Ve Xda\_ \$" #+ fa \$" \$&

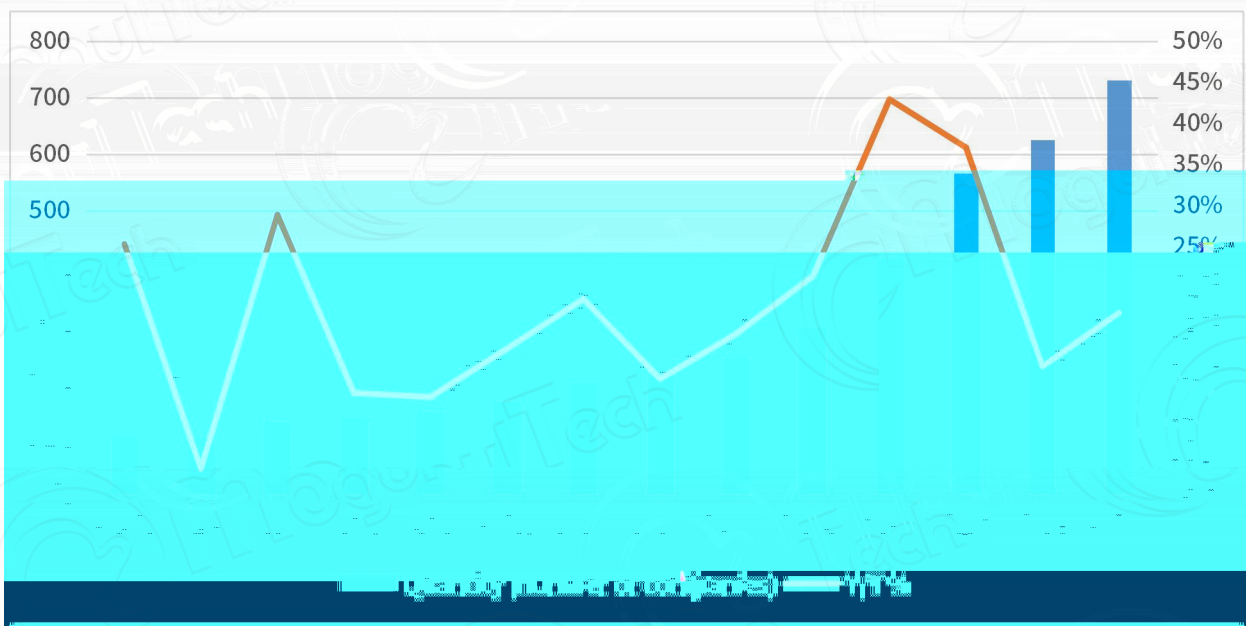


8da\_ fZW bWdWUf[hWaX fZW 5Z[ VdW\_ Sd] Wf fZWE;3 bdW[Ufe fZSf 5Z[ Sie eW\_ [Ua` VgUfad eS^Ve i [^ Wj UWW "#) T[^a` [ \$" \$&ž 6SfS Xda\_ fZW;` fWdSfW 5[dug[f 6Ve[Y` 4d` UZ aXfZW5E3;6 eZai e fZSf 5Z[ Sie UZ[b VVe[Y` eS^Ve [ \$" \$& i WdW (&ž & T[^a` kgS` /Sbbdaj [ Sfwk "+ ž++ T[^a` fž FZWKS` Yfi WD[hWd 6WfS dW[a` SUUag` fW Xad\_ adWfZS` ' , t S` V EZS` YZS[ dS` ] W Xdef [ 5Z[ S i [fZ S` agfbgf hS`gWaX#) +ž T[^a` kgS` ž;` fWd\_ e aX\_ S` gXSUfgdWd i [fZ S` agfbgf hS`gW aX ahWd #"" \_ [^a` kgS` [ eS^Ve fZWdW i WdW) %#[ \$" \$& S` [ UdVSeW aX #"( Ua\_ bSdW i [fZ fZWbdW[hage kVsd S Ydai fZ dSfWaX#) . ž>aa] [ Y Sf ebWU[XU bdaVgUf

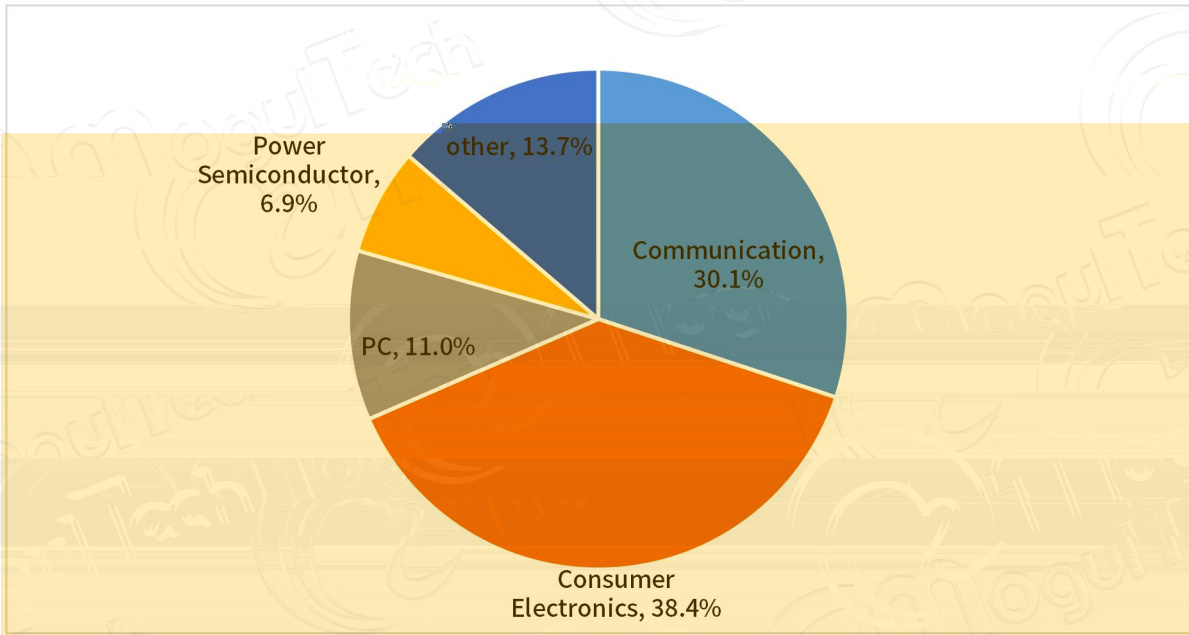
USFWad[Ve] Ua\_ \_ g` [USf[a` UZ[be S` V Ua` eg\_ Wd WWUfca` [Ue UZ[be SUUag` fW Xad  
 (\*ž&\* . aX fZW fafS^ eS`Ve] \_ adW fZS` fi ažZ[dVež A hWdS`M 5Z[` Sie UZ[b Ydai fZ  
 dW\_ S[` e efST`W Tgf fZWe[fgSf[a` fZSf [fe bcaVgUfe SdWSf fZW\_ [VV`WS` V `ai W V aX  
 fZW\_ Sd] Wf ZSe` af UZS` YW kWž

5ZSd #", 9dai fZ E[fgSf[a` aX5Z[` VeWEW\_ [Ua` VgUfad? S` gXUfgdWe i [fZ ES`Ve

7j UWW[ Y # " ? [^a` KgS`



5ZSdf##, Bcbadf[a` aX? S[ BcbVgUfaX5Z[ WwW5Z[b ? S` gXUfgdWb [ "\$ \$&



\$ FZW;\_ bSUf aX;` hW fack DWgUf[a` [ fZWEgbb`k 5ZS[

5a` f[ gWb

∴ "\$ \$& [ hW fack Vwb`W[a` [ fZWY`aTS^ WWUfda` [U Ua\_ ba` W fe [ Vgefck Ua` f[ gWb i [fZ Sgfa\_ af[hWS` V [ Vgefcd[S^ eWUfada XS^ Y eZadf aX Wj`bWUfSf[a` ež 8da\_ fZWbWbbWUf[hWaXhSd[age ↑ ] e[ fZWegbb`k UZS[ † fZWVW\_ S` V XadgbefdV\$ \_ UadW Wc`g[b\_ W f [e efST`W \_ SfWd[S^ adVWb ZShW [ bcahWf S` V fZW bcbVgUf[a` USbSU[fk aX8ag` Vdk S` V bSU] SY[ Y S` V fWef[ Y ↑ ] e[eV[XWV f[SfWžFZWYda i fZ aX 8ST`W e!;6? S` V V[efdTgf[a` adVWb ZSe TWW i V\$] Wd fZS` Wj`bWUfWf S` V fZW ahW\$^VW\_ S` V Sf fZWV V ZSe efV\$V[k dW ag` VVWž

5ZSdf#\$, DWh[W aXfZWEW\_ [Ua` VgUfadEgbb`k 5ZS[ [ "\$ \$&

| EW_ W fSf[a` |            | 5G    | A dVWb | ; hW fack |
|--------------|------------|-------|--------|-----------|
| Egbbadf      | 7cg[b_ W f | : [YZ | EfST`W | >ai       |

| EW_ W fSf[a`       |                        | 5G      | A dVde        | ;` hW fack |
|--------------------|------------------------|---------|---------------|------------|
| >[ ]e              | ? SfWf[S`e             | 3hWdSYW | 6WU`f` W      | : [YZWd    |
| ? S` gXSUfgd[<br>Y | 8ag` Vdk               | 3hWdSYW | D[eW          | Ž          |
|                    | A E3F                  | 3hWdSYW | D[eW          | Ž          |
| GbefdVdS_          | 8ST` We! ;6?           | EfST` W | 6 [XWdW f[SfW | : [YZ      |
| ? [VefdVdS_        | 6[efd[Tgfade           | Ž       | D[eW          | >ai        |
| 6ai` `efdVdS_      | 5a` eg_ Wd7`WUfda` [Ue | : [YZ   | D[eW          | >ai        |
|                    | 3gfa_ af[hW            | 3hWdSYW | 6WU`f` W      | : [YZWd    |
|                    | ;` Vgefck              | >ai     | 6WU`f` W      | : [YZWd    |
|                    | : a_ W3bb`[S` UWe      | 3hWdSYW | EfST` W       | >ai        |
|                    | BZafaha`fS[U           | 3hWdSYW | D[eW          | : [YZ      |
|                    | 7` Wdk EfadSYW         | : [YZ   | D[eW          | : [YZWd    |
|                    | 5a_ _ g` [USf[a`       | 3hWdSYW | 6WU`f` W      | 3hWdSYW    |
|                    | EWhWde                 | : [YZ   | D[eW          | >ai        |
|                    | ? VW[US^7cg[b_ W f     | : [YZ   | EfST` W       | >ai        |

<gVY[` Y Xda\_ fZWadVde S` V [ ` hW fad[Ve aXW fVbd[eVe [ ` \$" \$& UZ [b adVde Xad VSfS UW fVdeUa` eg\_ WdWWUfda` [Ue[ ` W W Wdk[S` V ? VW[US^7cg[b\_ W f Ua` f[` gWV fa Ydai t i Z[`WfZWadVde aXSgfa\_ af[hWS` V [ ` Vgefck[S^` S` gXSUfgdVde i WdWi VdS] Wd fZS` Wj bWUfWt S` V fZWdW i Se ` a e[Y` [XUS` f [ \_ bcdhW\_ W f [ ` Ua\_ \_ g` [USf[a` adVdež

5ZSdf #% A dVde S` V ;` hW fack E [fgSf[a` aX>VdV[` Y 7` fVbd[eVe [ ` \$" \$&

| 5a_ bS` k | A dVde   | ;` hW fack | DW_ Sd] e           |
|-----------|----------|------------|---------------------|
| ;` fW     | 6WU`f` W | 3hWdSYW    | FZW`aee Wj bS` VVWž |



| 5a_bS`k    | A dVde | ;`hW fack | DW_ Sd] e                                                                                  |
|------------|--------|-----------|--------------------------------------------------------------------------------------------|
| 3? 6       | D[eW   | >ai       | FZWy dai fZ aX3; a dVde Vy UWWWVW<br>Wy bWUfSf[a` eZ                                       |
| @H;6;3     | D[eW   | @a` W     | 3; a dVde i WdW[ eZ adf egbb`kZ                                                            |
| ES_ eg` Y  | D[eW   | >ai       | 4afZ fZW ha`g_ WS` V bd[UWa XefadSYW<br>bda VgUfe [ UdMS eWZ                               |
| F;         | 6WU[ W | : [YZ     | FZW[ hW fack dWSUZW S` W Z [YZZ                                                            |
| EF         | 6WU[ W | : [YZWd   | FZWeZSdW[ fZW5Z[ WeW_ Sd] Wf VWU[ W<br>e[Y` [X]US` f`kZ                                    |
| 36;        | 6WU[ W | : [YZWd   | FZWy dai fZ [ fZWSgfa_ af[hWS` V [ Vgefd[S^<br>eWUf ad e Se` ai WdfZS` Wy bWUfWZ           |
| CgS`Ua_ _  | D[eW   | >ai       | ? aT[`WbZa` WeS`We YdW efWSV[`k] S` V fZWdW<br>i Se efd` Y VW_ S` V XadSgfa_ aT[`WeZ       |
| 4daSVUa_   | EfST`W | 3hWdSYW   | 7j UWbf XadadVde dWSfW fa 3; i afZWd<br>Tge[ WeWe VWU[ WZ                                  |
| @JB        | 6WU[ W | : [YZWd   | FZWW[YWef[a` UkU`WaXSgfa_ af[hW[ hW fack<br>i Se` a` YWdfZS` fZWUa_ bS` kie Wy bWUfSf[a` Z |
| ;`X` Wd`   | 6WU[ W | : [YZWd   | FZWW_ S` V XadSgfa_ aT[`We i Se e`gYY[eZZ                                                  |
| DW WeSe    | 6WU[ W | : [YZWd   | 3gfa_ af[hWadVde VWUdMS eWZ                                                                |
| a` eW_ [   | 6WU[ W | 3hWdSYW   | A dVde [ fZWSgfa_ af[hWS` V [ Vgefd[S^<br>eWUf ad e VWU[ WZ                                |
| ? [UdaUZ]b | 6WU[ W | : [YZWd   | FZW_ Sd] Wf dUahWk i Se` af Se Wy bWUfWZ                                                   |
| ? [Uda`    | D[eW   | >ai       | : 4? a dVde YdW efd` Y`kZ                                                                  |
| E=: k` ]j  | D[eW   | >ai       | : 4? a dVde i WdW[ eZ adf egbb`kZ                                                          |
| ? gdSfS    | D[eW   | >ai       | 7j bS` VW fZWbda VgUf[a` aX? >55e dWSfW fa<br>3; S` V Sgfa_ aT[`WeZ                        |

% 4afZ fZWHa ġ\_ WS` V Bd[UWa X3; ŽDWSfW 5Z [b 5SfWad[Ue

Daew

∴ fW\_ e aXS` `gS^bd[UWXgUfgSf[a` et 3; dWSfW USfWad[Ue SdVfZWxUgež ;`  
 \$" \$& fZWw[hWk f\_ WaX\_ aef USfWad[Ue i [^dWgd` fa` ad\_ S†bd[Ue i [^\_ bdaHW  
 e[Y` [XUS` f`k† S` V efdgUfgdS^V[XWdW f[Sf[a` i [^TWewhWdW 3\_ a` Y fZW\_ † 3; dWSfW  
 9BGel : 4? eS` V afZWdbdVgUfe SdW[ eZadf egbb`k† i [fZ e[Y` [XUS` f bd[UW[ UdWSeW-  
 FZWbd[Ue aX Sgfa\_ af[hWdWSfW ? AE87Fe† ;94Fe† S` V B? ;5e ZShWS^VdabbW  
 e[Y` [XUS` f`k- FZW? 5G \_ Sd] W [e Wj bW[U U[ Y bd[UWV[XWdW f[Sf[a` † i [fZ YW WdS^  
 ? 5G bd[Ue Ua` f[ g[ Y fa dW\_ S[ `ai ž

5ZSdf #&, A hWh[W aX=Wk 5SfWad[Ue i [fZ Bd[UMDWgUf[a` eS` V ;` UdWSeW [ fZW

KVSD

| EW_ W f Sf[a`   | BdaVgUf              | 3bb`[USf[a`                              | DS` YW       | EbWU[XU                  | 5a_ bS` k                             |
|-----------------|----------------------|------------------------------------------|--------------|--------------------------|---------------------------------------|
| Bd[UW DWgUf[a`  | B? ;5                | 5a` eg_ Wd 7`WUfda` [Uet 3gfa_ af[hW WUž | #" . Ž% .    | Bd[UW [ hWde[a`          | F;† 36;† EF† WUž                      |
|                 | 9W WdS`žb gbaeW ? 5G | 5a` eg_ Wd 7`WUfda` [Uet ;` Vgefok† WUž  | ' . Ž#' .    | Bd[UW Taffa_ Ww agf      | EF† 96† : a`W]† WUž                   |
|                 | ;94F                 | 3gfa_ af[hW ;` Vgefok† WUž               | ' . Ž#" .    | 6W_ S` V VWU† W          | ;` X` Wd` † EF† a` eW_ [† WUž         |
|                 | ? AE87F              | 3gfa_ af[hW @W 7` WdYk† WUž              | ' . Ž#' .    | ;` fW eW Ua_ bW[f[a`     | ;` X` Wd` † EF† @J B† WUž             |
| Bd[UW ;` UdWSeW | 9BG                  | 6SfS 5W fWde† WUž                        | #" . Ž% .    | ;` eZadf egbb`k          | @H;6;3† 3? 6† : gSi W : [E[†Ua` † WUž |
|                 | : 4?                 | 6SfS 5W fWde† WUž                        | #\$ . Ž\$' . | BdaVgUf[a` USbSU[fk ea`V | E = : k` [† ES_ eg` Y†                |

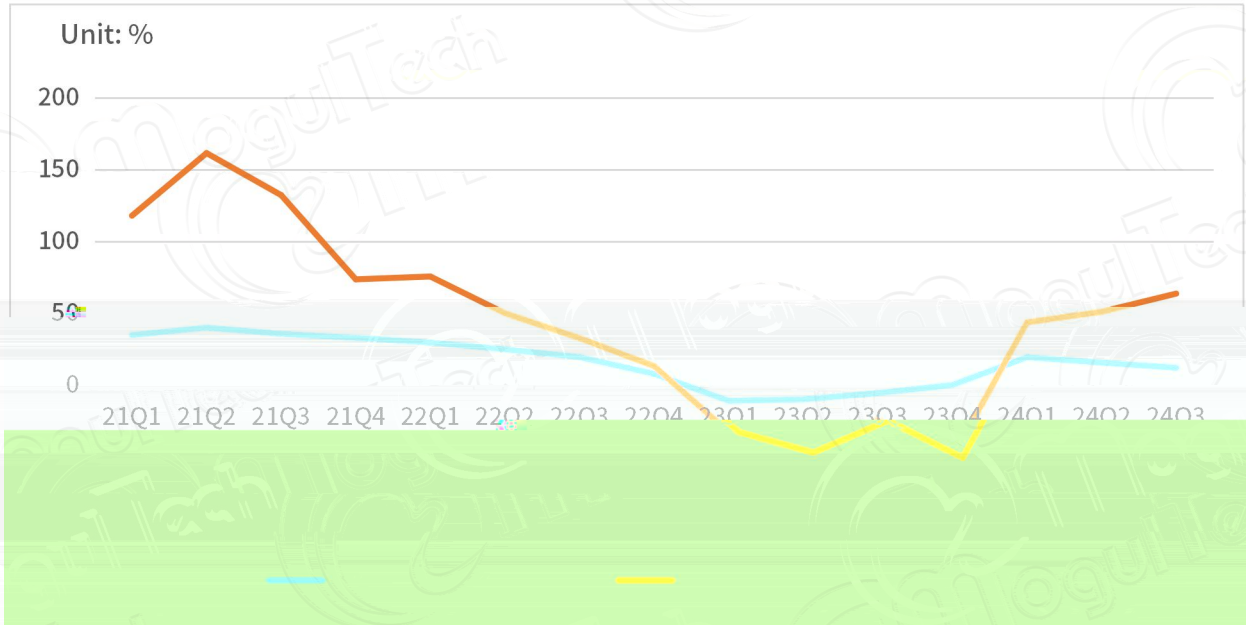
| EW_ W f Sf[a` | BdaVgUf       | 3bb`[USf[a`                      | DS` YW   | EbWU[XU                              | 5a_ bS` k                                    |
|---------------|---------------|----------------------------------|----------|--------------------------------------|----------------------------------------------|
|               |               |                                  |          | agf                                  | ? [Uda` t WfUz                               |
|               | 6D3?          | 5a` eg_ Wd<br>7`WUfda` [Uet WfUz | ' . Ž\$" | 5a` eg_ Wd<br>VW_ S` V<br>dWT ag` VW | ES_ eg` Yt E=<br>: k` [j t = [aj [St<br>WfUz |
|               | @3@6<br>8`SeZ | 5a` eg_ Wd<br>7`WUfda` [Uet WfUz | ' . Ž#'  |                                      | ES_ eg` Yt E=<br>: k` [j t ? [Uda` t<br>WfUz |

\$ Agf^aa] a` A bbadfg` [f[Ve Xad 7`WUfda` [U 5a\_  
ba` W fe [ ` \$" \$'

# 8ST `ve!;6? , EfST `W9dai fZ [ ` A dVWde

<gVY[ ` Y Xda\_ fZWfdW Ve [ ` fZWYdai fZ dSfVe aXfZWShWdSYWdWgWS` V ` Wf  
bdaXf aX 8ST `ve!;6? t fZWd dWgW ZShW dWT ag` VW e[Y` [XUS` f`k e[ UW fZW  
TWY[ ` [ Y aX\$` \$&t fZWd` Wf bdaXfe ZShWTWV YdWsf`k [ bdaHWt S` V fZWYdai fZ  
Wf bWfSf[a` eSdWabf[ \_ [ef[Uz

5ZSdf #', FdW Ve [ fZW3hWSYWDWW gWS` V @W BcbXf aX>WSV [ Y 8ST `We!;6?



4SeW a` fZWY bWUFW Ydai fZ aX8ST `We!;6? [ "\$ '\$ † ahWS ^adVWe S` V bd[UW e dW\_ S [ efST `W i [fZ e[Y` [XUS` f [ hW fack XgUfgSf[a` ež 3\_ a` Y fZW\_ † 3; dWSfW eW hW e S` V B5 adVWe \_ S [ fS [ S Z [YZ `hW aX\_ a\_ W fg\_ † i Z [WSgfa\_ af[hWS` V [ Vgefd[S^adVW [ hW fack \_ Sk TWdWgUW adVW fW VW g` f[^\$ '\$ : #ž

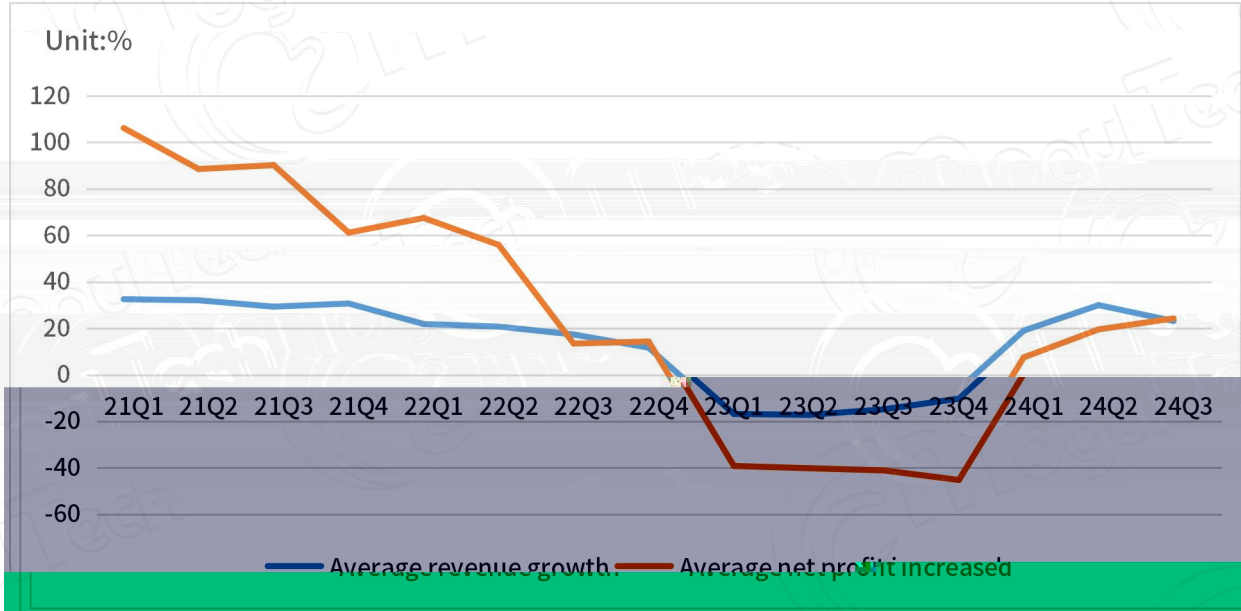
5ZSdf #', 8adWUSe f aX>WSV [ Y 8ST `We!;6? 6W hW ab\_ W f [ "\$ '\$

| 5a_ bS` k | A dVWe  | ;` hW fack | Bd[UW   | 8adWUSe f                                                     |
|-----------|---------|------------|---------|---------------------------------------------------------------|
| ;` fW     | EfST `W | >ai        | EfST `W | 3; B5ei [^Ydai dWSf[hWk XSe fž                                |
| 3? 6      | D[eW    | >ai        | EfST `W | 3; adVWe SdW [ eZad f egbb `kž                                |
| @H;6;3    | D[eW    | @a` W      | D[eW    | 3; adVWe SdWefca` Yl Tgf fZWYdai fZ dSfW[e`ai [ Y Vai `ž      |
| ES_ eg` Y | D[eW    | >ai        | EfST `W | FZWW_ S` V Xad3; S` V fdSV[f[a` S^ eW hW e dW_ S [ e efca` Yž |
| F;        | EfST `W | : [YZ      | EfST `W | FZW_ Sd] W [e WY bWUFW fa d[eW [ "\$ '\$ ž                    |

| 5a_ bS`k   | A dWte        | ;` hW fa | Bq[UW  | 8adWUSeF                                                                                                             |
|------------|---------------|----------|--------|----------------------------------------------------------------------------------------------------------------------|
| EF         | EfST`W        | : [YZ    | EfST`W | FZWe`gYY[eZ VW_ S` V [` fZW<br>[` Vgefd[S^S` V Sgfa_ af[hWeWUfade<br>i [^Ua` f[` gWg` f[^fZWUdef ZS`XaX<br>\$" \$' ž |
| 36;        | EfST`W        | 3hWdSYW  | EfST`W | FZWSgfa_ af[hWeWUfadi [^ef[^XSUW<br>[` hW fack V[YWef[a` bdaT`W_ e[<br>Vsdk \$" \$' ž                                |
| CgS`Ua_ _  | D[eW<br>P L M | >ai      | EfST`W | FZWU[e efd` Y VW_ S` V Xad<br>Sgfa_ af[hWadWUež                                                                      |
| 4daSVUa_   | EfST`W        | 3hWdSYW  | EfST`W | 3; dW`hW gWdW_ S[` e efd` Yž                                                                                         |
| @JB        | EfST`W        | : [YZ    | EfST`W | FZWUSbSU[fk gf[!l Sf[a` dSfW [^<br>dW_ S[` Sf) " . g` f[^fZWUdef ZS`XaX<br>\$" \$' ž                                 |
| ;` X` Wa`  | 6WU[ [ Y      | : [YZWd  | EfST`W | FZWSV`gef_ W faXSgfa_ af[hW<br>[` hW fad[W_ Sk Ua` f[` gWg` f[^C%<br>\$" \$' ž                                       |
| DW`eSe     | 6WU[ [ Y      | : [YZWd  | EfST`W | FZW_ Sd] W VW_ S` V ef[^XSUW<br>bdWegdW` S` V fZW`adWUSeF [e<br>dWSf[hWk USgf[agež                                   |
| a` eW_ [   | 6WU[ [ Y      | 3hWdSYW  | EfST`W | FZWYda` fZ aXSgfa_ af[hWE[5 [` fZW<br>5Z[` W_ Sd] W dW_ S[` e efd` Yž                                                |
| ? [UdaUZ[b | 6WU[ [ Y      | : [YZWd  | EfST`W | ;` hW fack SV`gef_ W fe_ Sk<br>Ua` f[` gWg` f[^C\$ \$" \$' ž                                                         |
| ? [Uda`    | D[eW`W        | >ai      | EfST`W | ;` hWef_ W f[` : 4? i [^ [^ UdWSeW[<br>\$" \$' ž                                                                     |
| E=: k` j   | D[eW          | >ai      | EfST`W | 8aUge a` Z [YZ ž bdaXf: 4? bdaVgUfež                                                                                 |

Ua\_ ba` W f V [efd[Tgfadē 5Z [b ;` e [YZ fe ZSe eWV S e [Y` [XUS` f dWtag` V [ bdaXfe S` V dWVW gWe[ UWFZWTWV [ ` [ Y aX\$" \$&ž

5ZSdf #), 3hWVSYWDWVW gWS` V @W BdaXf FdW VeaX>VSV [ Y 6 [efd[Tgfade



>aa] [ Y Sf fZWYdai fZ WjbWUfSf[a` e aXV [efd[Tgfade [ "\$" \$' † adVWde dWSfWV fa 3; i [^Ydai efda` Y'kt S` V fZWWSdWdWSf[hWk `Sd`Wg` UWfS [ d[e] e [ fZW7gdabV\$` S` V 3\_ Wd[US` \_ Sd] WfeW WbWU[S^k [ fZWSgfa\_ af[hWS` V [ Vgefd[S^XWVež

5ZSdf #\*, 6WhWab\_ W f 8adWUSeF Xad>VSV [ Y 6 [efd[Tgfade [ "\$" \$'

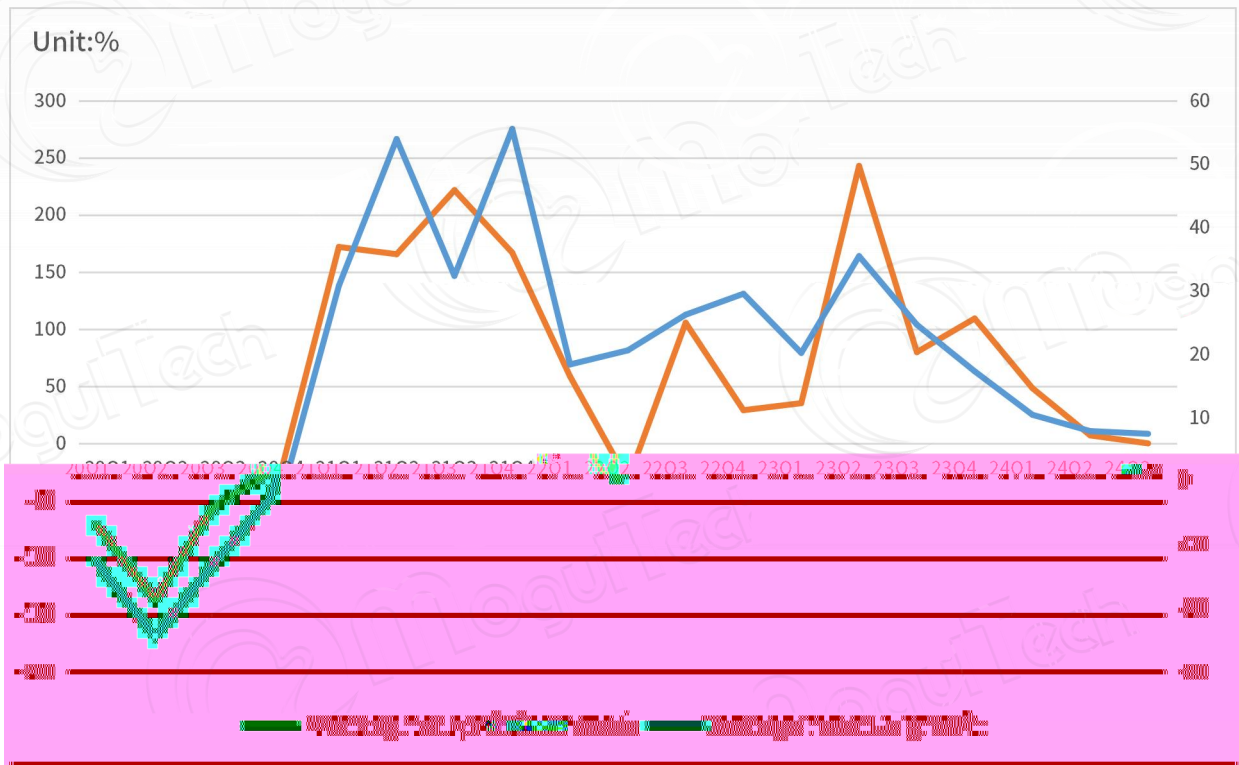
| 5a_ bS` k | A dVWde | ;` hW fack | Bd[UW  | 8adWUSeF                                                                |
|-----------|---------|------------|--------|-------------------------------------------------------------------------|
| 3dbai     | EfST`W  | 3hWVSYW    | EfST`W | 6W_ S` V [edWtag` V [ Y† Tgf fZWWSdW g` UWfS [ f[Vež                    |
| 3h` Wf    | EfST`W  | : [YZWd    | EfST`W | 5Sgf[age`k WhS`gSfWfZWYdai fZ [ fZW 7gdabV\$` S` V 3_ Wd[US` _ Sd] Wfež |
| I B9      | D[eW    | >ai        | EfST`W | A bf [ ef[US^k h[W fZWYdai fZ [ adVWde XadeWhWde S` V 3; B5ež           |
| I F       | D[eW    | >ai        | EfST`W | FZWYdai fZ [ fZWWSfS UW fWd_ S [ fS [ e SZ [YZ `WhW`aXbdabWd[fkž        |

| 5a_bS` k                | A d/Wde | ;` hW fack | Bd[UW  | 8adWUSeF                                                                                  |
|-------------------------|---------|------------|--------|-------------------------------------------------------------------------------------------|
| 575badf                 | D[eW    | >ai        | EfST`W | FZW[W[e dWSf[hWk `SdWYdai fZ bafW f[S^<br>Xad3; S` V Sgfa_ af[hWeWUfadē [̄ fZW<br>XgfgdVž |
| E: 7@L: 7@<br>: G3C;3@9 | D[eW    | >ai        | EfST`W | FZW[̄ Vgefck bdaebWUfk Ua` f[̄ gWē fa<br>dWUahWU S` V bd[UWē SdWefST [̄ [̄ Yž             |

% F [WU#, 6agT`W6WUdWSeW[̄ DW`W gWS` V BdaXf

E[̄ UWfZWSgfa\_ af[hWF [WU# [̄ Vgefck dWSUZW [fe bWē] [̄ dW`W gWS` V bdaXf [̄  
fZW eWUa` V ZS`X aX \$` \$#† SXWUFW Tk fZW VUefaU] [̄ Y aX fWU [̄ S^ Sgfa\_ af[hW  
[̄ hW fad[Uē S` V fZWe`gYY[eZ ahWēWSe VW\_ S` V† fZW[̄ Vgefckie dW`W gWS` V bdaXf  
ZShWTWU Ua` f[̄ gage`k VWU[̄ [̄ Y g` f[̄^` ai ž; f [e WYbWUFW fZSf fZWYdai fZ i [̄^  
dW\_ S[̄ e`gYY[eZ g` f[̄^fZWUdef ZS`XaX\$` \$' ž

5ZSdf #+, >WēV[̄ Y F [WU# 3hWēSYWDW`W gWS` V @Wf BdaXf FdW Ve



>aa] [ Y SZV\$V fa \$" \$' fZWadVWdS` V dWhW gWVy bWUfSf[a` e aXUa\_ bS` [V` egUZ  
 Se 4aeUZ† L8† S` V 6W ea SdWef[^^` af abf[\_ [ef[U† S` V fZWY^aTS^Sgfa\_ af[hWbSdfe  
 \_ Sd] W [eXSU[ Y dWSf[hWk ^SdYWUJS^W YV` S` V bdW`egdWz

5ZSd f \$" , 6WhWab\_ W f 8adWUSef Xad>V\$V[ Y F[W# [ \$" \$'

| 5a_ bS` k           | A d/W`e | ;` hW fack | Bd[UW  | 8adWUSef                                                                            |
|---------------------|---------|------------|--------|-------------------------------------------------------------------------------------|
| 4aeUZ               | 6WU† W  | >ai        | 6WU† W | FZWadVWdYdai fZ [e` af abf[_ [ef[U† S` V eS^Sk UgfeS` V ^SkaX`_ Sk Ua` f` gWz       |
| L8                  | 6WU† W  | >ai        | EfST`W | Ef[^USgf[age STagf fZW[ Vgefck bdaebWUfez                                           |
| 6W ea               | 6WU† W  | >ai        | EfST`W | DWhW gWVy bWUfSf[a` e SdWTW[ Y ^ai WdWz                                             |
| : kg` VS[<br>? aT[e | 6WU† W  | >ai        | EfST`W | Ea_ WWWUfdXUSf[a` bdaWUfe_ Sk TW baefba` Wz                                         |
| 53F>                | 6WU† W  | >ai        | EfST`W | 5a_ bW[f[a` [e[ fW e[X[ Y† S` V fZW Ua_ bS` k [eef[^ fZWY bS` e[a` efSYWz           |
| ? SY` S             | 6WU† W  | >ai        | EfST`W | I V\$] dWahWkz                                                                      |
| 3[e[                | 6WU† W  | >ai        | EfST`W | DWhW gW[e 6WU† Wz                                                                   |
| HS`W`a              | 6WU† W  | >ai        | EfST`W | DWhW gWVy bWUfSf[a` e SdWTW[ Y ^ai WdWz                                             |
| ;` fW[YW f          | D[eW    | >ai        | EfST`W | DWhW gWS` V adVWdYdai fZ SdWefda` Yz                                                |
| <akea`              | D[eW    | >ai        | EfST`W | A d/W`e XadSgfa_ af[hWWWUfda` [Ue S` V eSXWk Tge[ V`eV` SdWYdai [ Y abf[_ [ef[US^kz |
| 6V`Sk EH            | D[eW    | >ai        | EfST`W | A d/W`e Xad[ fW[YW f Sbb^USf[a` e SdW Ydai [ Y i Wz                                 |

& 7? E!A 6? !A 7? , A bf[\_ [ef[U 3Tagf 3; 9dai fZ

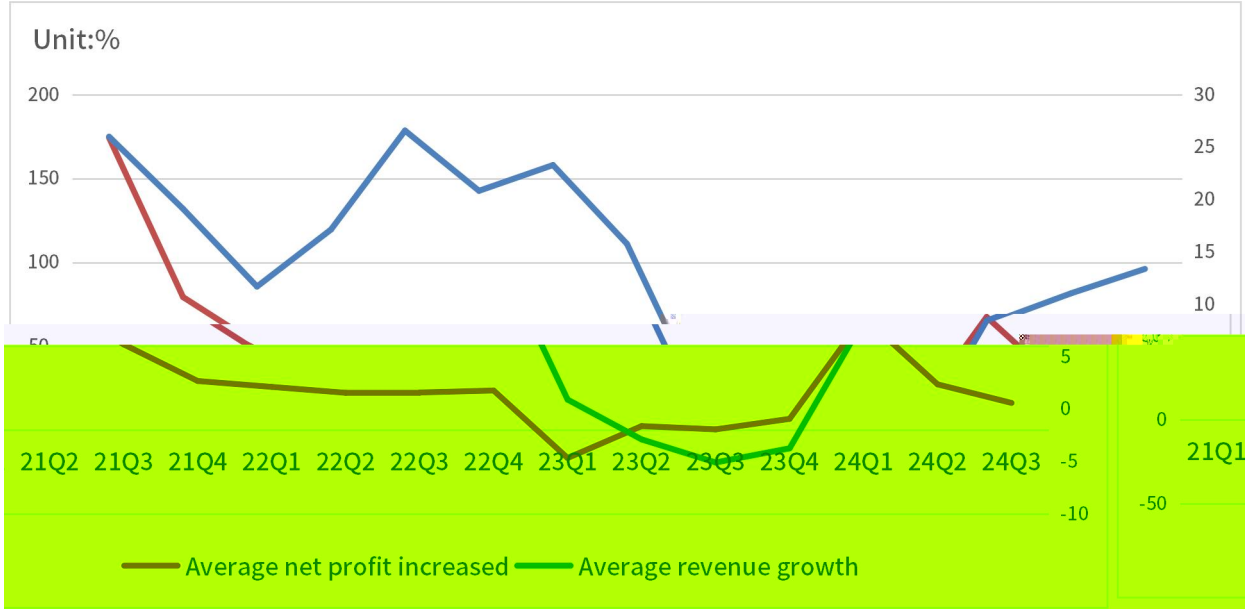
EfSd[ Y Xda\_ C% \$" \$& WWUfda` [U \_ S` gXSUfgd[ Y eWh[UW bdah[VW`e



/7? E!A 6?!A 7? fi ZShW Ua` f[ gW fa TW Wf Xda\_ fZW Ydai fZ [ Ua` eg\_ Wd  
WWUfda` [Uel 3; eWUdel ;aFt S` V Sgfa\_ af[hW WWUfda` [Ue Tge[ WeWz AdWUe S` V  
dWU gW ZShWUa` f[ gW fa dW ag` Vt i Z[WbdaXfe ZShW\_ S[ fS[ VW i Ws] Ydai fZ  
VgWfa [ Vgefck [ XgW UWz

5ZSdf \$#, 3hW\$YWDWhW gWS` V @W BdaXf FdW Ve aXFab 7^Wfcb` [U5a` fdSuf

? S` gXSufgdWle



| 5^See[XUSf<br>[a`                     | 5a_ bS` k           | A dVWde | ;` hW fad<br>k | 5SbSU[fk!<br>A gfbgf | 8adWUSeF                                                                                           |
|---------------------------------------|---------------------|---------|----------------|----------------------|----------------------------------------------------------------------------------------------------|
|                                       | CgS` fS             | 6WU[` W | >ai            | EfST`W               | 3; B5ei [^ZShWS `SdYWd<br>Ydai fZž                                                                 |
|                                       | 9aWdW]              | D[eW    | >ai            | EfST`W               | FZW[` fW[YW f ZSdVi SdW<br>Tge[` Wee [ebWdAd_ [ Y i Wž                                             |
|                                       | >gj eZSdW           | D[eW    | >ai            | EfST`W               | FZWYdai fZ aXUa` eg_ Wd<br>WWWfda` [Ue adVWde [e hWk<br>e[Y` [XUS` fž                              |
| 3; EWthWde                            | : a` : S[           | D[eW    | >ai            | : [YZ                | 3; eWthWde i [^TWUa_ WfZW<br>_ aef [ _ badfS` fYdai fZ Vd[hWž                                      |
|                                       | CgS` fS             | D[eW    | >ai            | : [YZ                | FZWeZ[b_ W f ha`g_ WaX3;<br>eWthWde i [^Ua` f[` gWfa<br>[` UdWSeVž                                 |
|                                       | I [efda`            | D[eW    | >ai            | : [YZ                | FZW3; S` V eWthWdTge[` WeeVe<br>i [^VagT`Vž                                                        |
|                                       | 5a_ bS^             | D[eW    | >ai            | : [YZ                | A dVWde Xad3; eWthWde i [^<br>[` UdWSeWe[Y` [XUS` f`kž                                             |
| 3gfa_ aT[<br>We                       | >gj eZSdW           | D[eW    | >ai            | D[eW                 | FZWYdai fZ [` fZWSgfa_ af[hW<br>Tge[` Wee [e TWfWd fZS` fZSf [`<br>Ua` eg_ Wd WWWfda` [Uež         |
|                                       | : a` : S[           | D[eW    | >ai            | D[eW                 | ;` hWef_ W f [` fZWSgfa_ af[hW<br>Tge[` Wee i [^Ua` f[` gWfa<br>[` UdWSeVž                         |
|                                       | 4K6<br>7`WUfda` [Ue | D[eW    | >ai            | D[eW                 | 3gfa_ af[hWWWUfda` [Ue SdW<br>Wj bWUfW fa Ua` f[` gWfZW<br>Ydai fZ _ a_ W fg_ ž                    |
| 5a__ g` [<br>USf[a`<br>7cg[b_ W<br>`f | >gj eZSdW           | D[eW    | >ai            | EfST`W               | FZWYdai fZ dSfWaXfZW<br>Ua__ g` [USf[a` Tge[` Wee i [^<br>Wj UWW fZSf aXUa` eg_ Wd<br>WWWfda` [Uež |
|                                       | : a` : S[           | D[eW    | >ai            | EfST`W               | A dVWde Xad@H;6;3ie ei [fUZ<br>Tge[` Wee i [^Ydai dWSf[hWk<br>XSež                                 |

| 5'See[XUSf<br>[a` | 5a_ bS` k  | A dVWde | ;` hW fad<br>k | 5SbSU[fk!<br>A gfbgf | 8adWUSeF                                                                                                                        |
|-------------------|------------|---------|----------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------|
|                   | 8>,@7E     | EfST`W  | >ai            | EfST`W               | FZW;5F [ ` Vgefck [eZ[YZ`k<br>Ua_ bW[f[hW`W]bS` V fZWWSfS<br>UW fWdei [fUZ Tge[` Wdež                                           |
|                   | 9A@<       | EfST`W  | >ai            | EfST`W               | FZWa_ Wef[U` Wfi ad]<br>Ua_ _ g` [USf[a` _ Sd] Wfi<br>[ U'gV[` Y BA@t 3Bt S` V 8FFDf<br>ef[^ZSeUa` f[ gageYdai fZ<br>dVe[↑W UWž |
|                   | Eg` Ydai   | D[eW    | 3hWdSYW        | D[eW                 | FZWYdai fZ dSfWaX[ hWdVd<br>adVWde [eWy bWUfW fa TW[ ` ↑ W<br>i [fZ fZW[` Vgefckž                                               |
|                   | 9[ `a` Y   | D[eW    | 3hWdSYW        | D[eW                 | ;` hWdVd adVWde SdWYdai [ ` Y<br>i Wž                                                                                           |
| @W<br>7` WdYk     | 3BekefW_ e | D[eW    | 3hWdSYW        | D[eW                 | BZafaha`fS[UeZ[b_ W fei [^<br>[ UdWSeWtk _ adWfZS` \$" . †<br>S` V fZWdW[eg` UWdFS[` fk [ `<br>W WdYk efadSYWž                  |
|                   | 6WkW       | D[eW    | 3hWdSYW        | D[eW                 | A dVWde [ ` W_ WdY[ ` Y_ Sd] Wfe<br>egUZ Se 3e[S† 3Xd[US† S` V >Sf[<br>3_ Wd[US SdWYdai [ ` Y dWSf[hWk<br>XSeFž                 |
|                   | 649        | D[eW    | 3hWdSYW        | D[eW                 | A dVWde Xad` W W WdYk<br>_ S` gXUfgd[ ` Y SdWYdai [ ` Y<br>i Wž                                                                 |

# 3; S` V @W 7` WdYk 3dWSf fZW8adWd` faX9dai fZ

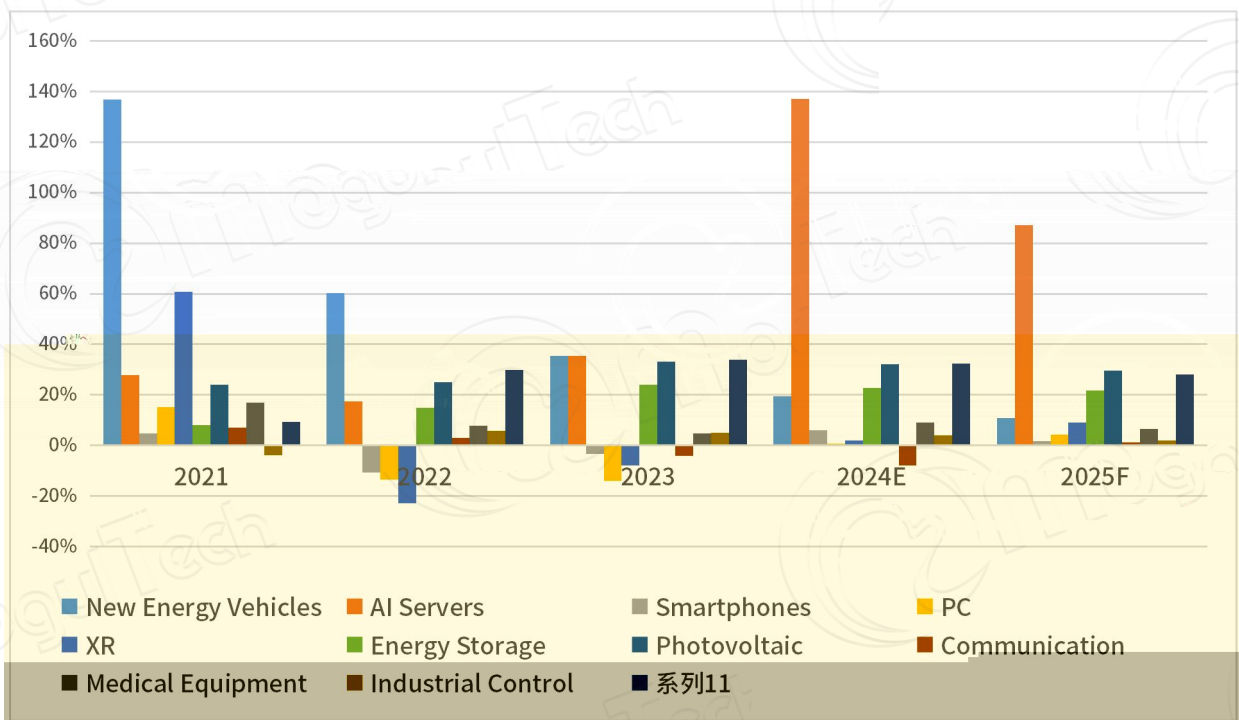
3UadV[ ` Y fa [ ` Ua\_ bW`WefSf[ef[Ue Ua\_ b`W Tk 5Z[b ;` e[YZfet`gVY[ ` Y Xa\_ fZW  
ShWdSYW Ydai fZ dSfW fdW Ve [ ` fZW \_ S[ ` Vai ` efdW\_ Sbb[USf[a` \_ Sd] Wfe aX  
WUfca` [U Ua\_ ba` W fe [ ` fZW bSef X[hWkVdcl 3; eWdWdcl ` W W WdYk hWZ[UWdcl

bZafaha fS[Uf ai ZSf[fgVWWUa` a\_ k[ S` V W Wdk efaSYWSdWS\_ a` Y fZWfabz

>aa][ Y SZWSV fa \$" \$' f 3; eWdWd W Wdk efaSYW bZafaha fS[Uf ai ZSf[fgVW  
 WUa` a\_ k[ S` V ` W W Wdk hVZ[UWVe i [^\_ S[ fS[ S \_ W[g\_ žfaZZ[YZ Ydai fZ fdW Vž  
 3\_ a` Y fZW\_ f 3; eWdWd i [^Ua` f[ gWfa Ydai efa` Y`k Sf \*) #, f S` V W Wdk efaSYW  
 bZafaha fS[Uf S` V ai ZSf[fgVWWUa` a\_ k i [^S^Wj UWW \$", ž FZWYdai fZ dSfWaX  
 ` W W Wdk hVZ[UWVe [e Wj bWUFW fa TW#" ž+, VgWfa fZWe`gYY[eZ 7gcdabWS` S` V  
 3\_ W[US` \_ Sd] Wfž E\_ SdfbZa` Wd B5e[ S` V afZWd Ua` eg\_ Wd WWUfda` [Ue S` V fZW  
 [ Vgfd[S^eWUfad Se fZW\_ S[ efaU] \_ Sd] Wfž i [^\_ S[ fS[ i W\$] Ydai fZ [ \$" \$' ž

5ZSdf \$% 9dai fZ S` V 8adWUSe f aX? S[ 3bb^[USf[a` ? Sd] Wfa X7WUfda` [U

5a\_ ba` W fe Xba\_ \$" \$# fa \$" \$'

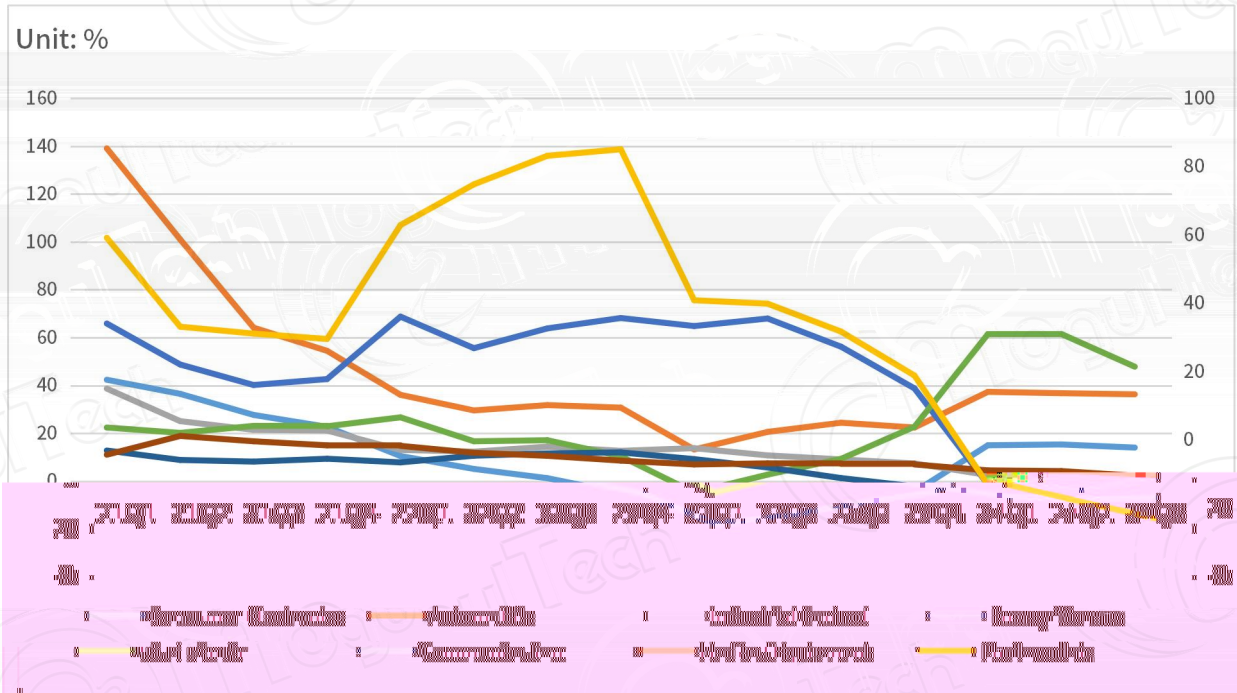


<gVY[ Y Xba\_ fZWSHWdSYWdWdW gWYdai fZ aX`WSV[ Y\_ S` gXSUfgdWd [ babg`Sd  
 Sbb \_ Sd] Wfž 3; eWdWd Sgfa\_ aT[WVe S` V Ua` eg\_ Wd WWUfda` [Ue ZShW\_ S[ fS[ W  
 Ydai fZž FZW VWW[ WVe [ bZafaha fS[Ue S` V Ua` \_ g` [USf[a` e SdW e[Y` [XUS` fž

;` Vgefd[S^ Ua` fca^ ZSe Taffa\_ VW agf S` V dMtag` VWz FZW VW\_ S` V Xad W Wdk efa dSYWS` V \_ VW[US^VWh[UW dV\_ S] e efST` Wz

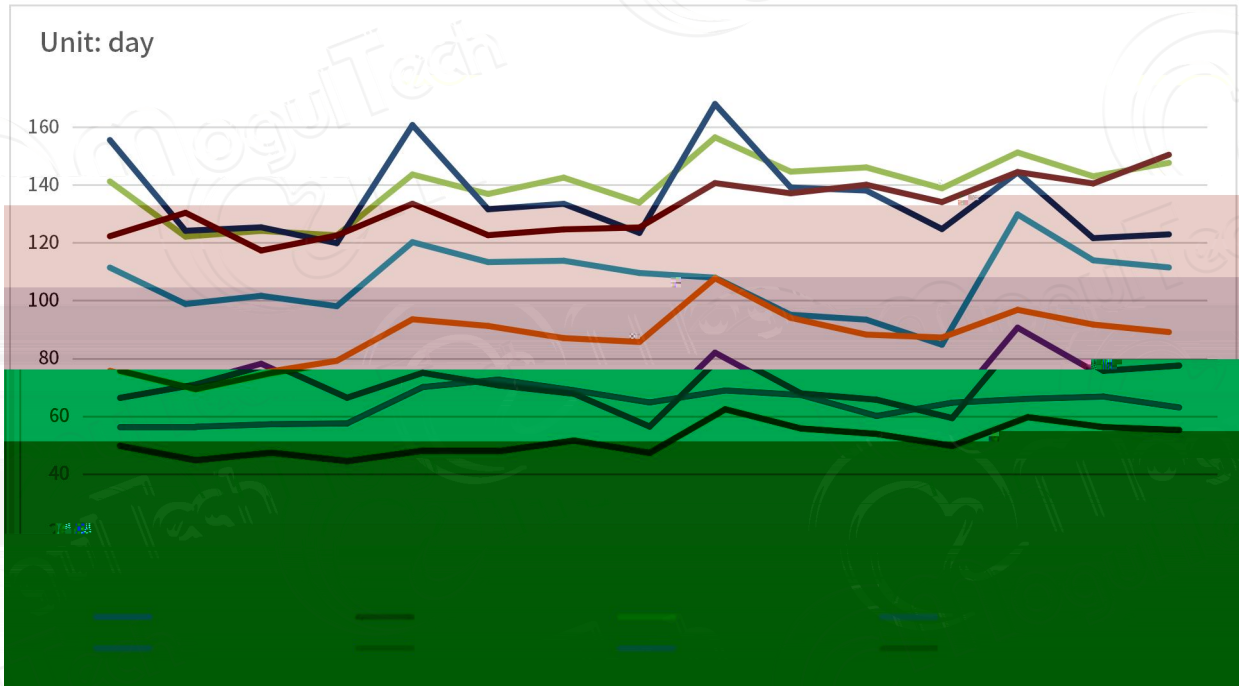
5ZSdf \$&, FdW V aXfZW3hWdSYWDVhW gW9 dai fZ DSfWa XHSd[age Babg`SdFWd\_ [ S^

3bb^USf[a` ? S` gXUfgdWb



5a` e[VWd[ Y fZW[` hW fack fdW Vt e[ UW\$" \$& fZW[` hW fad[Ve [` hSd[age fWd\_ [ S^ \_ Sd] Wfe ZShWTWW Ua` f[` gage`k abf[\_ [l VWz FZW[` hW fad[Ve [` fZW[` Vgefd[S^S` V Ua\_\_ g` [USf[a` e eWlfade dV\_ S]` dWSf[hWk Z[YZt i Z[`We[Y` [XUS` f [ \_ bdahW\_ W fe ZShWTWW i [f` VeeW [ \_ Sd] Wfe egUZ Se bZafaha fS[Ue S` V W Wdk efa dSYWz

5ZSdf \$' , 3hW5YW;` hW fack aX? S\ad3bb^USf[a` ? S` gXSUfgdWb



\$ 9dai fZ 8adWUSeF aX 7^WUfda` [U 5a\_ ba` W fe [ =VK

? Sd] Wfe

4SeW a` fZWadVWb S` V [ hW fack aXgbefdWS\_ \_ S` gXSUfgdWb Ua\_ T[ VW i [fZ fZWYdai fZ fdW V aXfZW\_ S[ [ UdW\_ W fS^\_ Sd] Wfe Sf fZWfWd\_ [ S^ S` V dWVd[ Y fa fZW [ XgW UW aX dWWhS` f ba [Uk XSUfadet `aa] [ Y Xad SdV fa \$" \$' t 5Z[b ;` eYZfe bdW[Ufe fZSf 3;ZdWSfW UadWUZ [be S` V egbbadf[ Y bdaVgUfe i [^ef[^Ua` f[ gWfZW fdW V aXTafZ ha g\_ WS` V bd[UWd[e[ YZfZWVW\_ S` V XadSgfa\_ aT[We [e Wj bWUfW fa efST [^I WS` V dWUahWz@W W WdYk adVWb SdWdWSf[hWk efST ^ZfZWYdai fZ aXdWSfW USfWad[Ve dWbdWfW fW Tk fZW'ai ZS`f[fgVWWUa` a\_ k [ebda\_ [e] Yz

5ZSdf \$(, 8adWUSe f aXfZW6WHWab\_ W f aX7^WUfda` [U5a\_ ba` W fe [ =Wk

;` UdW\_ W fS^? Sd] Wfe [ "\$ \$"

| 5SfWack             | BdaVgUf                   | A d/Wd | ;` hW fack | BdQUW           | 4W UZ_ Sd] ? S` gXUfgdWd | 6a_ Wef[U ? S` gXUfgdWd |
|---------------------|---------------------------|--------|------------|-----------------|--------------------------|-------------------------|
| 3;                  | 9BG                       | D[eW   | @a` W      | D[eW            | @H;6;3                   | : [E[{}Ua`              |
|                     | 5BG                       | D[eW   | >ai        | EfST`W          | ;` fW 3? 6               | : [E[{}Ua` †<br>: kYa`  |
|                     | : 4?                      | D[eW   | @a` W      | D[eW            | E=: k` [j                | 5J? F                   |
|                     | EE6                       | D[eW   | >ai        | EfST`W          | ES_ eg` Y                | K? F5                   |
|                     | : 66                      | D[eW   | >ai        | EfST`W          | l 6                      | @a` W                   |
|                     | 7fZWd Wf 5Z[b             | D[eW   | >ai        | EfST`W          | 4daSVUa_                 | 5W fWU                  |
|                     | A bf[US^ 5Z[b             | D[eW   | >ai        | EfST`W          | A U`Sda                  | 3UW[ ]                  |
|                     | Bai Wd 6Wh[UW             | D[eW   | 9W WdS^    | EfST`W          | ;` X` Wd`                | E[{}S`                  |
|                     | B? ;5                     | D[eW   | 9W WdS^    | EfST`W          | F;† ? BE                 | <ag† Sff†<br>? a` fSYW  |
|                     | 4? 5                      | D[eW   | 9W WdS^    | EfST`W          | 3ebWWW                   | 7SI kfWU                |
| BSee[hW 5a_ ba` W f | D[eW                      | >ai    | EfST`W     | ? gdSfS† H[eZSk | 55F5                     |                         |
| 3gfa_ af[h W        | 3gfa` a_ age 6d[h] Y 5Z[b | D[eW   | >ai        | EfST`W          | FVd`S† @H;6;3            | : [E[{}Ua`              |
|                     | E_ Sdf 5aU] b[f 5Z[b      | D[eW   | >ai        | EfST`W          | CgS†Ua_ _                | : [E[{}Ua`              |
|                     | ? 5G                      | EfST`W | 9W WdS^    | EfST`W          | ;` X` Wd`                | 5f5adW                  |



| 5SfWack    | BdaVgUf            | A d/Vd | ; hW fack      | Bq[UW  | 4W UZ_ Sd] ? S` gXUfgdWd | 6a_ Wef[U ? S` gXUfgdWd |
|------------|--------------------|--------|----------------|--------|--------------------------|-------------------------|
|            | 3` S`aY            | EfST`W | DWSf[hWk : [YZ | EfST`W | F;† 36;                  | @A HA E7@E7             |
|            | Bai Wd 6Wh[UW      | EfST`W | 9W WdS^        | EfST`W | ;` X` Wd` † a` eW_ [     | EfSoBai Wd E[S`         |
|            | EW ead             | EfST`W | 9W WdS^        | EfST`W | 4aeUZ† EF                | 5D? [Uda                |
|            | 5;E                | D[eW   | >ai            | EfST`W | A` eW_ [† I [^           | I [^                    |
|            | ;94F               | EfST`W | 9W WdS^        | EfST`W | ;` X` Wd`                | E[S` † @57              |
| @W 7` WdYk | ? A E87F           | EfST`W | 9W WdS^        | EfST`W | ;` X` Wd`                | 5D? [Uda† E[S`          |
|            | ? 5G               | EfST`W | 9W WdS^        | EfST`W | ;` X` Wd` † EF           | 96                      |
|            | B? ;5              | EfST`W | 9W WdS^        | EfST`W | F;                       | E[WdYk† E9? ;5DA        |
|            | ? S[ 5a` fda^ 5Z[b | D[eW   | >ai            | EfST`W | CgS†Ua_ _                | : [E[†Ua`               |
| >37        | ? 5G               | EfST`W | : [YZWd        | EfST`W | EF† @JB                  | 96                      |
|            | D8 5Z[b            | EfST`W | 9W WdS^        | EfST`W | CgS†Ua_ _                | : [E[†Ua` ? Sj eUW V    |
|            | EfadSYW            | EfST`W | 9W WdS^        | EfST`W | ES_ eg` Y                | 5J? F† K? F5            |
|            | 5;E                | D[eW   | >ai            | EfST`W | Ea` k                    | I [^† 9S† Sj k5adW      |
|            | ;EB                | D[eW   | >ai            | EfST`W | 3_ TSdW`S                | : [E[†Ua`               |

>aa] [ Y SZWSV fa \$" \$' † Se YW WdSf[hW3; [e YdSVgS`k [ \_ b`W\_ W fW a` fZWWWYW e[VW fZW VSfS UW fWd [ XdSefdgUfgdW egUZ Se 3; eWdWd ei [FUZW S` V abf[US^ \_ aVgWd i [^ i [f` Wd daTgef Ydai fZz 3; Sbb†USf[a` e [ \_ aT[W bZa` Wd B5ef Sgfa\_ aT[W S` V e\_ Sdf i WdST`Wd i [^TWUa\_ Wa` WaXfZW`UgeWd aX[ ` ahSf[a` †

i Z[UZ i [^e[Y` [XUS` f`k [ UdMSewfZWVW\_ S` V XadS` V hS`gWaXgbefdMS\_ WwUfda` [U  
Ua\_ ba` W fež

# 3; 6d[hWē 4afZ fZWHa`g\_ WS` V Bd[UWax 6SfS 5W fWd  
;` XdSefdgUfgdWfa D[eW

<gVY[ Y Xba\_ fZW`SfWef X[ S` U[S^dWbadfe S` V XadWUSeFe aXU`agV Ua\_ bgf[ Y  
Ua\_ bS` [Wē `] W? [UdāeaXf 9aaY`W 3\_ Sl a` S` V ? WSt USb[fS^Wj bW V[fgdWē [ "\$" \$'  
i [^ WjUWW fZaeW [ "\$" \$& S` V \_ S[ fS[ S Ydai fZ fdW Vt i Z[UZ [e aTh[age`k  
TW W[U[S^fa fZWYdai fZ aXVSfS UW fWd [ XdSefdgUfgdWegUZ Se 3; eWdhWdē ei [fUZWē  
S` V abf[US^\_ aVg`Wēž

FZWadVWd ha`g\_ WS` V bd[UWax 3; eWdhWdē Ua` f[ gWfa d[eWē\_ g`fS` Wage`kž  
<gVY[ Y Xba\_ fZW[eSeeW\_ T`k S` V S` S`ke[e aXfZW@H;6;3 69J 3!; #"" eWd[Wē eWdhWdē  
i Z[UZ UgddW f`k ZShW fZW`SdYWef [ hW fact[ fZW[d UadW Ua\_ ba` W fel dS` ] WW [ `  
VWēUW V[ Y adVWd aXhS`gW SdW9BGt 6D3? t EE6!; 66t 5BGt ` Wfi ad] USdVt B54t  
a` ŽTaSdV [ fWUa` ` WUf[a` ! [ fWdXUW UZ[be S` V ZWSf V[ee[bSf[a` \_ aVg`Wēf WfUž  
5a\_ bSdW i [fZ fdSV[f[a` S^YW WdS`žogbaeW eWdhWdē fZWhS`gWZSe [ UdMSew Tk  
\_ adWfZS` ' "" , žFZWbd[UWaxfZW`SfWef: "\$" eWd[Wē eWdhWdē ekefW\_ ZSe [ UdMSew Tk  
\_ adWfZS` &` , Ua\_ bSdW i [fZ fZW: #"" eWd[Wēž

5ZSdf \$), @H;6;3 3; EwdhWdē EZai S DWSf[hWk >SdW;` UdMSew[ HS`gW5a\_ bSdW

i [fZ 9W WdS`žogbaeWEWdhWdē

|           |      |                    |               |                            |
|-----------|------|--------------------|---------------|----------------------------|
| 8g` Uf[a` | FkbW | 9W WdS`<br>EWdhWdē | 3;<br>EWdhWdē | ;` UdW_ W f aXG` [f<br>3EB |
|           |      | 4A?                |               |                            |

| 8g` Uf[a`               | FkbW                               | 9W WdS^<br>EWdhWd | 3;<br>EWdhWd | ;` UdW_ W faXG` [f<br>3EB |
|-------------------------|------------------------------------|-------------------|--------------|---------------------------|
|                         |                                    | 4A?               |              |                           |
| 5a_ bgfSf[a`            | 9BG                                | #" .              | &* .         | \$&" " .                  |
|                         | 5BG                                | %(. .             | ) .          | +(. .                     |
| ? W_ adk                | : 4?                               | ž                 | + .          | ž                         |
|                         | 6D3?                               | #) .              | + .          | \$' * .                   |
|                         | : 66!EE6ŁD3;6                      | %# .              | #" .         | #' % .                    |
| 5a__ g` [USf[a`         | @Wfi ad] 5SdV S` V<br>7fZWd W 5Z[b | \$ .              | # .          | \$#) .                    |
| A fZWd5Z[be             | B? ;5                              | " ž\$" .          | " ž' + .     | %" " .                    |
|                         | 4? 5                               | " ž#" .           | " ž' \$ .    | ##* .                     |
|                         | B5;!B5;7                           | " ž)' .           | # .          | &() .                     |
| Egbbadf[` Y<br>? aVg`Vd | Bai Wd? aVg`W                      | #ž" " .           | " ž%" .      | #" " .                    |
|                         | : VŠf 6 [ee[bSf[a`                 | " ž" " .          | " ž%" .      | %" " .                    |
|                         | B54                                | #ž%" .            | " ž'" .      | \$&" .                    |
|                         | BSee[hW<br>5a_ ba` W fe!5ST`Vd     | " ž&" .           | " ž#" .      | #") .                     |
| FafS^                   | ž                                  | ž                 | ž            | ' " " .                   |
| A 6? !A 7?              | ž                                  | #" .              | #' .         | )' " .                    |

4SeW a` [` Ua\_ b`WVWVSfS Ua`Sf[a` † [f [e Vef[\_ SfW fZSf fZWeZ[b\_ W f ha`g\_ W  
aX@H;6;3ie 3; UZ[be egUZ Se : #" " !3#" " † : \$" " S` V 94\$" " i [^dVSUZ (ž fa ) \_ [^fa`  
b[VUd [ ` \$" \$' ž FZW eUS`WaX fZW egbb`k UZS[` Xad [fe dVSfW UadW3; eWdhWd i [^  
Vj UWW #\*" T[^fa` GE Va`Sdđ S` V fZW\_ Sd] Wf i [^Ua` f[` gWfa W`ak Z[YZ bdaebWd[fk  
[` fZWUa\_ [` Y kVŠdž

3e a` WaXfZWUadMUa\_\_ g` [USf[a` ` Wfi ad] VVh[UWd fZWbdabadf[a` aX7fZWd Wf

[ fZW 3;65 /3df[XUS^; fW[YW UW6SfS 5W fWd[e Wj bWUfW fa [ UdVSeVž >aa] [ Y SZVŠV fa \$" \$' † UadWUZ [be/egUZ Se 7fZWd Wf UZ [befiS` V ZSdVi SdWegbb^Wde [ fZW WUa^aY[US^UZS[ SdWVj bWUfW fa SUUMWdSfWfZWd TW VV[fe Xba\_ fZWUZS` YVe [ 3; VW\_ S` Vež FZWY^aTS^\_ Sd] Wf eUS^WaX 7fZWd Wf ei [fUZVē i [^Wj UWWW ' " T[^a` GE Va^Sdel S` V fZWYdai fZ dSfWaXVSfS UW fWdZdSfW Sbb^ [USf[a` ei [^Wj UWWW &" ž

A bf[US^\_ aVg^Vē SdWS^ea a` WaXfZWUa\_ \_ g` [USf[a` ` Wfi ad] VWh[UWē S` V fZW VW\_ S` V XadZ [YZ ŽebWW VSfS Ua\_ \_ g` [USf[a` abf[US^\_ aVg^Vē Ua` f[ gVē fa Ydai Sf S Z [YZ ebWWWž >aa] [ Y SZVŠV fa \$" \$' † fZW Y^aTS^ VW\_ S` V Xad \*"" 9 VSfS Ua\_ \_ g` [USf[a` abf[US^\_ aVg^Vē \_ Sk dVŠUZ \_ adWfZS` #) \_ [^a` b[WUWē S` V fZW VW\_ S` V Xad #ž(F a` Vē \_ Sk dVŠUZ \_ adWfZS` & \_ [^a` b[WUWēž DW[a` S^k† fZW VW\_ S` V Xad abf[US^\_ aVg^Vē STahW\*"" 9 [e ef[^\_ S[ ` k Ua` UW fdSfW S\_ a` Y @adFZ 3\_ W[US` U^agV eVh[UWbdah[VWē /5EBefž ? VŠ` i Z [W fZW [fWdSf[a` aX` W abf[US^\_ aVg^Vē WUZ` a^aY[Vē egUZ See [Ua` bZafa` [Ue S` V >BA!5BA [e SUUMWdSf[ Yž

5ZSf \$\*, 9dai fZ 8adWUSeF XadfZWEgbb`k 5ZS` e aX3;ZdWSfW Ei [fUZ Vē S` V A bf[US^  
? aVg`Vē

| BdaVgUf        | EW_ W fSf[a`              |                                    | 8adWUSeF                        | ? S` gXUfgdVē                          |
|----------------|---------------------------|------------------------------------|---------------------------------|----------------------------------------|
| Ei [fUZ        | 5Z[be                     | 7fZVd Wf<br>Ei [fUZ` Y 5Z[be       | %`                              | 4daSVUa_ t? SchWf WfUZ                 |
|                |                           | 5BG                                | ##`                             | ;` fWf WfUZ                            |
|                |                           | B: K                               | \$\$`                           | 4daSVUa_ t? SchWf WfUZ                 |
|                | AfZVē                     | B? ;5                              | #\$`                            | F;t 36;t WfUZ                          |
|                |                           | Bai Vd6Vh[UVē                      | *`                              | ;` X` Vā` IEFf WfUZ                    |
|                |                           | ? W_ ack                           | )`                              | ES_ eg` Yf E= : k` j] t WfUZ           |
| 7cg[b_ W f     | : [YZZebVWV<br>Ei [fUZ Vē | ' \$Z "`                           | 5[eUat 3d[efSf 8aj Ua` ` t WfUZ |                                        |
| Abf[US^? aVg`W | 5Z[be                     | AbfaVWUfca` [U<br>5Z[be            | \$\$Z)`                         | 5aZVdW fi WfUZ                         |
|                | 7cg[b_ W f                | 6SfS 5W fVd<br>Abf[US^<br>? aVg`Vē | %` . Ł                          | 5[eUat ;` ` a^YZff : [E[↑Ua` t<br>WfUZ |

\$ 3; 3UUVWVSeFē 5a` eg\_ Vd 7`WUfca` [Ue fa 7` fVd S  
DVb`SUV\_ W f 5kU`W

FZW\_ b`W\_ W fSf[a` aXWYVZē[VW3; fWUZ` a`āYk SUdaee \_ g`f[b`WfVd\_ [ S`ē i [^  
TWUa\_ W S` [ \_ badfS` f Vd[h` Y XadUW Xad fZW VVhWab\_ W f aX fZW Ua` eg\_ Vd  
WVUfca` [Ue [ Vgefck>aa] [` Y SZVSV fa "\$` \$' t fZWXWVe aX3; \_ aT[↑WbZa` Vē S` V 3;  
B5e i [^W\_ TdSUW` W` dvb`SUV\_ W f UkU`Vē S` V abbadfg` [f[Vē TdagYZf Tk dWSfW  
ZSdVi SdWgbYdSVVēž3\_ a` Y fZW\_ t ;65 bdW[Ufe fZSf fZWY`āTS^ēZ[b\_ W f ha`g\_ WaX  
3; \_ aT[↑WbZa` Vē i [^ [ UdVSeWtk ) %`#` . kVScZa` ŽkVsdfa &'' \_ [^ [a` g` [fe [ "\$` \$' t

S` V fZW eZ [b\_ W f ha`g\_ WaX3; i V\$ dST`W VVh[UW e gUZ Se e\_ Sdf i SfUZW e FI E V\$ dbZa` W e S` V e\_ Sdf Y`SeeW e i [^Sbb d aSUZ \* " " \_ [^ [a` g` [fež9 Sdf` W d X dWU Sefe fZ Sf fZ WY`a TS`eZ [b\_ W f ha`g\_ WaX3; B5 [e W y bWU FW fa W y UWW # " " \_ [^ [a` g` [fe [ ` \$" \$' † i [fZ S Z [YZ kV\$ dŽa` Ž kV\$ dY d a i fZ d S fWa X# (' Ž . Ua\_ b S dW fa \$" \$&ž

FZW U adW Z S dVi S dW gbY dSVW e aX3; \_ aT [W bZa` W e † 3; B5 e S` V 3; i V\$ dST`W b dVgUfe \_ S [ ` k X aUge a` b d aUW e ad e! Ea5 e S` V e f adSYW ž ; fW d\_ e aX afZ W d egbb adf [ Y SebWU fe aX \_ aT [W bZa` W e S` V B5 e† gbY dSVW e \_ S [ ` k aU Ugd [ Ua\_ ba` W fe egUZ Se [ ` VgU f ad e† TS f fW U e† SU age f [U e† ab f [U e /US\_ W dS eW e ad e f i Ua\_ \_ g` [US f [a` f d S` e\_ [ee [a` S` V ZW S f V [ee [b S f [a` b S d fež

5Z S d f \$+, ;` U dW\_ W f E [fg S f [a` aX5 a` eg\_ W d 7` W U f d a` [U B d aVgU fe g` V W d 3; G b Y d S V W e

| Category            | Product                          | Increment of Unit ASP | Representative Manufacturers                  |
|---------------------|----------------------------------|-----------------------|-----------------------------------------------|
| 3; ? aT [W BZa` W e | Ea5                              | #` . Ž \$" .          | CgS`Ua_ _ † 3bb`W: [E [† Ua` † WUž            |
|                     | ? W_ adk                         | %` . Ž' " .           | ES_ eg` Y† E = : k` [j † WUž                  |
|                     | ;` VgU f ad                      | %` . Ž (" .           | ? g d S f S† KSYW a† WUž                      |
|                     | 3U age f [U 5a_ ba` W fe         | *` . Ž \$" .          | 335† 9 a W f W j† WUž                         |
|                     | 5; E                             | \$" . Ž' " .          | Ea` k† ES_ eg` Y† I [^ WUž                    |
|                     | D8; 5                            | #` . Ž &" .           | 4 d a S V U a_ † E] ki` ad] e† C a c h a† WUž |
| 3; B5               | 5BG! Ea5                         | #" . Ž %" .           | ;` f W† 3? 6† CgS`Ua_ _ † WUž                 |
|                     | ? W_ adk                         | %` . Ž) " .           | ES_ eg` Y† E = : k` [j † WUž                  |
|                     | : W S f 6 [ee [b S f [a` ? aVg`W | ' " . Ž #' " .        | 335† <A @7 E† WUž                             |
|                     | Bai W d 6 V h [U W e             | *` . Ž \$' .          | ;` X` W a` † E f† a` e W_ [† WUž              |
|                     | 5a_ _ g` [US f [a` ? aVg`W       | #" . Ž \$' .          | DV S` f W j† ;` f W† CgS`Ua_ _ † WUž          |
| 3;                  | Ea5                              | #" . Ž %" .           | CgS`Ua_ _ † : [E [† Ua` † 3bb`W WUž           |

| Category                     | Product | Increment of Unit ASP | Representative Manufacturers |
|------------------------------|---------|-----------------------|------------------------------|
| I V&S T W<br>B d a V g U f e |         |                       |                              |

| BdaVgUf       | A dV[ Sk hVZ[U'W         | ; fW[YW f HVZ[U'W           | ; UdW W f    | 9dai fZ DSfW 8adWUSeF |
|---------------|--------------------------|-----------------------------|--------------|-----------------------|
| 6d[h[ Y 5Z[be |                          |                             |              |                       |
| ? W_ ack      | "%" \$S bWd hVZ[U'W      | A hWd" *" bWdhVZ[U'W        | A hWd\$( ' . | #* .                  |
| ? 5G          | A hWd)" UZ[be bWdhVZ[U'W | A hWd%" " UZ[be bWd hVZ[U'W | A hWd&%" .   | * .                   |
| >[VSd         | @a` W                    | # Ž%g` [fe bWdhVZ[U'W       | A hWd#" " .  | %# .                  |
| 5;E           | # Ž' g` [fe bWd hVZ[U'W  | * Ž\$" g` [fe bWdhVZ[U'W    | A hWd&" " .  | #&. .                 |
| D8;5          | "# Ž%" bWd hVZ[U'W       | A hWd"' " bWdhVZ[U'W        | A hWd#(" .   | #* .                  |
| B? ;5         | A hWd#" UZ[be bWdhVZ[U'W | A hWd%" UZ[be bWd hVZ[U'W   | A hWd%" " .  | #" .                  |

>aa] [ Y SZW\$V fa \$" \$' † 5Z[ Sie Wj badfe aX` W W Wdk hVZ[U'W i [^Ua` f[ gWfa i [f` We Z[YZ Ydai fZ† i [fZ dWSf[hWk dSb[V Ydai fZ [ \_ Sd] Wfe egUZ Se >Sf[ 3\_ Wd[US† EagfZWSeF 3e[S† S` V fZW? [VV`W 7SeFž FZW Wj badfe aX` W W Wdk bdaVgUfe †] W bZafaha †S[U S` V W Wdk efaSYWi [^ef[^ XaUge a` fZW 7gdabW\$` S` V 3\_ Wd[US` \_ Sd] Wfe† S` V fZW ahWdWSe bdaVgUf[a` †Skagf i [^SUUMW\$W 7j badfe aX` S` ad Ua` eg\_ Wd[WWUfca` [Ue USFW ad[Ve egUZ Se B5e S` V \_ aT[†WbZa` We i [^Ua` f[ gWfa VVU† WVgWfa e`gYY[eZ VW\_ S` V† S` V SffW f[a` eZag`V TWbS[V fa fZW\_ bSuf aX ba †U[Wa a` fZWdWa USf[a` aXegbb`k UZS[ ež



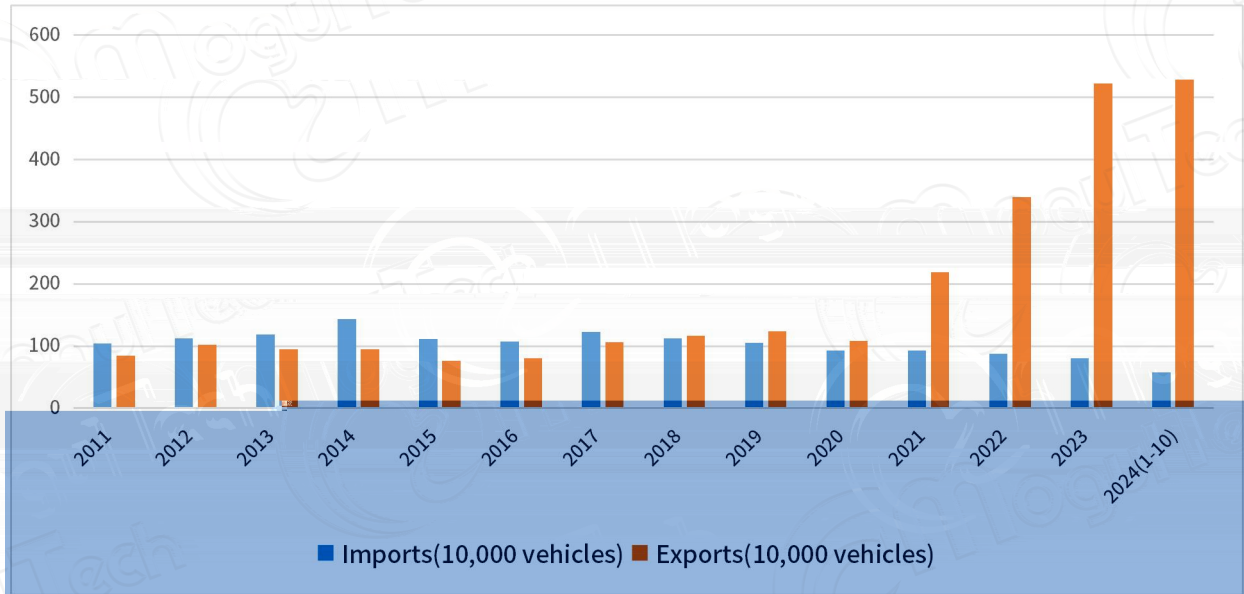
# 3gfa\_ aT[We, 7j badfe aX` W W Wk hVZ[UWe \_ S[ fS[

Z[YZ Ydai fZ

3gfa\_ aT[W[ badfe ZShWVdabbW eY` [XUS` f`k i Z[WVYbadfe dWbdWfW fW Tk  
` W W Wk hVZ[UWe \_ S[ fS[ Z[YZžebWW Ydai fZž I [fZ fZW d[eW aX Va\_ Wef[U  
Sgfa\_ aT[W S` V fZW SUUWVsf[a` aX fZW `aUS`i Sf[a` aX [ fWd Sf[a` S^ TdS` Vel  
Sgfa\_ aT[W[ badfe ZShWdW\_ S[ W e`gYY[eZ [ dWUW f kVsdž 5Z[ Sie Sgfa\_ aT[W  
[ badf ha`g\_ WZSe Ua` f[ gage`k VWU` W Sf S` ShW`SYWS` `gS^dSfWaXScag` V` \*.  
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A UfaTWd`\$` \$& " ž \* \_ [^a` Sgfa\_ aT[W i WdW[ badfWf S kVsdža` žkVsdVWUdWSeWaX  
+ ž:f [e Wj bWUfW fZSf 5Z[ Sie Sgfa\_ aT[W[ badf ha`g\_ Wi [^Ua` f[ gWfa VWU` W  
[ ` \$`\$` ž;` fWd\_ e aXfZWWj badf \_ Sd] Wf VgWfa fZW[ bSuf aXfZWY`aTS^bS` VW\_ [U  
fZWd[eWaXVa\_ Wef[U` W W Wk hVZ[UWe S` V fZW`aUS`i Sf[a` aXFWe`S [ 5Z[ S  
5Z[ Sie Sgfa\_ aT[W Wj badfe SUZ[WVW eY` [XUS` f TdW] fZdagYZe [ TafZ eSWe  
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kVsdža` žkVsd [ UdWSeWaX` , ž:f [e Wj bWUfW fZSf Sgfa\_ aT[WVj badfe i [^Ua` f[ gW  
fZWefcd` Y Ydai fZ \_ a\_ W fg\_ aX `Sef kVsd [ ` \$`\$` f S` V fZWVj badf ha`g\_ W [e  
Wj bWUfW fa d[eWgdFZVž

5ZSdf%#, E[fgSf[a` aX5Z[ Sie 3gfa\_ aT[\'W\_ badf S` V 7] badf Ha`g\_ We Xba\_ <S` gSok

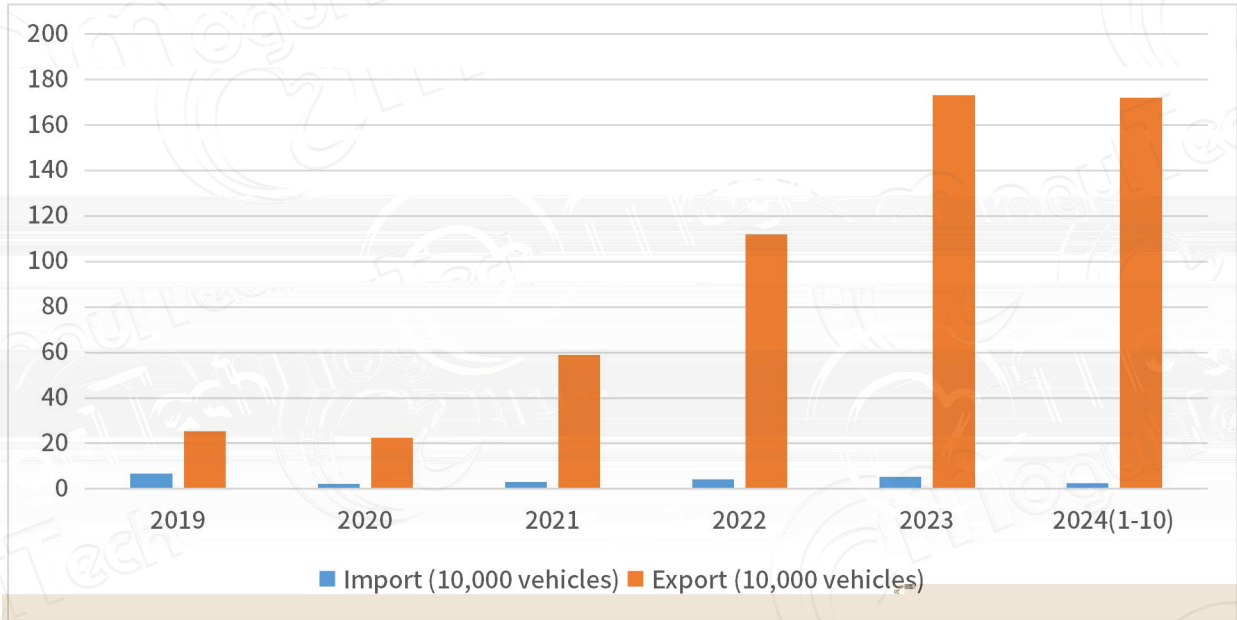
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;) fWd\_ e aXfZW[ badf S` V W badf e[fgSf[a` aX` W W Wdk hWZ[UWd Se aX  
 A UfaTWd \$" \$& fZWUg\_ g`Sf[hWW] badf ha`g\_ WaX5Z[ Sie ` W W Wdk hWZ[UWd ZSV  
 dMSUZWW #ž) \$ \_ [^a` g` [fel i [fZ S kVScŽa` ŽkVScd Ydai fZ dSfWaX #` , † TSe[US`k  
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 [ badfel S` V ` W W Wdk bSeeW YWd hWZ[UWd ZShW eZai ` dWSf[hWk i VŠ]  
 bWad\_ S` UW` >aa][` Y SZVŠV fa \$" \$' † fZW XgUfgSf[a` e [ 5Z[ Sie ` W W Wdk  
 hWZ[UW[ badfei [^Ua` f[ gWi Z[WfZW] badf agf`aa] dW\_ S[ eabf[ [ef[Už

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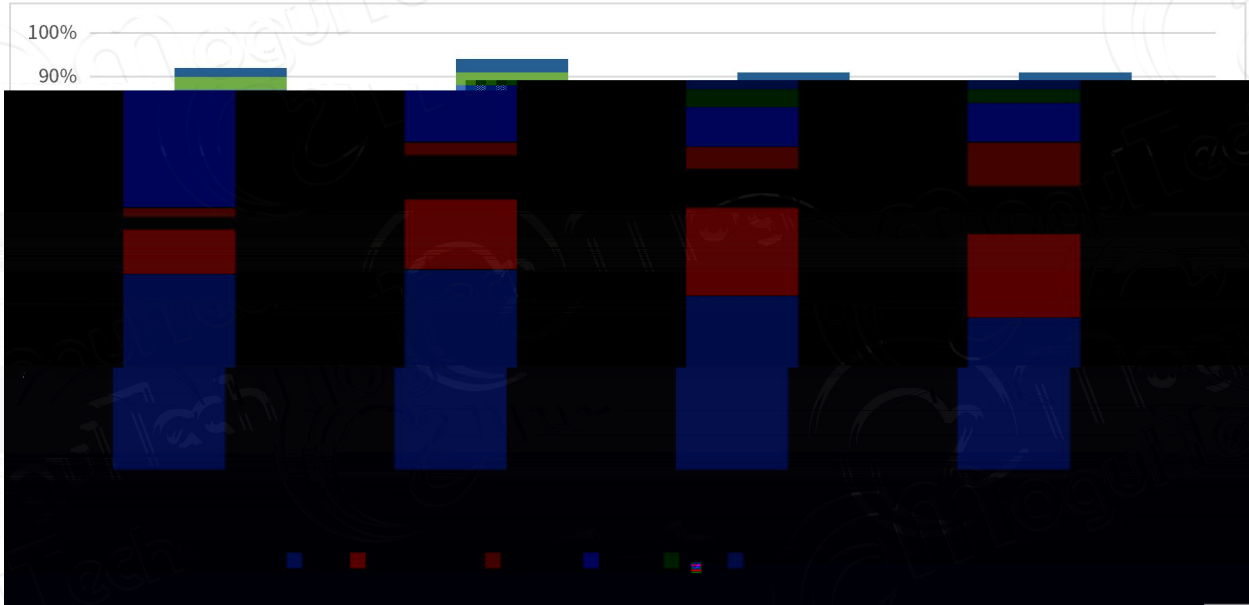
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;` fWd\_ e aX fZWV[efd[Tgf[a` aX fZW[\_ badf S` V Wj badf \_ Sd] Wfe VWhWab[ Y Uag` fd[We SdWfZW\_ S[ Wj badf Ydai fZ \_ Sd] Wfe Xad 5Z[ Sž 6a\_ Wef[U Sgfa\_ aT[W Wj badfe SdW\_ S[ k Ua\_ baeW aXbgdWWWUfd[U hvZ[U'Wet S` V fZW\_ Sd] Wfe SdW\_ S[ k Ua` UW fdSfW [ fZW7gdabVŠ` G` [a` † EagfZVŠef 3e[S† >Sf[ 3\_ Wd[US† fZW? [VV^W 7Sef S` V ea a` ž4k A UfaTWd\$" \$& fZWj badf eZSdWdVŠUZVW )' . ž3\_ a` Y fZW\_ † fZW eZSdW aX Wj badfe fa fZW7gdabVŠ` G` [a` dVŠUZVW S bVŠ] aX &( . [ "\$" \$† Tgf VdabbW fa % . Xba\_ <S` gSck fa A UfaTWd\$" \$&ž>Sf[ 3\_ Wd[US† EagfZVŠef 3e[S S` V fZW? [VV^W7Sef SdWdW[a` S^\_ Sd] Wfe fZSf ZShWeZai ` dVŠf[hWk YaaV bWd\_ S` UW [ 5Z[ Sie Sgfa\_ aT[W Wj badf Ydai fZ [ dWUW f kVŠdež >aa] [ Y SZVŠV fa \$" \$' † i [fZ fZWUZS` YWé [ dW[a` S^fdSVWS` V fSd[Xba[U'Wé [ 7gdabVŠ` V fZWG` [fW EfSfWet >Sf[ 3\_ Wd[US† EagfZVŠef 3e[S S` V fZW? [VV^W 7Sef i [^ TW fZW\_ S[ dW[a` S^ \_ Sd] Wfe XadfZWYdai fZ aXVa\_ Wef[U WWWUfd[U hvZ[U'W Wj badfež

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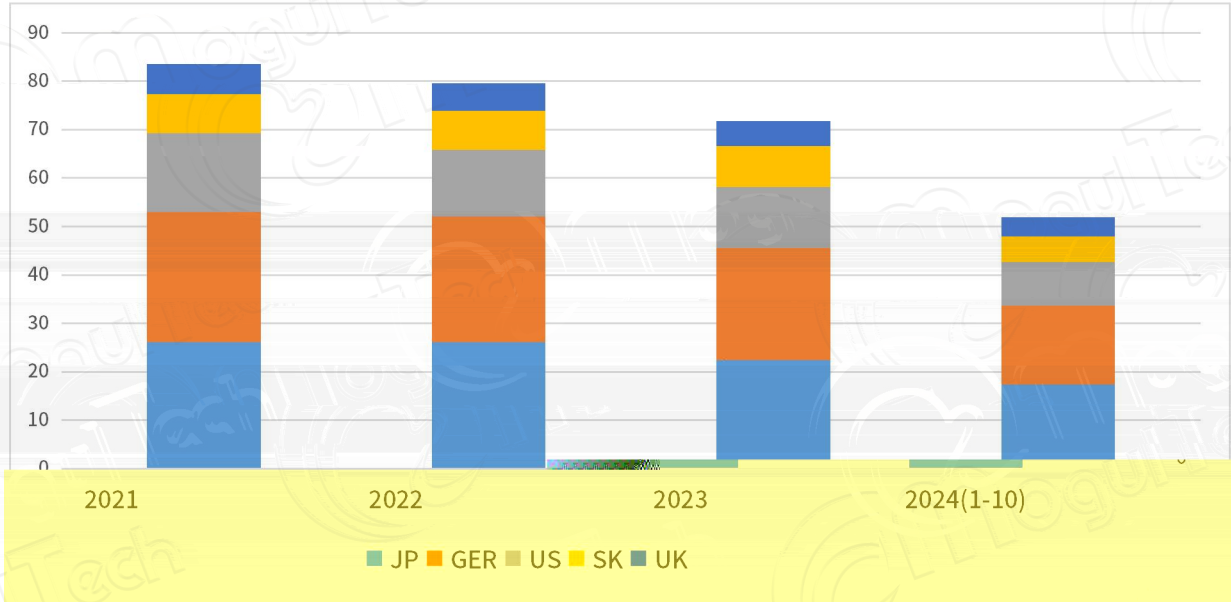
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;& fWd\_ eaXfZW[\_ badf \_ Sd] Wfi [f [e \_ S] `k Va\_ [ SfW Tk XgW^hVZ [U^Wd S` V fZW  
 [\_ badf ha^g\_ WaX` W W Wdk hVZ [U^Wd SUUag` fe Xad S dWSf[hWk e\_ S^bcbadrf[a` †  
 i [fZ <SbS` † 9Wd\_ S` k S` V fZWG` [fW EfSfWd Se fZWUadVž >aa] [ Y SZVSV fa \$" \$' †  
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 Sgfa\_ aT[W[\_ badfe i [^Ua` f] gWfa VVWU^ Vž

5ZSdf%&, Bcbbadf[a` aX5Z[ Sie 3gfa\_ aT[^W,\_ badf? Sd] Wf Xda\_ \$" \$# fa <S` gSck Ž

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A hWbS^M [ ` \$" \$' t 5Z[ Sie Wj badfe dWbdWfW fW Tk ` W W Wdk hVZ[UWVe i [^ Ua` f[ gWfa Ydai ž6WhWab[ Y Uag` fdVMe egUZ Se fZaeW[ EagfZVSe f 3e[Sf fZW? [VV^W 7Sef S` V >Sf[ 3\_ Wd[US i [^TWfZW\_ S[ Ydai fZ \_ Sd] Wf ei Z[^W[ badfe i [^dW\_ S[ i Vb] ž

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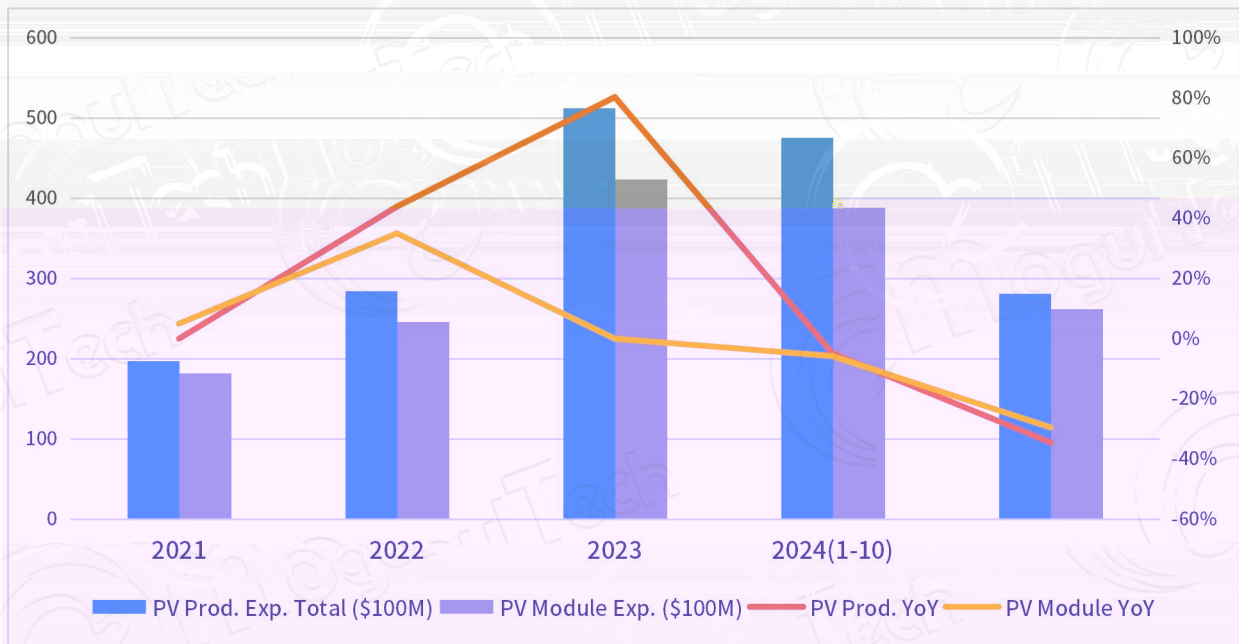
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5Z[ Sie Wj badfe aX bZafaha fS[U bdaVgUfe ZShWTWV Ydai [ Y Ua` f[ gagekž 3YS[ ef fZWTSU] Vdab aXfZWY^aTS^W Wdk fdS` e[f[a` t fZWYdWV S` V `ai ŽUSdTa` fdS` e[f[a` [e S` [dVMe efT^W fdW Vt S` V fZW VW\_ S` V Xad ahWbVSe bZafaha fS[U Sbb [USf[a` \_ Sd] Wf e [e Ua` efS` f[k [ UdVSe[ Yž 3e aXA UfaTWd \$" \$& fZWfafS^Wj badf

hS'gWaX 5Z[ Sie bZafaha fS[U bdaVgUfe /i SXWet UWet \_ aVg Vefi dWSUZWW " \$\*#& T[^a` t S` V fZW Wj badf hS'gW aX \_ aVg Vefi i Se Sbbdaj [ SfWk "(Z\$ T[^a` t SUUag` f[ Y Xad+% aXfZWfafS^Wj badf hS'gWaXbZafaha fS[U bdaVgUfež

5ZSdf % , 7j badf HS'gWaX5Z[ Sie BZafaha fS[U bdaVgUfe Xda\_ "\$ \$" fa <S` gSdK Ž

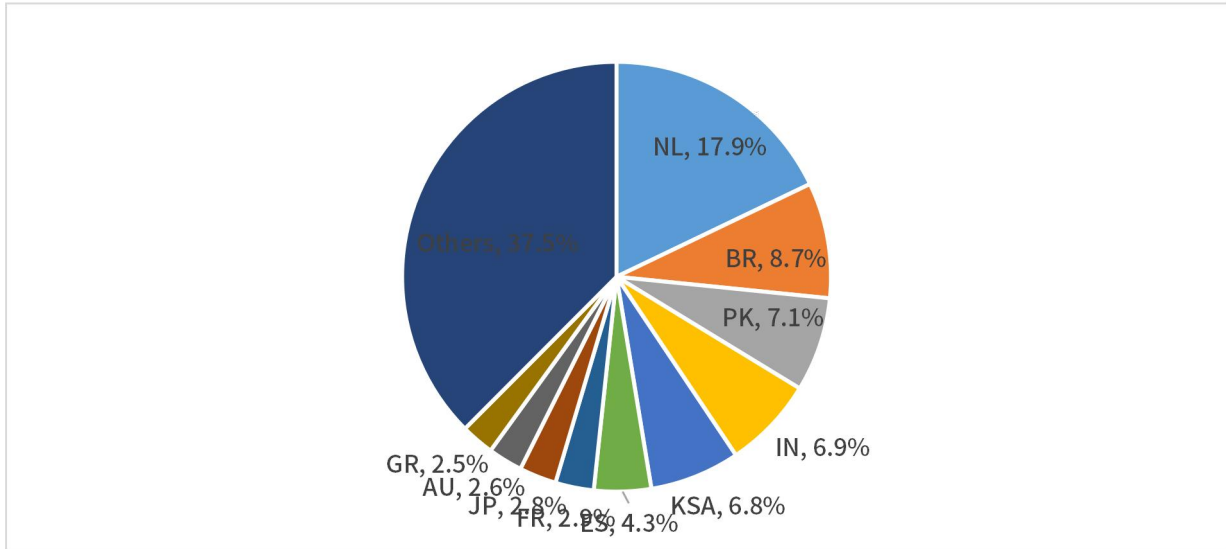
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7gdbW[e fZW \_ aef [ \_ badfS` f Wj badf \_ Sd] Wf Xad 5Z[ St Tgf [fe eZSdWZSe VWU[ VWž;` fWd\_ e aXfZWV[efd[Tgf[a` aXWj badf \_ Sd] Wf 7gdbWZSe TWVW fZW\_ aef [ \_ badfS` f Wj badf \_ Sd] Wf Xad 5Z[ Sie bZafaha fS[U bdaVgUfe e[ UW\$ " \$#ž 6gd[ Y fZW bV\$] bWd[aVi [f SUUag` fW Xad` Vsd'k ZS^XaXfZWfafS^Wj badf ha'g\_ Wž 3e aXA UfaTWd "\$ && 7gdbWdW\_ S[ e fZW'SdWef Wj badf \_ Sd] Wf Xad 5Z[ Sie bZafaha fS[U bdaVgUfe S` V Ua\_ ba` W fe[ Tgf [fe eZSdWZSe VWU[ VW e[Y` [XUS` f'ki i Z[^WfZW\_ Sd] Wf eZSdW e aXEagfZ 3e[S[ >Sf[ 3\_ Wd[US[ S` V fZW? [V^W7Sef ZShW[ UdVSeWV dWSf[hWk Xsefž >aa] [ Y SZV\$V fa "\$ \$" t fZWfdW V aXV[hWd[XUSf[a` [ 5Z[ Sie bZafaha fS[U bdaVgUf Wj badf \_ Sd] Wf i [^TW\_ adWaTh[agež

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| DW[a`!5ag` fck | ? S` gXUfgdWd | 5SbSU[fk >Skagf                                                                                                                         |
|----------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|                | 4A  3K        | \$9  TSffWk S` V Ua_ ba` W f bdaVgUf[a` Wcg[b_ W f                                                                                      |
|                | DG@7D9K       | \$9  UW^bdaVgUf[a` ↑ W                                                                                                                  |
|                | FL7           | \$" 9  e[↑Ua` i SXWd[ fWdSfW bdaVgUf[a` ↑ W[ ESgV[ 3dST[S                                                                               |
|                | : <@7         | #" 9  TSffWk [ fWdSfW bdaVgUf[a` ↑ W[ A_ S`                                                                                             |
| ? 7            | Fd[ S Ea`Sd   | ' "   " " fa` eaXe[↑Ua` XWWefaU] bdaVgUf[a` †%" 9  e[↑Ua` i SXWd' 9  UW^S` V Ua_ ba` W f bdaVgUf[a` XSU[↑f[Ve[ fZWG` [fW 3dST 7_ [dSfVe |
|                | <[ ] aEa`Sd   | #" 9  TSffWk S` V Ua_ ba` W f [ fWdSfW bdaVgUf[a` USbSU[fk [ ESgV[ 3dST[S                                                               |
|                | <3 Ea`Sd      | \$9  TSffWk S` V \$9  Ua_ ba` W f bdaVgUf[a` USbSU[f[Ve[ 7Ykbf                                                                          |
| E73            | Fd[ S Ea`Sd   | #9  TSffWk S` V _ aVg^WbdaVgUf[a` USbSU[fk [ ;` Va` V[Sz                                                                                |
|                | 6? 795        | %9  TSffWk bdaVgUf[a` USbSU[fk [ ;` Va` V[Sz                                                                                            |
|                | Ea`SdEbSUW    | +9  TSffWk S` V %9  _ aVg^WbdaVgUf[a` USbSU[f[Ve[ >Saež                                                                                 |

A hWS^f fZW 7gdabWS` \_ Sd] Wf [e fZW\_ aef [ \_ badS` f Wj badf \_ Sd] Wf Xad V a\_ Wef[U bZafaha fS[Uež I [fZ fZW Ua` f[ gage UZS` YVe [ fcdVW ba↑U[Ve] 5Z[ Sie bZafaha fS[U egbb`k UZS[ ZSe TWV [ \_ bSUFW fa ea\_ W Wj fW fZ FZW bdaVgUf[a` USbSU[fk `Skagf [ fZW? [VV^W 7Sef S` V fZW G` [fW EfSfVe ZSe SUUWWSfW S` V Y`aTS^ bZafaha fS[U \_ S` gXUfgd[ Y USbSU[fk [e VWHWab[ Y fai SdVe VWWW f dS^l Sf[a` S` V Y`aTS^l Sf[a` ž



% 7` Wk EfadSYW FZWG` [fW EfsfW: Se 4WUa\_ WfZW5adW

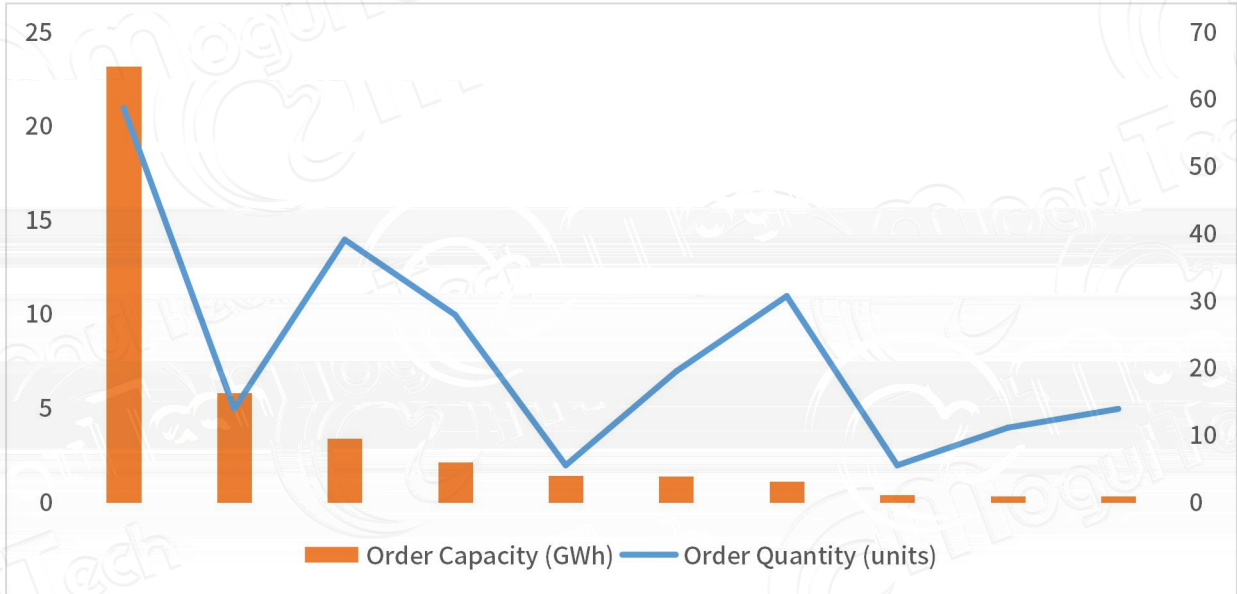
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 TWUa\_ WfZWTdS] fZdagYZ efdSfWk Xad5Z[ WWWW Wk efadSYWUa\_ bS` [Wž>aa] [ Y  
 SZWSV fa "\$ \$' † ahWVSe \_ Sd] Wf dWdWf fW Tk fZWG` [fW EfsfW S` V 7gdabWi [^  
 \_ S[ fS[ S Z[YZ VWW aXVW\_ S` V† S` V i WUa` f[ gWfa TWabf[\_ [ef[U STagf fZW  
 abbadfg` [f[W Xad5Z[ WUa\_ bS` [W fa Ya Y'aTSž

FZWG` [fW EfsfW [eS \_ S'adYdai fZ \_ Sd] Wf Xad5Z[ Sie W Wk efadSYWadVWž  
 3e aXA UfaTW "\$ \$& 5Z[ WUa\_ bS` [W ZShWi a` fZW\_ aef W Wk efadSYWadVW  
 Xa\_ fZWG` [fW EfsfW i [fZ fZW'SdWef eUS'WdWSUZ[ Y \$# S` V S fafS^eUS'WaXahWd  
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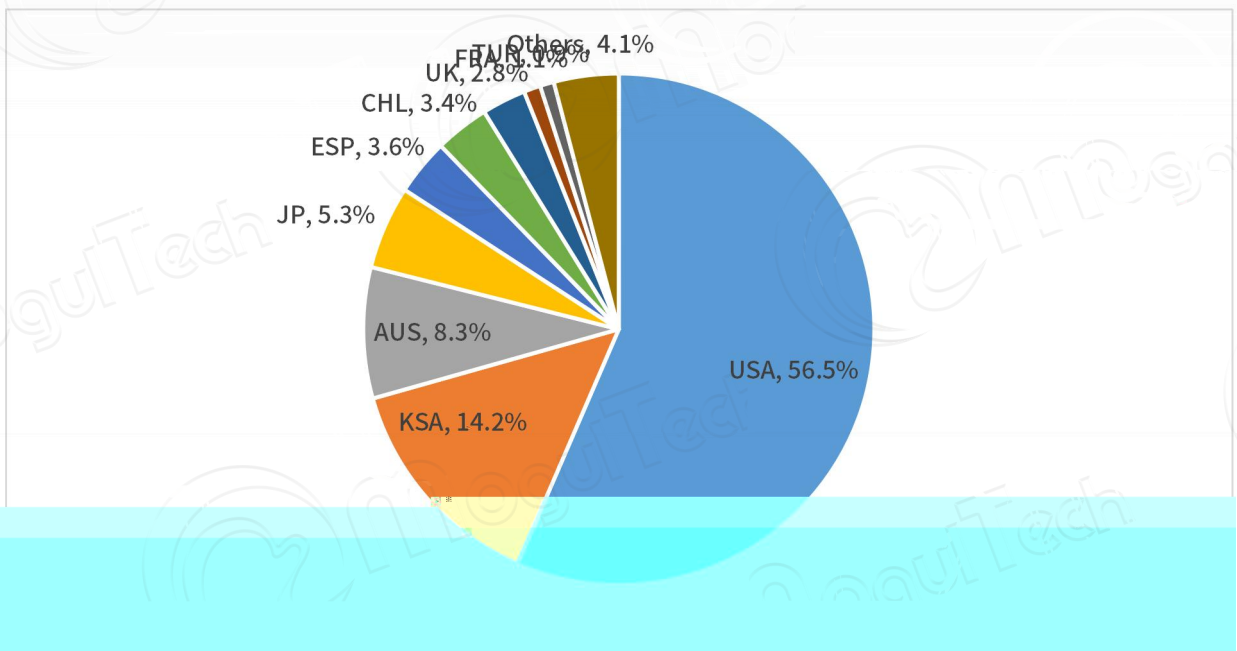
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9gaj gS` : [YZŽFWUZ† 7` h[e[a` 7` WdYk† 7H7 7` WdYk† S` V 8SdSe[e 7` WdYk ZShW  
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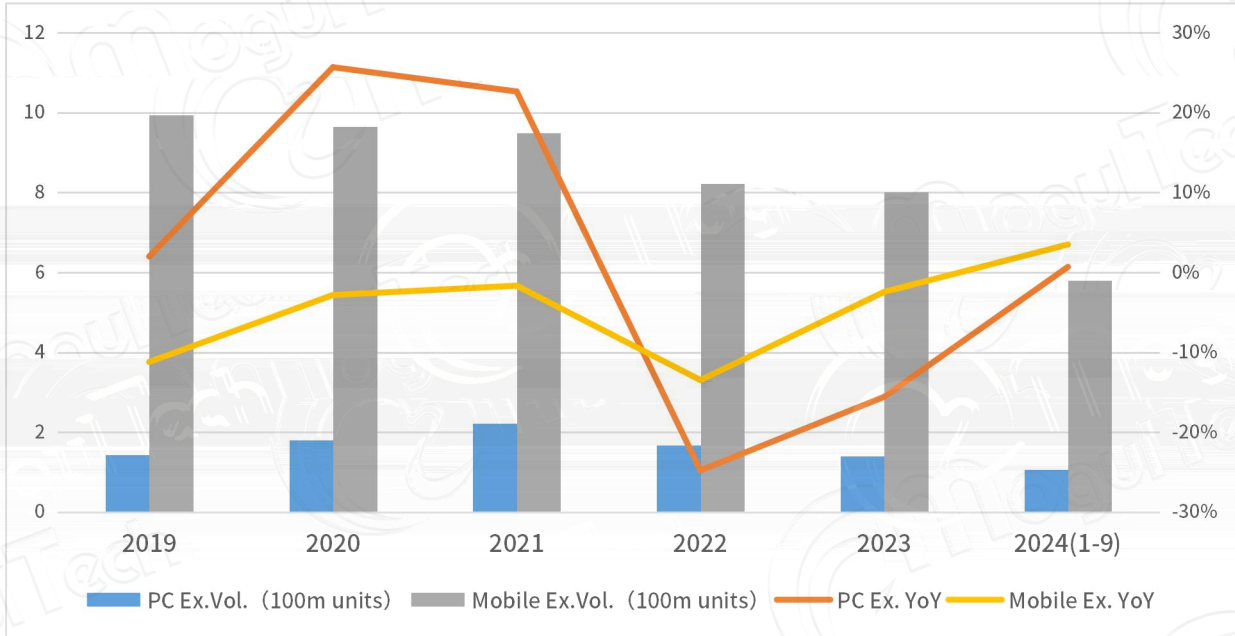
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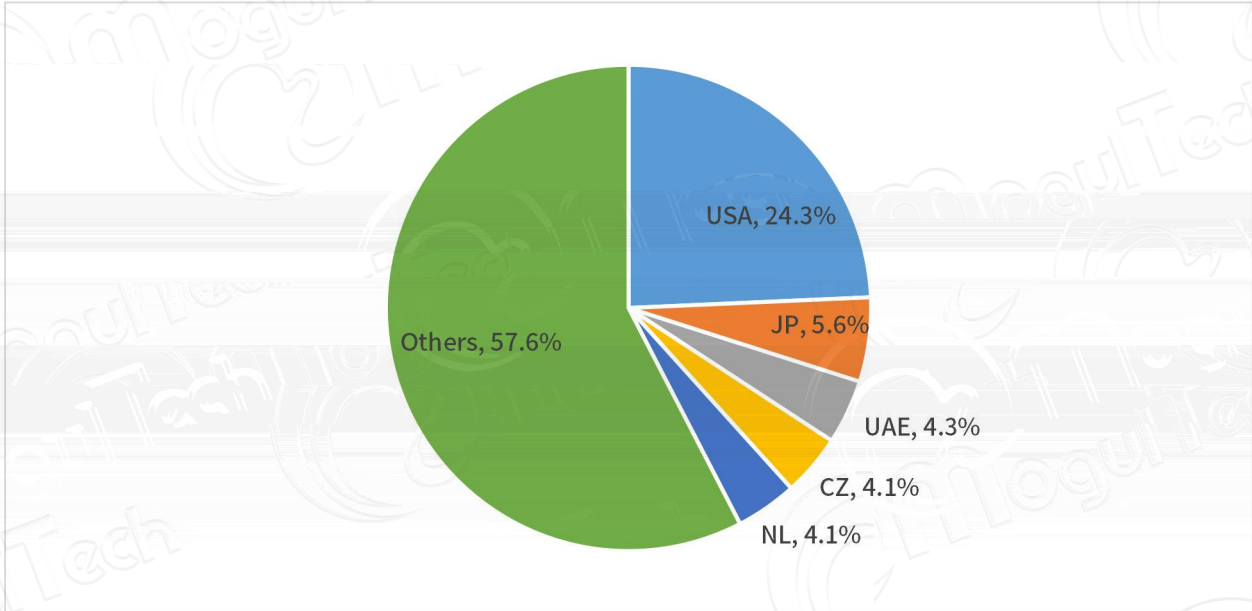
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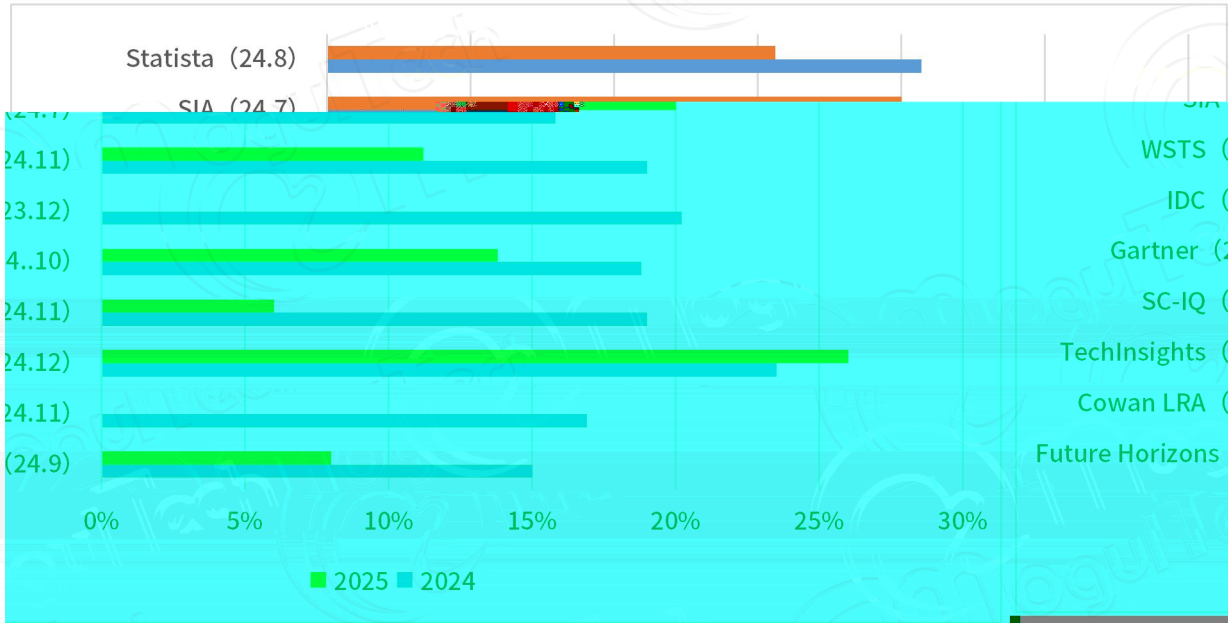
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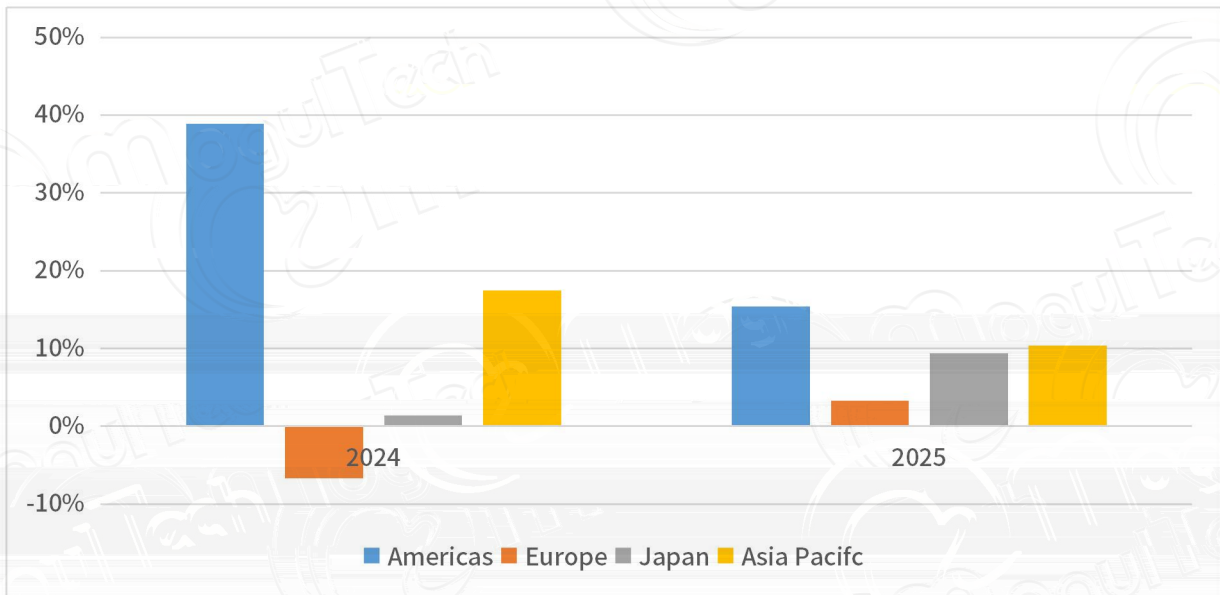
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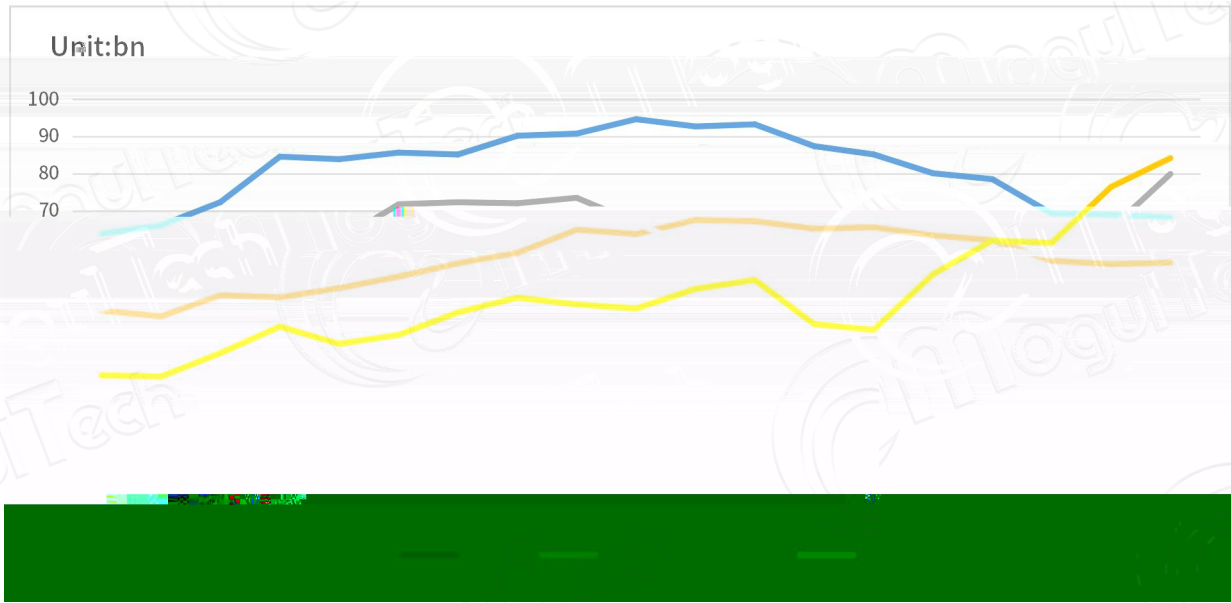
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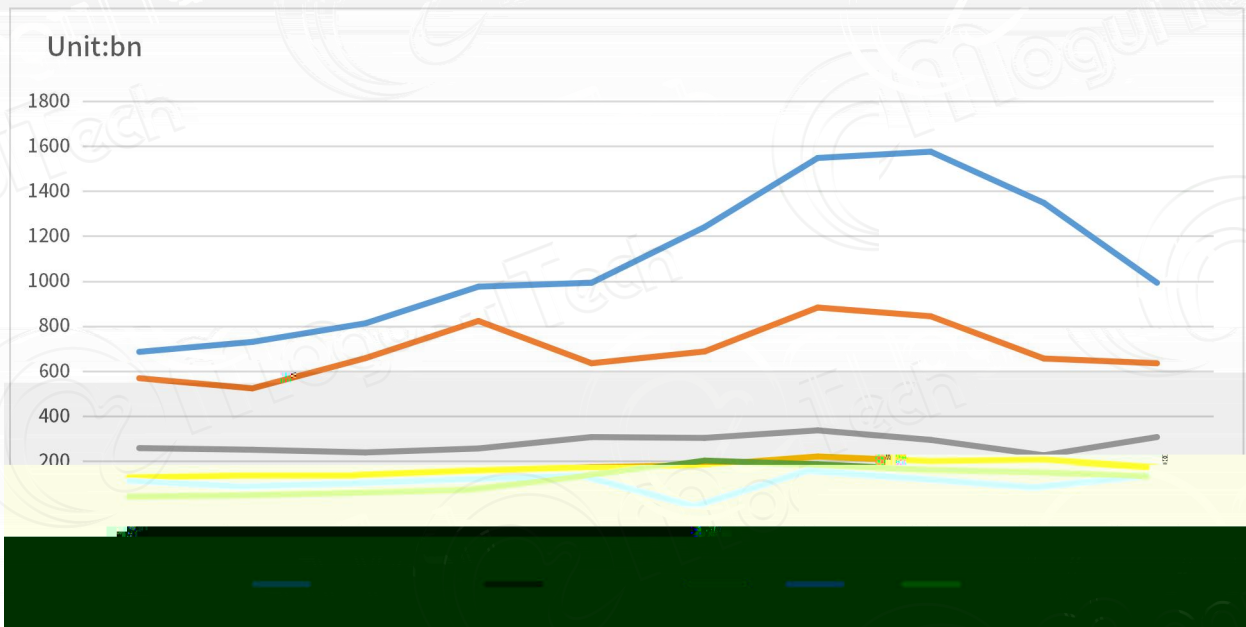
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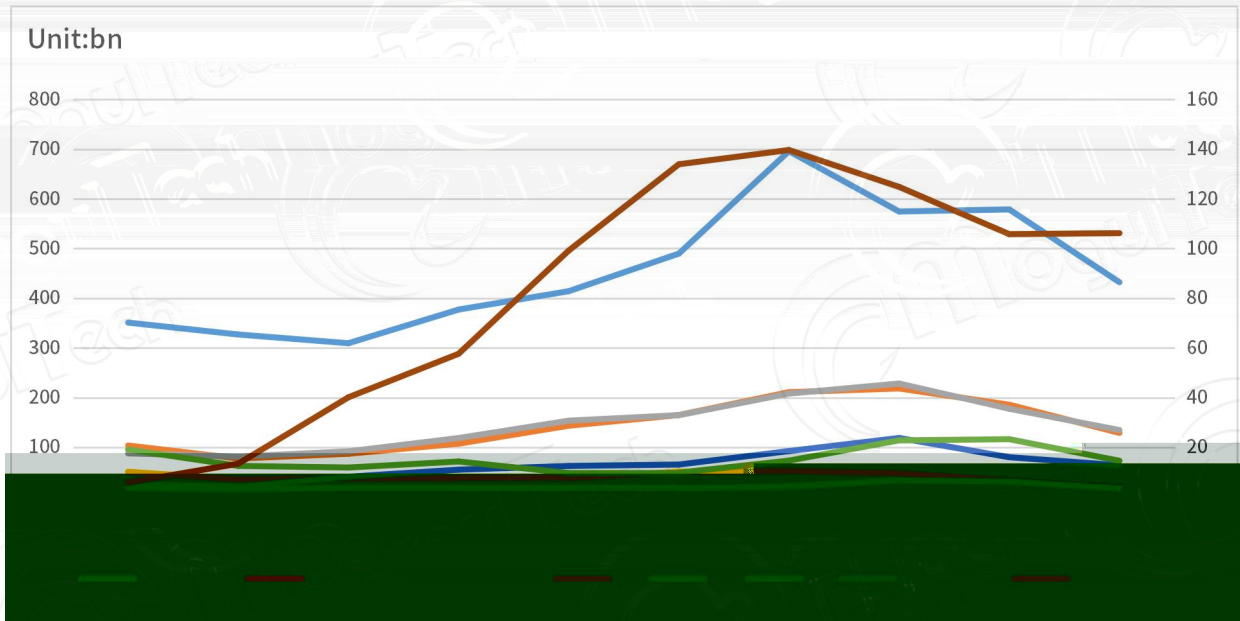


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 [ fWd Sf[a` S[| W S` V SUUMWsfW fZWd ahWdVSe \_ Sd] Wf `Skagf[ fZWd VW\_ S` V Xad  
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| 7^WUfd[U hVZ [UWe | 7G      | 9Wd_ S` k[ 8dS` UW fZW<br>G=IWUz                                  | 3gfa_ aT[We, 4K6[ 9WVkl E3;5<br>? afad 5ZVkl 9dVsf I S`? afad<br>>Vsb_ afad WUz       |
|                   | >3      | 4dSI [t 5Z[ W? Wj [Ua IWUz                                        | 5a_ ba` W fe, 53F > 9af[a` t<br><akea` t 6VSk EHI 4Sa` a` Yf<br>: [DS[ t =74A 63t WUz |
|                   | E73     | FZS[ S` V[ ;` Va` We[S[ fZW<br>BZ[ [bb[ We S` V<br>? S`Ske[S IWUz | 5a_ ba` W fe S` V 6Wh[UWe, 4K6                                                        |

| EgTV[h[e[a`                | DW[a` e | ? S`ad5ag` fd[Ve                                     | 5a` bS` k                                                                                                               |
|----------------------------|---------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
|                            | ? 7     | ESgV[ 3dST[Sl fZWG` [fW<br>3dST 7_ [dSfVet ;edSMVWUz | EW_ [Ua` VgUfad 3gfa5Z[be<br>9[YS6Vh[UW E[ Wdyk I [^<br>I [ YfWUZ t 55F5t WUz                                           |
| @W 7` Wdyk                 | @3      | FZWG` [fW EfSfVez                                    | @W 7` Wdyk ? S` gXUfgdVde,<br>Fd` S Ea`Sd >A @9[t <[ ] aEa`Sd<br><3 Ea`Sd 5E;Ct 53F> 7H7t D7BFt<br>: [fZ[g_ t 53>4t WUz |
|                            | 7G      | 9Wd_ S` kt 8dS` UW fZWG=t<br>;fS`kt EbS[ t WUz       |                                                                                                                         |
|                            | ? 7     | ESgV[ 3dST[Sl A _ S` t WUz                           | 5a_ ba` W fe? S` gXUfgdVde,<br>Eg` Ydai t 9[ `a` Yt 9aaVI W<br>6VW 3BekefW_ et WUz                                      |
|                            | E73     | ;` Va` V[S t >SaelWUz                                | 5a_ ba` W feS` V 6Vh[UW, E[ S`<br>? [Ucl t 5D? [Ucl t @57 Bai Wd<br><<l t EF3DBA I 7Dt 9[YS6Vh[UW<br>E[ al VS`fZt WUz   |
| 5a` eg_ Wd<br>7`WUfda` [Ue | 3?      | FZWG` [fW EfSfVet 4dSl [t<br>? Wj [Uat WUz           | 5a` eg_ Wd 7`WUfda` [Ue,<br>FdS` ee[a` t >W aha t J[Sa_ [t<br>A BBA t h[ha t WUz                                        |
|                            | 73      | <SbS` t EagfZ =adVSt WUz                             | 5a_ ba` W fe, : a` : S[t<br>>gj eZ SdM 9aWdW t 4K6<br>7`WUfda` [Ue t 649t WUz                                           |
|                            | ? 7     | ESgV[ 3dST[Sl fZWG` [fW<br>3dST 7_ [dSfVet WUz       | 5a_ ba` W feS` V 6Vh[UW,<br>9[YS6Vh[UW K? F5t 5J? Ft 8: t<br>E[Wdyk t EA GF: 5: ;Bt ? Sj eUW V t<br>>a` Yeket 3ED t WUz |
|                            | 38      | @[YWd[Sl EagfZ 3X[USI WUz                            |                                                                                                                         |
|                            | E73     | H[W S_ t FZS[S` V S` V<br>? S`Ske[S t WUz            |                                                                                                                         |

5gddW f`kt fZWfdW V aXVW`aTS`[ Sf[a` [ fZWeW\_ [Ua` VgUfad [ Vgefdk [e e \_ [ V



3\_ a` Y fZW\_ t fZW 7gdbWŠ` G` [a` t Se a` WaX fZW\_ S[ Wbadf dW[a` e Xad  
 5Z[ Sie` W W Wdk hVZ[UWet ZSe TWW SUf[hWk bda\_ af[ Y SVgef\_ W fe fa fSd[Xe a`  
 WWWfd[U hVZ[UWē Xba\_ 5Z[ S e[ UW`Sef kVŠč FZWba tUk UZS` YWē [ fZW XWWe aX  
 bZafaha fS[Ue [ 7gdbWS` V fZWG` [fW EfSfWē SdWXdWgW ft S` V fZWbdaVgUf[a` aX  
 Ua` eg\_ Wd WWWfda` [Ue S` V 3;ZdWSfW [ Vgefd[Wē SdWS`ea ] Wk SdWSe Xad ba tUk S` V  
 fSd[Xe XaUgež FZWG` [fW EfSfWē 7gdbW 5Z[ S[ ;` V[S[ S` V <SbS` S` V EagfZ =adWŠ  
 i [^TWUa\_ Wa` WaXfZWdW[a` S^\_ Sd] Wfe \_ aef SXXWUfW Tk Y`aTS^eW\_ [Ua` VgUfad  
 ba tU[Wē S` V fSd[Xe [ fZW XfggdW S` V fZW\_ bSuf a` fZW WWWfda` [U Ua\_ ba` W f  
 egbb`k UZS[ i [^Ua` f[ gW[ fZWUa\_ [ Y kVŠč

5ZSd' \$, 3` S`ke[eaxfZW\_ bSuf a` fZW Y`aTS^eW\_ [Ua` VgUfadegbb`k UZS[ SfVŠUZ

↑ ] [ "\$" '\$'

| FkbW                                     | >[ ]                              | EgTV[h[e[a`                                                         | 3XXWUf W fWbdeWē                             |
|------------------------------------------|-----------------------------------|---------------------------------------------------------------------|----------------------------------------------|
| 7cg[b_ W fi? S<br>fW[S^FdSVW<br>5a` fda^ | EW_ [Ua` Vg<br>Ufad<br>7cg[b_ W f | >[fZaYdSbZk _ SUZ[ Wē WU                                            | 3E? >[ @[] a` t 5S` a` t 3? 3Ft<br>>3? t WUž |
|                                          | EW_ [Ua` Vg<br>Ufad<br>? SfW[S`e  | E[↑Ua` i SXWē WWWfda` [U<br>UZW_ [US`e S` V fSdYWf<br>_ SfW[S`et WU | EZ[ Ž7feg 5ZW_ [US`<br>9`aTS1 SXWē           |

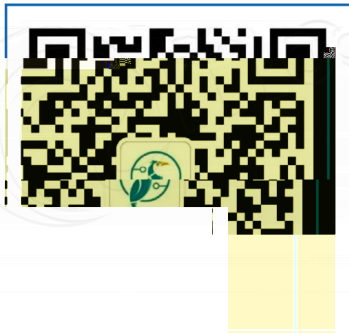
| FkbW                              | >[ ]          | EgTV[h[e[a`                               | 3XXWUf W fWbq[eWé                           |
|-----------------------------------|---------------|-------------------------------------------|---------------------------------------------|
|                                   |               |                                           | EWSYSfW S` V I 6f WfUž                      |
|                                   |               | 7fZWf WfUZ [be                            | 4daSVUa_ f? SchWf S` V @H;6;3f WfUž         |
|                                   |               | A bf[US^UZ [be                            | 5aZWf fl F; S` V 5aZWf fl WfUž              |
|                                   |               | 3` S`aY                                   | F;f 36;f 3efWf>STef S` V ? BE f WfUž        |
| 3gfa_ af[hW 5Z [be                |               | 3gfa_ af[hWUZ [be Xad Sgfa` a_ ageVd[h` Y | @H;6;3f CgS`Ua_ _ f S` V ;` fWf WfUž        |
|                                   |               | 5;E                                       | a` eW_ [f Ea` kt WfUž                       |
|                                   |               | E_ Sdf UaU] b[fUZ [be                     | CgS`Ua_ _ f 3? 6f S` V ;` fWf WfUž          |
|                                   |               | ? W_ ack                                  | 9E; f a` eW_ [f ? [UdaUZ [bf WfUž           |
| ;_ bSufe aX Ba fU[Ve S` V F Sd[Xe | 3bb fUSf[a` e | 7`WUfd[UhVZ [UWé                          | 4K6f FWe`Sf S` V 9WVkf WfUž                 |
|                                   |               | 3; eWfWde                                 | @H;6;3f 6Wf S` V 8aj Ua` ` f WfUž           |
|                                   |               | 5a` eg_ WfWUfda` [Ue                      | 3bb`W: Bf 6Wf S` V : gSi Wf WfUž            |
|                                   |               | BZafaha fS[U                              | >A @9[f Fd` S Ea` Sd S` V <[ ] aEa` Sd WfUž |

## 6 [eU^S[ Wd

FZ[e Sdf[U^W[e adYS` [l VW Tk fZW5Z[b ;` eYZfe Ua` fW f fV\$ \_ t fZWab[ [a` e a` k  
 dWbdWf f fZWSgfZadZ[ eWk dW\_ S[ ` Wgfd^fa fZWeSfW\_ W fe S` V ab[ [a` e [ fZW  
 Sdf[U^W S` V Va ` af bda[VWS` k Wj bda` e ad [ b^fW YgScS` fWV^ad fZWSUugdSukf  
 dM[ST[ ^fk ad Ua\_ b^fW Wee aXfZWUa` fW fZ FZ[e `agd S^dW\_ [ ` Ve dV\$VWe fZSf fZW  
 Ua` fW f S` V ab[ [a` e aXfZ[e dWbadf SdW^ad efgVk S` V dWVW UWa` k S` V Va ` af  
 Ua` ef[fgfWS` k [ hWef\_ W f S` V Sbb^fUSf[a` SVh[UWz DV\$VWe SdWa` k Xad dWVW UW  
 S` V b VSeWSeeg\_ Wg^dWeba` e[T [ ^fkz

? aYg^fWUZ ;` fWd Sf[a` S^>fVz

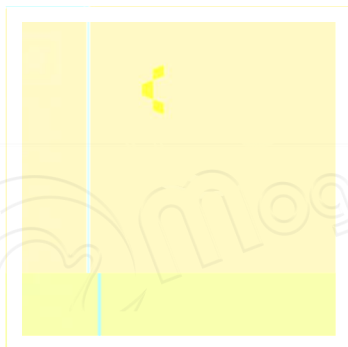
<S` gSok \$" \$'



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gSc[S` Y 7WUfda` [U@Wf ad] 9dagb [eS` [ Vgefd[S^` fVd` Wf 4\$4 Ua\_ bdVZW e[hWeVdh[UWbdah[VWdfZSf Xa UgeVé a` fZW hWf[US^` Vgefdk UZS` aX WWWfda` [U Ua\_ ba` W fež FZ Wu Ua\_ bS` k [e Vd[hW Tk V[Y[f] Sf[a` † ad[W fW fal SdVe b`SfXd\_ [Sf[a` † S` V TSeW a` S Ua\_ T` Sf[a` aX a` † W S` V aX` W 4\$4 eVdh[UWéž ;f bdah[VVé bdaXVéja` S` Y`aTS^ bdaUgdW\_ W f eVdh[UWé S` V Ua\_ bdVZW e[hW` [Xd\_ Sf[a` eVdh[UWé fa bSdf[U]bS` fe [ fZW [ Vgefdk UZS` ž;feYaS^ [efa WefST` [eZ WXX[U]W f Ua` ` WUf[a` eTWf W W fZWegbb`k S` V VW\_ S` V e[VVé aXWWWfda` [U Ua\_ ba` W fež dWgUW` [Xd\_ Sf[a` Sek\_ \_ Wdkt S` V [ \_ bdahWfdS` eSUF[a` WXX[U]W Uk S` V Ugefa\_ Vd eVdh[UW`VhWe [ fZWWWfda` [U Ua\_ ba` W f [ Vgefdk UZS` ž

I [fZ [fe ai ` V[hWéW` Vgefd[S^UZS` SVhS` fSYVé: C7@ 9dagb i [^Ua` ^STadSfWVWb`k S` V Ua\_ b`W\_ W fSd[k i [fZ `aY[ef[Uel USB[fS^Xai † S` V [ Xad\_ Sf[a` Xai [ fZW XgfgdVž;f i [^XaUge a` hWf[US^Sbb` [USf[a` SdVSe aX WWWfda` [U Ua\_ ba` W fe S` V dWSfW bdaVgUfežFZdagYZ Ua` f` gage [ ` ahSf[a` [ eVdh[UWUa` fW fl [f i [^XgdZVd Tg[V S\_ g`f[ZWhW` efaU] ŽTSeW WUakefW\_ fZSf\_ WwfefZW`a` YŽS[`bdaUgdW\_ W f` W Wvé

: C7@ 9dagb [eUa\_ \_ [ffW fa UdVf` Y S i adVŽJ`See [ Vgefd[S^` fVd` Wf b`SfXd\_ XadWWWfda` [U Ua\_ ba` W fež

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