



**PHLX Memorandum No.0666-08**

**MEMORANDUM**

**TO:** Options Members and Member Organizations

**FROM:** Todd Borneman, Director

**DATE:** April 4, 2008

**RE:** Maximum Number of Quoting (“MNQ”) Participants Permitted to be Assigned in Each Option

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Pursuant to Commentary .02 to Rule 507, please find attached to this memorandum the updated MNQ Participants for the options listed on the Philadelphia Stock Exchange.

Questions concerning this attached list indicating the maximum number of quoting participants per option may be addressed to Walt Smith, Vice President, at (215) 496-5532 or Todd Borneman, Director, at (215) 496-1261.

Maximum Number of Quoters (“MNQ”) in Equity Options  
 April 2008

Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ
A	12	ACLS	12	AGE	12	ALTR	14	ANN	14	ASBC	12	AVNR	12	BBW	12
AA	22	ACM	12	AGII	12	ALU	12	ANPI	12	ASCA	12	AVP	15	BBX	12
AACC	12	ACN	12	AGN	15	ALV	12	ANR	17	ASEI	12	AVR	12	BBY	22
AAI	12	ACO	12	AGO	12	ALVR	12	ANSS	12	ASF	12	AVT	12	BC	12
AAP	12	ACOR	12	AGP	12	ALXN	14	ANST	12	ASFI	12	AVY	12	BCE	12
AAPL	22	ACS	12	AGU	17	ALY	12	ANTP	12	ASGN	12	AVZA	12	BCO	12
AATI	12	ACTS	12	AGY	12	AM	12	ANW	12	ASH	12	AW	12	BCR	12
AAUK	12	ACTU	12	AGYS	12	AMAG	12	AOB	12	ASIA	12	AX	12	BCRX	12
AAV	12	ACW	12	AHG	12	AMAT	22	AOC	12	ASMI	12	AXE	12	BCSI	12
AB	12	ACXM	12	AHGP	12	AMCC	12	AOI	12	ASML	12	AXL	12	BDC	12
ABAX	12	ADBE	17	AHR	12	AMCN	12	APA	17	ASPM	12	AXP	22	BDE	12
ABB	12	ADCT	17	AHS	12	AMD	22	APC	17	ASTE	12	AXS	12	BDK	12
ABC	12	ADI	12	AIG	22	AME	12	APD	12	ASTI	12	AYE	12	BDX	12
ABD	12	ADLR	12	AINV	12	AMED	12	APH	12	ASTSF	12	AYI	12	BEAV	12
ABFS	12	ADM	17	AIR	12	AMG	12	APKT	12	ATCO	12	AYR	12	BEBE	12
ABH	17	ADP	12	AIRM	12	AMGN	22	APL	12	ATHN	12	AZN	13	BEC	12
ABI	12	ADS	17	AIV	12	AMIS	12	APOG	12	ATHR	17	AZO	13	BECN	12
ABK	22	ADSK	17	AIZ	12	AMKR	13	APOL	17	ATI	17	AZPN	12	BEN	12
ABM	12	ADTN	12	AJG	12	AMLN	15	APSG	12	ATK	12	AZZ	12	BER	12
ABN	12	ADVNB	12	AKAM	18	AMMD	12	APU	12	ATMI	12	B	12	BEXP	12
ABP	12	ADVS	12	AKRX	12	AMN	12	ARAY	12	ATML	12	BA	22	BEZ	12
ABT	16	AEA	12	AKS	17	AMP	12	ARBA	12	ATN	12	BABY	12	BG	17
ABTL	12	AEE	12	ALB	12	AMR	22	ARCC	12	ATPG	12	BAC	22	BGC	12
ABV	12	AEG	12	ALD	12	AMRI	12	ARD	12	ATU	12	BAM	12	BGCP	12
ABX	22	AEIS	12	ALDN	12	AMSC	12	ARG	12	ATV	12	BARE	12	BGG	12
ACAD	12	AEL	12	ALE	12	AMSG	12	ARIA	12	ATW	12	BAS	12	BGP	12
ACAS	17	AEM	17	ALEX	12	AMT	17	ARII	12	AU	17	BAX	15	BHE	12
ACC	12	AEO	17	ALGN	12	AMTD	12	ARLP	12	AUDC	12	BBB	12	BHI	17
ACE	12	AEP	12	ALJ	12	AMX	17	ARM	12	AUO	12	BBBY	17	BHP	17
ACF	17	AER	12	ALK	12	AMZN	22	ARNA	12	AUY	22	BBD	12	BHS	12
ACGL	12	AERG	12	ALKS	12	AN	12	ARO	12	AVA	12	BBG	12	BID	12
ACGY	12	AES	14	ALL	17	ANAD	12	ARQL	12	AVAV	12	BBH	12	BIDU	22
ACH	12	AET	17	ALNY	12	ANDE	12	ARRS	12	AVB	12	BBI	12	BIDZ	12
ACI	17	AFFX	12	ALO	12	ANET	12	ARRY	12	AVCT	12	BBI/B	12	BIG	12
ACIW	12	AFG	12	ALOG	12	ANF	17	ARTC	16	AVD	12	BBND	12	BIIB	17
ACL	12	AFL	12	ALSK	12	ANGO	12	ARUN	12	AVID	12	BBOX	12	BJ	12
ACLI	12	AG	12	ALTH	12	ANH	12	ARW	12	AVII	12	BBT	17	BJRI	13

Maximum Number of Quoters (“MNQ”) in Equity Options  
 April 2008

Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ
BJS	17	BRE	12	CAI	12	CCOI	12	CHH	12	CMG	17	COLM	12	CRNT	12
BK	20	BRKS	12	CAKE	12	CCRN	12	CHIC	12	CMG/B	12	CONN	12	CROX	22
BKC	12	BRL	12	CAL	17	CCRT	12	CHINA	12	CMI	15	COO	12	CRR	12
BKH	12	BRLC	12	CALM	17	CCU	22	CHK	22	CMN	12	COP	22	CRS	12
BKS	12	BRLI	12	CAM	14	CDE	17	CHKP	14	CMP	12	CORS	12	CRUS	12
BKUNA	12	BRNC	12	CAMD	12	CDL	12	CHL	17	CMRG	12	COST	17	CRXL	12
BLC	12	BRO	12	CAMP	12	CDNS	12	CHRT	12	CMS	12	COT	12	CRXX	12
BLDP	12	BRS	12	CAO	12	CE	12	CHRW	12	CMTL	12	COV	12	CRY	12
BLDR	12	BRY	12	CAR	12	CEA	12	CHS	17	CMX	12	CP	12	CRYP	12
BLG	12	BSC	22	CAT	22	CECO	14	CHTT	12	CN	12	CPB	12	CRZO	12
BLK	12	BSX	17	CATS	12	CEDC	12	CHU	12	CNA	12	CPE	12	CS	12
BLKB	12	BTH	12	CB	12	CEG	12	CHZ	12	CNB	12	CPHD	12	CSC	14
BLL	12	BTU	17	CBAK	12	CEGE	12	CI	12	CNC	12	CPKI	12	CSCO	22
BLS	12	BUCY	12	CBE	12	CELG	17	CIEN	17	CNE	12	CPLP	12	CSE	12
BLT	12	BUD	17	CBEY	12	CELL	12	CISG	12	CNET	12	CPN	12	CSGS	12
BLTI	12	BVF	12	CBG	12	CEM	12	CIT	22	CNH	12	CPNO	12	CSH	12
BLUD	12	BVN	12	CBH	12	CENX	12	CKH	12	CNI	12	CPO	12	CSIQ	17
BMC	12	BW	12	CBI	12	CEO	12	CKP	12	CNK	12	CPRT	12	CSK	12
BMRN	12	BWA	12	CBK	12	CEP	12	CKR	12	CNL	12	CPS	12	CSL	12
BMY	17	BWLD	12	CBLI	12	CEPH	17	CL	12	CNMD	12	CPSL	12	CSR	12
BNE	12	BWNG	12	CBR	12	CERN	12	CLB	12	CNO	12	CPST	12	CSTR	12
BNI	17	BWP	12	CBRL	12	CERS	12	CLDN	12	CNP	12	CPTS	12	CSUN	12
BONT	12	BWS	12	CBS	17	CETV	12	CLF	17	CNQ	14	CPWM	12	CSX	17
BOOM	12	BX	17	CBS/A	12	CF	17	CLHB	12	CNQR	12	CPWR	12	CTAS	12
BOW	13	BXC	12	CBSS	12	CFC	22	CLMT	12	CNSL	12	CPX	12	CTB	12
BP	17	BXP	12	CBST	12	CFFN	12	CLNE	12	CNTF	12	CQB	12	CTCO	12
BPA	12	BXS	12	CBT	12	CFR	12	CLR	12	CNW	12	CR	12	CTL	12
BPAX	12	BYD	12	CBZ	12	CFSG	12	CLS	12	CNX	17	CRA	12	CTRP	12
BPFH	12	BYI	12	CC	17	CG	12	CLWR	12	COCO	12	CRAY	12	CTSH	17
BPL	12	BZH	17	CCC	12	CGNX	12	CLX	12	COF	22	CRBC	12	CTV	12
BPOP	12	BZP	12	CCE	12	CGPI	12	CLZR	12	COG	12	CRDN	16	CTX	17
BPT	12	C	22	CCI	12	CGV	12	CMA	12	COGO	12	CREE	21	CTXS	17
BQI	12	CA	15	CCJ	17	CGX	12	CMC	13	COGT	12	CRI	12	CUB	12
BR	12	CAB	12	CCK	12	CHA	12	CMCSA	17	COH	15	CRK	12	CUTR	12
BRC	12	CACH	12	CCL	17	CHB	12	CMCSK	17	COHU	12	CRL	12	CVA	12
BRCD	12	CAG	12	CCMP	12	CHD	12	CME	17	COI	12	CRM	17	CVC	12
BRCM	22	CAH	14	CCO	12	CHE	12	CMED	12	COL	12	CRME	12	CVD	12

Maximum Number of Quoters (“MNQ”) in Equity Options  
 April 2008

Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ
CVG	12	DCGN	12	DLB	12	DTV	17	EHTH	12	EQ	12	EXC	12	FGP	12
CVGI	12	DCI	12	DLM	12	DUK	12	EIG	12	EQIX	12	EXEL	12	FHN	12
CVH	12	DCO	12	DLTR	12	DV	12	EIX	12	EQR	12	EXH	12	FIC	12
CVO	12	DCP	12	DLX	12	DVA	12	EJ	12	EQT	12	EXM	12	FIG	12
CVP	12	DD	17	DMLP	12	DVAX	12	EK	17	ERES	12	EXP	12	FINL	12
CVS	17	DDE	12	DNA	17	DVN	17	EL	12	ERF	12	EXPD	12	FIS	12
CVTX	12	DDGIT	12	DNB	12	DVR	12	ELN	22	ERIC	17	EXPE	12	FISV	12
CVX	22	DDS	12	DNDN	22	DVY	12	ELNK	12	ERJ	12	EXTR	12	FITB	17
CW	12	DDUP	12	DNEX	12	DWA	12	ELON	12	ERTS	15	EYE	12	FIX	12
CWST	12	DE	22	DNR	12	DXCM	12	ELOS	12	ESE	12	EZCH	12	FIZZ	12
CWTR	15	DECK	12	DO	16	DY	12	ELX	12	ESEA	12	EZPW	12	FL	12
CX	13	DEH	12	DOV	12	DYAX	12	ELY	12	ESI	12	F	22	FLDR	12
CXG	12	DEIX	12	DOW	17	DYN	12	EMC	22	ESIO	12	FAF	12	FLE	12
CXO	12	DELL	22	DOX	12	EAC	12	EME	12	ESL	12	FALC	12	FLEX	15
CXR	12	DENN	12	DPM	12	EAS	12	EMIS	12	ESLR	16	FARO	12	FLIR	12
CXW	12	DEO	12	DPSG	12	EAT	12	EMKR	12	ESRX	17	FAST	12	FLML	13
CY	17	DEPO	12	DPTR	12	EBAY	22	EMMS	12	ESS	12	FBC	12	FLO	12
CYBS	12	DERN	12	DPZ	12	ECA	17	EMN	12	ESV	17	FBN	12	FLOW	12
CYBX	12	DF	12	DRC	12	ECL	12	EMR	15	ETE	12	FBR	12	FLR	17
CYD	12	DFG	12	DRE	12	ECLP	12	ENDP	12	ETFC	22	FCEL	12	FLS	12
CYH	12	DFR	12	DRI	12	ED	12	ENER	14	ETH	12	FCFS	12	FLSH	12
CYMI	12	DFS	17	DRIV	14	EDR	12	ENG	12	ETM	12	FCH	12	FLWS	12
CYN	12	DGII	12	DRL	12	EDS	13	ENH	12	ETN	12	FCL	12	FMC	12
CYPB	12	DGIT	12	DRQ	12	EDU	12	ENI	12	ETP	12	FCN	12	FMCN	17
CYT	12	DGX	14	DRRX	12	EEE	12	ENR	12	ETR	12	FCS	12	FMD	12
CYTR	12	DHI	17	DRS	12	EEFT	12	ENTG	12	EVC	12	FCSX	12	FMX	12
CZL	12	DHR	12	DRYS	16	EEM	22	ENZ	12	EVVV	12	FCX	22	FNF	12
CZN	12	DHT	12	DSL	12	EEP	12	ENZN	12	EW	12	FDG	14	FNFG	12
D	12	DIA	22	DSPG	12	EEQ	12	EOG	17	EWBC	12	FDO	12	FNI	12
DAI	13	DIOD	12	DST	12	EFA	22	EP	14	EWC	12	FDP	12	FNM	22
DAKT	12	DIS	17	DSTI	12	EFII	12	EPAY	12	EWG	12	FDRY	17	FO	12
DAL	22	DISCA	12	DSW	12	EFJI	12	EPD	12	EWH	17	FDS	12	FOR	12
DAVE	12	DISH	17	DSX	12	EFX	12	EPE	12	EWJ	17	FDX	17	FORM	12
DB	12	DITC	12	DT	12	EGLE	12	EPEX	12	EWV	12	FE	12	FOSL	12
DBA	17	DIVX	12	DTE	12	EGO	12	EPIC	12	EWY	12	FED	12	FOXH	12
DBC	17	DK	12	DTG	12	EGP	12	EPIQ	12	EWZ	22	FEIC	12	FPL	12
DBRN	12	DKS	13	DTPI	12	EGY	12	EPL	12	EXBD	12	FFIV	17	FRE	22

Maximum Number of Quoters (“MNQ”) in Equity Options  
 April 2008

Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ
FRED	12	GDP	12	GMCR	12	GTOP	12	HGT	12	HOLX	16	HWCC	12	IFON	12
FRG	12	GDW	12	GME	17	GTXI	12	HHD	12	HON	17	HXL	12	IFSIA	12
FRNT	12	GDX	22	GMKT	12	GU	12	HHGP	12	HOS	12	HXM	12	IFX	12
FRO	12	GE	22	GMR	12	GVA	12	HHH	12	HOT	17	HYC	12	IGN	12
FRP	12	GEL	12	GMST	12	GVHR	12	HHJ	12	HOTT	12	HYTM	12	IGT	17
FRPT	12	GENZ	14	GMT	12	GW	12	HIBB	12	HOV	22	HZO	12	IHP	12
FRX	16	GEO	12	GMXR	12	GWR	12	HIFN	12	HP	12	IACI	12	IIG	12
FRZ	12	GERN	12	GNA	12	GWW	12	HIG	12	HPC	12	IAG	12	IIIN	12
FSH	12	GES	12	GNK	12	GXP	12	HIT	12	HPQ	22	IAI	12	IJI	12
FSLR	22	GET	12	GNTX	12	GY	12	HITT	12	HPY	12	IAR	12	IIVI	12
FST	12	GFA	12	GNW	12	GYMB	12	HIW	12	HRB	17	IART	12	IJH	12
FSTR	12	GFF	12	GOL	12	HAE	12	HK	12	HRH	12	IBB	17	IKN	12
FSYS	12	GFG	12	GOLD	12	HAIN	12	HL	17	HRL	12	IBI	12	ILF	12
FTD	12	GFI	17	GOOG	22	HAL	22	HLEX	12	HRLY	12	IBKR	12	ILMN	12
FTEK	12	GFIG	12	GPC	12	HANS	17	HLF	12	HRP	12	IBM	22	IM	12
FTI	12	GG	22	GPI	12	HAR	12	HLIT	12	HRS	12	IBN	17	IMA	13
FTK	12	GGB	12	GPN	12	HAS	12	HLS	12	HRZ	12	ICE	17	IMAX	12
FTO	17	GGC	12	GPRO	12	HB	12	HLTH	14	HS	12	ICF	12	IMB	17
FTU	12	GGG	12	GPS	17	HBAN	12	HLX	12	HSC	12	ICGE	12	IMCL	17
FUL	12	GGP	12	GR	12	HBC	22	HLYS	12	HSIC	12	ICO	12	IMGN	12
FULT	12	GGR	12	GRA	17	HBI	12	HMA	12	HSII	12	ICON	12	IMH	12
FVE	12	GHS	12	GRMN	17	HC	12	HMC	12	HSP	12	ICUI	12	IMLN	12
FVRL	12	GIFI	12	GROW	12	HCBK	12	HME	12	HST	12	ID	12	IMMR	12
FWLT	17	GIGM	12	GRP	12	HCC	12	HMIN	12	HSTX	12	IDA	12	IMN	12
FXEN	12	GILD	17	GRRF	12	HCN	12	HMSY	12	HSY	14	IDCC	17	IMO	12
FXI	23	GILT	12	GRS	12	HCP	12	HMX	12	HTCH	12	IDEV	12	IMOS	12
FXP	17	GIS	12	GRZ	12	HD	22	HMY	16	HTE	12	IDIX	12	IN	12
G	12	GIVN	12	GS	22	HDLM	12	HNI	12	HTH	12	IDSY	12	INAP	12
GA	12	GKK	12	GSAT	12	HE	12	HNP	12	HTLD	12	IDTI	12	INCY	12
GAP	12	GLBC	12	GSF	14	HEES	12	HNR	12	HTX	12	IDU	12	INFA	12
GAS	12	GLBL	12	GSH	12	HELE	12	HNSN	12	HTZ	12	IEF	12	INFN	12
GB	12	GLG	13	GSIC	12	HEPH	12	HNT	17	HUB/B	12	IESC	12	INFY	14
GBBK	12	GLNG	12	GSIG	12	HERO	12	HNZ	12	HUBG	12	IEV	12	ING	12
GCI	14	GLS	12	GSK	13	HES	17	HOC	12	HUM	17	IEX	12	INGN	12
GCO	12	GLT	12	GSS	12	HEW	12	HOFF	12	HUN	12	IFF	12	ININ	12
GD	12	GLW	17	GT	14	HGR	12	HOG	17	HW	12	IFLO	12	INSP	12
GDI	12	GM	22	GTI	12	HGSI	13	HOKU	12	HWAY	12	IFNY	12	INSU	12

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 April 2008

Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ
INT	12	ITW	15	JAVA	17	KBW	12	KSU	12	LINTA	12	LUX	12	MDP	12
INTC	22	ITWO	12	JBHT	12	KCI	13	KSWS	12	LIZ	12	LVLT	17	MDR	13
INTU	16	IUSA	12	JBL	15	KDE	12	KV/A	12	LKQX	12	LVS	17	MDT	15
INWK	12	IVAC	12	JBLU	14	KDN	12	KVHI	12	LLL	12	LXK	16	MDTL	17
IO	12	IVGN	12	JBX	12	KEG	12	KWK	12	LLNW	12	LXU	12	MDU	12
IOC	17	IVN	12	JCG	12	KEM	12	LACO	12	LLTC	14	LYTS	12	MDVN	12
IOM	12	IWA	12	JCI	12	KEP	12	LAMR	12	LLY	17	LYV	12	MDY	22
IOO	12	IWF	12	JCOM	12	KERX	17	LAVA	12	LM	17	LZ	12	ME	12
IP	13	IWM	22	JCP	17	KEX	12	LAZ	12	LMC	12	LZB	12	MECA	12
IPAS	12	IWN	12	JDAS	12	KEY	12	LBTYA	12	LMNX	12	M	17	MED	12
IPCC	12	IWO	17	JDSU	14	KFRC	12	LBY	12	LMRA	12	MA	22	MEDX	16
IPG	12	IWOV	12	JEC	12	KFT	17	LCAPA	12	LMT	12	MAA	12	MEE	17
IPGP	12	IWS	12	JEF	12	KFY	12	LCAV	12	LNC	12	MAN	12	MEG	12
IPSU	12	IWV	12	JKHY	12	KG	13	LCC	17	LNCR	12	MANH	12	MELI	12
IR	15	IXC	12	JLL	12	KGC	17	LCRD	12	LNET	12	MAR	12	MENT	12
IRBT	12	IXG	12	JMBA	12	KHD	12	LDG	12	LNG	12	MAS	12	MER	22
IRF	13	IXJ	12	JNJ	17	KIM	12	LDIS	12	LNT	12	MAT	12	MERX	12
IRIS	12	IXN	12	JNPR	22	KKD	12	LDK	22	LNJ	12	MATK	12	MESA	12
IRM	12	IXP	12	JNS	12	KLAC	17	LDSH	12	LOJN	12	MATR	12	MET	12
ISBC	12	IXYS	12	JNY	12	KLIC	12	LEA	12	LONG	12	MAXY	12	MF	17
ISCA	12	IYC	12	JOBS	12	KMB	12	LEAP	12	LOOP	12	MBI	22	MFC	12
ISIL	14	IYF	12	JOE	12	KMP	12	LEE	12	LOW	17	MBT	12	MFE	12
ISIS	12	IYG	12	JOSB	17	KMR	12	LEG	12	LPL	12	MC	12	MFLX	12
ISLE	12	IYH	12	JOYG	17	KMX	17	LEH	22	LPNT	12	MCCC	12	MGAM	12
ISLN	12	IYJ	12	JPM	22	KND	12	LEN	19	LPX	12	MCD	17	MGG	12
ISPH	12	IYK	12	JRCC	12	KNDL	12	LF	12	LRCX	16	MCGC	12	MGI	12
ISRG	17	IYM	12	JRJC	12	KNOT	12	LFC	17	LRY	12	MCHP	12	MGM	17
ISSC	12	IYR	22	JRN	12	KNSY	12	LFG	12	LSI	13	MCHX	12	MGPI	12
ISSI	12	IYT	12	JSDA	12	KNX	12	LFL	12	LSTR	12	MCK	12	MHK	12
IT	12	IYW	12	JTX	12	KNXA	12	LFUS	12	LTD	14	MCO	17	MHP	12
ITC	12	IYY	12	JUPM	12	KO	17	LGF	12	LTM	12	MCRI	12	MHS	17
ITF	12	IYZ	12	JWN	17	KONG	12	LGND	12	LTR	12	MCRL	12	MI	12
ITG	12	JADE	12	K	12	KOP	12	LH	12	LTXX	12	MCRS	12	MIC	12
ITMN	12	JAH	12	KALU	12	KOPN	12	LHCG	12	LUFK	12	MCX	12	MICC	12
ITRI	12	JAKK	12	KBH	17	KR	12	LIFC	12	LUK	12	MDC	12	MIG	12
ITT	12	JAS	12	KBM	12	KRY	12	LII	12	LULU	17	MDCO	12	MIL	12
ITU	12	JASO	17	KBR	12	KSS	17	LINE	12	LUV	17	MDG	12	MINI	12

Maximum Number of Quoters (“MNQ”) in Equity Options  
 April 2008

Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ
MIPS	12	MRCY	12	MWE	12	NFP	12	NRGY	12	NWN	12	OMX	14	PAL	17
MIR	22	MRH	12	MWV	12	NFS	12	NRMX	12	NWS	13	ONNN	12	PALM	17
MKC	12	MRK	22	MWY	12	NFX	12	NRP	12	NWS/A	12	ONXX	17	PANL	12
MKSI	12	MRO	17	MXIM	12	NG	12	NS	12	NWY	12	OPLK	12	PARD	12
MLHR	12	MRVC	12	MXML	12	NGAS	12	NSANY	12	NXG	12	OPMR	12	PARL	12
MLI	12	MRVL	22	MXU	12	NGLS	12	NSC	17	NXTM	12	OPTN	12	PAY	12
MLM	12	MRX	13	MXWL	12	NGPC	12	NSH	12	NXY	12	OPWV	12	PAYX	17
MLNM	13	MS	22	MYGN	17	NGS	12	NSIT	12	NY	12	ORB	12	PBCT	12
MM	12	MSA	12	MYL	17	NHWK	12	NSM	15	NYB	12	ORBK	12	PBG	12
MMC	13	MSCC	12	N	12	NI	12	NSR	12	NYC	12	ORCAL	12	PBH	12
MMLP	12	MSCS	12	NABI	12	NICE	12	NST	12	NYNY	12	ORCC	12	PBI	12
MMM	17	MSFT	22	NAFC	12	NIHD	17	NSTC	12	NYT	12	ORCL	22	PBR	22
MMP	12	MSM	12	NAK	12	NILE	12	NSTK	12	NYX	17	ORCT	12	PBT	12
MMR	12	MSO	12	NAL	12	NITE	12	NT	17	OC	12	ORH	12	PBW	12
MMS	12	MSTR	12	NANO	12	NKE	17	NTAP	22	OCNF	12	ORLY	12	PBY	12
MMSI	12	MT	12	NARA	12	NKTR	12	NTE	12	OCNW	12	OSG	12	PCAR	15
MNC	12	MTB	12	NAT	12	NL	12	NTES	14	OCR	12	OSIP	17	PCG	12
MNI	12	MTD	12	NATI	12	NLC	12	NTG	12	ODP	15	OSIR	12	PCH	12
MNKD	12	MTEX	12	NBIX	12	NLS	12	NTGR	12	ODSY	12	OSIS	12	PCL	12
MNST	17	MTG	17	NBL	13	NLY	22	NTO	12	OEF	12	OSK	12	PCLN	17
MNT	12	MTH	12	NBR	17	NM	12	NTRI	19	OEH	12	OSTE	12	PCMC	12
MNTA	12	MTL	12	NCC	22	NMTI	12	NTRS	12	OFG	12	OSTK	14	PCP	12
MO	22	MTN	12	NCI	12	NMX	17	NTY	12	OI	12	OSUR	12	PCR	12
MOH	12	MTRX	12	NCR	12	NNDS	12	NU	12	OIH	22	OTEX	12	PCS	12
MOLX	12	MTSN	12	NCS	12	NNI	12	NUAN	12	OII	12	OTIV	12	PCSX	12
MOLXA	12	MTU	12	NCT	12	NOBL	12	NUE	17	OIS	12	OTTR	12	PCU	17
MON	22	MTW	12	NCTY	12	NOC	12	NURO	12	OKE	12	OVEN	12	PCX	12
MOO	12	MTXX	12	NCX	12	NOK	22	NUS	12	OKS	12	OVTI	17	PCZ	12
MORN	12	MTZ	12	NDAQ	15	NOOF	12	NUVA	12	OLN	12	OWW	12	PD	12
MOS	22	MU	19	NDN	12	NOV	17	NVAX	12	OMC	13	OXM	12	PDC	12
MOSY	12	MUR	12	NE	17	NOVL	13	NVDA	22	OMCL	12	OXPS	12	PDCO	12
MOT	22	MV	12	NEM	22	NOVN	12	NVLS	15	OMEX	12	OXY	17	PDE	17
MPEL	12	MVL	12	NETL	12	NP	12	NVS	12	OMG	12	OZM	12	PDGI	12
MPG	12	MVSN	12	NEU	12	NPBC	12	NVT	12	OMI	12	PAA	12	PDLI	17
MPS	12	MW	12	NEXC	12	NPSP	12	NVTL	14	OMNI	12	PAAS	17	PDS	12
MPW	12	MWA	12	NFG	12	NR	12	NWA	17	OMRI	12	PACR	12	PEC	12
MR	12	MWA/B	12	NFLX	17	NRG	22	NWL	12	OMTR	12	PAET	12	PEET	12

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Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ
PEG	12	PLD	12	PRE	12	QDEL	12	REFR	12	ROP	12	SAIA	12	SGP	22
PEIX	12	PLL	12	PRFT	12	QGEN	12	REGN	12	ROSE	12	SAP	17	SGR	12
PEP	17	PLLL	12	PRGO	12	QI	12	RES	12	ROST	12	SAPE	12	SGU	12
PER	12	PLQ	12	PRGS	12	QID	17	REXI	12	RRC	12	SAY	12	SGY	12
PETD	12	PLT	12	PRKR	12	QLGC	14	RF	12	RRD	12	SBAC	12	SHFL	12
PETM	12	PLUG	12	PRST	12	QLTI	12	RFMD	12	RRGB	12	SBGI	12	SHI	12
PETS	12	PLXS	12	PRU	17	QMAR	12	RGC	12	RRI	12	SBUX	17	SHLD	22
PFCB	17	PM	12	PRX	12	QQQQ	22	RGLD	12	RS	12	SCG	12	SHLM	12
PFE	22	PMC	12	PRXI	12	QSC	12	RGNC	12	RSH	14	SCHN	12	SHOO	12
PFG	12	PMCS	13	PRXL	12	QSFT	12	RGR	12	RSO	12	SCHS	12	SHPGY	17
PFS	12	PMI	13	PSA	12	QSII	12	RGS	12	RSTI	12	SCHW	17	SHW	12
PFWD	12	PMTC	12	PSD	12	QXM	12	RHD	12	RSTO	12	SCI	12	SI	12
PG	22	PMTI	12	PSS	12	R	12	RHI	12	RSYS	12	SCMR	12	SIAL	12
PGH	12	PNC	17	PSSI	12	RA	12	RHT	17	RT	12	SCON	12	SID	12
PGJ	12	PNCL	12	PSUN	12	RACK	12	RIG	17	RTEC	12	SCS	12	SIFY	12
PGN	12	PNK	12	PSYS	12	RAD	15	RIGL	12	RTH	22	SCSC	12	SIGA	12
PGNX	12	PNM	12	PTEN	14	RADS	12	RIMM	22	RTI	12	SCSS	12	SIGM	17
PGR	12	PNR	12	PTIE	12	RAI	13	RIO	22	RTIX	12	SCUR	12	SII	16
PH	12	PNRA	14	PTR	17	RAIL	12	RJET	12	RTN	12	SD	12	SIL	12
PHG	12	PNSN	12	PTRY	12	RAS	12	RJF	12	RTP	12	SDS	17	SIM	12
PHH	12	PNX	12	PTV	12	RATE	12	RKH	12	RUTH	12	SDXC	12	SIMG	12
PHI	12	POL	12	PVH	12	RBC	12	RKT	12	RVBD	12	SE	12	SIMO	12
PHM	17	POM	12	PVR	12	RBI	12	RL	12	RVSN	12	SEAC	12	SINA	16
PHRM	12	POOL	12	PVTB	12	RCH	12	RMBS	22	RWC	12	SEE	12	SIRF	18
PHTN	12	POT	22	PVX	12	RCI	12	RMD	12	RWT	12	SEED	12	SIRI	22
PICO	12	POWI	12	PWAV	12	RCII	12	RMG	12	RX	12	SEIC	12	SIRO	12
PII	13	POWR	12	PWE	12	RCL	17	RMIX	12	RY	12	SEPR	15	SIVB	12
PIR	12	POZN	12	PWER	12	RCNI	12	RNOW	12	RYAAY	12	SERO	12	SJM	12
PJC	12	PPC	12	PWR	12	RDC	15	RNR	12	RYL	17	SF	12	SKIL	12
PKD	12	PPCO	12	PWRD	12	RDEN	12	RNT	12	RYN	12	SFD	12	SKM	12
PKG	12	PPDI	12	PX	12	RDN	12	RNVS	12	RZ	12	SFG	12	SKS	12
PKI	12	PPG	12	PXD	12	RDS/A	12	RNWK	12	S	22	SFL	12	SKX	12
PKX	12	PPH	12	PXN	12	RDSA	12	ROCK	12	SA	12	SFUN	12	SKYW	12
PLA	12	PPL	12	PXP	12	RDY	12	ROG	12	SAF	12	SFY	12	SLAB	14
PLAB	12	PPS	12	PZZA	12	RE	12	ROH	12	SAFM	12	SGEN	12	SLB	22
PLCE	12	PQ	12	Q	12	RECN	12	ROK	12	SAH	12	SGMO	12	SLE	12
PLCM	12	PRAA	12	QCOM	22	REDF	12	ROLL	12	SAI	12	SGMS	12	SLG	12



Maximum Number of Quoters (“MNQ”) in Equity Options  
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Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ
SLGN	12	SOLF	17	SSRI	12	SWHC	12	TE	12	TKR	12	TROW	12	TXRH	12
SLM	22	SON	12	SSRX	12	SWIM	12	TECD	12	TLAB	17	TRV	13	TXT	12
SLT	12	SONC	12	SSW	12	SWIR	12	TECH	12	TLB	12	TRW	12	TYC	12
SLW	17	SONE	12	SSYS	12	SWK	12	TEG	12	TLGD	12	TRX	12	TZIX	12
SLXP	12	SONO	12	STAR	12	SWKS	12	TEL	12	TLK	12	TS	12	TZOO	12
SM	12	SONS	13	STE	12	SWN	17	TEN	12	TLM	13	TSCM	12	UA	17
SMA	12	SORL	12	STEC	12	SWY	14	TER	14	TLT	22	TSCO	12	UAM	12
SMDI	12	SOV	17	STI	17	SXL	12	TESO	12	TM	12	TSFG	12	UAUA	17
SMG	12	SPC	12	STJ	16	SXT	12	TEVA	17	TMA	12	TSL	12	UB	12
SMH	22	SPF	15	STKL	12	SY	12	TEX	15	TMO	12	TSM	12	UBB	12
SMI	12	SPG	12	STLD	14	SYK	13	TFSL	12	TMRK	12	TSN	12	UBS	22
SMP	12	SPH	12	STM	12	SYKE	12	TFX	12	TMW	12	TSO	17	UDR	12
SMRT	12	SPHU	12	STMP	12	SYMC	17	TGA	12	TMX	12	TSRA	17	UEF	12
SMSC	12	SPLS	17	STO	12	SYNA	15	TGI	12	TNB	12	TSS	12	UEPS	12
SMSI	12	SPN	12	STP	22	SYNO	12	TGIC	12	TNE	12	TT	12	UFS	12
SMTC	12	SPNC	12	STR	12	SYNT	12	TGP	12	TNL	12	TTC	12	UGI	12
SMTL	12	SPR	12	STRA	12	SYX	12	TGT	22	TNP	12	TTEC	12	UHAL	12
SMTS	12	SPRT	12	STT	17	SYX	14	THC	14	TNS	12	TTEK	12	UHS	12
SNA	12	SPSN	12	STV	12	T	22	THE	12	TOL	17	TTI	12	UIS	12
SNCR	12	SPSS	12	STX	17	TACT	12	THG	12	TOMO	12	TTM	12	ULBI	12
SNDA	13	SPSX	12	STXS	12	TAP	12	THI	12	TOPS	12	TUES	12	UN	12
SNDK	22	SPTN	12	STZ	12	TASR	14	THO	12	TOT	12	TUNE	12	UNFI	12
SNE	13	SPW	12	SU	17	TAXI	12	THOR	12	TPP	12	TUP	12	UNG	17
SNIC	12	SPWR	17	SUF	12	TBH	12	THQI	12	TPX	12	TUTR	12	UNH	22
SNMX	12	SPY	22	SUG	12	TBI	12	THRX	12	TQNT	12	TV	12	UNM	12
SNP	12	SRCL	12	SUN	17	TBL	12	THS	12	TRA	17	TWB	12	UNP	17
SNPS	13	SRDX	12	SUNH	12	TBSI	12	TIBX	12	TRAD	12	TWC	12	UNS	12
SNRR	12	SRE	12	SUP	12	TCB	12	TIE	17	TRE	12	TWGP	12	UNT	12
SNS	12	SRM	12	SUPG	12	TCK	12	TIF	17	TRGL	12	TWI	12	UNTD	12
SNTS	12	SRP	12	SUPX	12	TCLP	12	TIN	12	TRID	16	TWP	12	UPL	17
SNUS	12	SRX	12	SVNT	12	TCM	12	TINY	12	TRK	12	TWTC	12	UPS	22
SNV	12	SRZ	12	SVO	12	TD	12	TIP	12	TRLG	12	TWTI	12	URBN	17
SNWL	12	SSCC	12	SVR	12	TDC	12	TIV	12	TRMA	12	TWX	22	URI	12
SNY	12	SSD	12	SVU	12	TDG	12	TIVO	12	TRMB	12	TX	12	URRE	12
SO	12	SSI	12	SVVS	12	TDS	12	TJX	12	TRMP	12	TXCO	12	URS	12
SOAP	12	SSL	12	SWC	17	TDW	13	TK	12	TRMS	12	TXI	12	USB	22
SOHU	15	SSP	12	SWH	12	TDY	12	TKLC	12	TRN	12	TXN	22	USG	16

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Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ	Sym	MNQ
USMO	12	VLCM	12	WAG	17	WMAR	12	WXS	12	XXIA	12
USNA	17	VLCY	12	WAT	12	WMB	17	WY	17	YGE	17
USO	22	VLO	22	WB	22	WMG	12	WYE	17	YHOO	22
USS	12	VLTR	12	WBC	12	WMGI	12	WYN	12	YRCW	17
UST	16	VLV	12	WBMD	12	WMI	13	WYNN	17	YUM	16
USU	12	VM	12	WBS	12	WMS	12	X	18	YZC	12
UTEK	12	VMC	12	WBSN	12	WMT	22	XCO	12	ZBRA	12
UTH	12	VMED	12	WCC	12	WNC	12	XEC	12	ZEUS	12
UTHR	12	VMI	12	WCG	12	WNR	12	XEL	12	ZGEN	12
UTI	12	VMW	21	WCI	13	WOLF	12	XFML	12	ZIGO	12
UTIW	12	VNDA	12	WCRX	12	WOOF	12	XHB	22	ZION	12
UTSI	13	VNO	12	WDC	17	WOR	12	XIDE	12	ZIXI	12
UTX	17	VOD	12	WDR	12	WPI	12	XIN	12	ZLC	12
UVV	12	VOL	12	WEC	12	WPL	12	XING	12	ZMH	14
UXG	12	VOLVY	12	WEN	14	WPP	12	XJT	12	ZNH	12
V	12	VPHM	12	WERN	12	WPPGY	12	XL	12	ZOLL	12
VAL	12	VPRT	12	WFC	22	WPZ	12	XLB	22	ZOLT	12
VAR	12	VQ	12	WFMI	17	WRE	12	XLE	22	ZOPM	12
VARI	12	VRGY	12	WFR	17	WRES	12	XLF	22	ZQK	12
VC	14	VRNM	12	WFSL	12	WRNC	12	XLI	12	ZRAN	12
VCI	12	VRSN	17	WFT	17	WRSP	12	XLK	17	ZUMZ	12
VCLK	16	VRTX	15	WG	12	WSH	12	XLNX	17	ZZ	12
VDSI	12	VRX	12	WGO	12	WSM	17	XLP	12		
VECO	12	VSCN	12	WHI	12	WSO	12	XLU	17		
VEU	12	VSE	12	WHQ	12	WST	12	XLV	17		
VFC	12	VSEA	12	WHR	17	WTFC	12	XLY	17		
VGK	12	VSEC	12	WIN	12	WTI	12	XME	22		
VIA	12	VSH	13	WIND	12	WTNY	12	XMSR	22		
VIA/B	12	VTAL	12	WINN	12	WTR	12	XNPT	12		
VICL	12	VTIV	12	WIRE	12	WTS	12	XOM	22		
VICR	12	VTR	12	WIT	12	WTW	12	XRAY	12		
VIGN	12	VVI	12	WL	12	WU	12	XRIT	12		
VIMC	12	VVTV	12	WLK	12	WW	12	XRM	12		
VIP	17	VVUS	12	WLL	12	WWE	12	XRTX	12		
VIRL	12	VZ	17	WLP	22	WWW	12	XRX	13		
VIVO	12	WAB	12	WLT	17	WWY	12	XTEX	12		
VLCCF	12	WABC	12	WM	22	WX	12	XTO	17		