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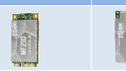
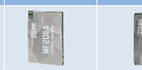
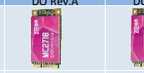
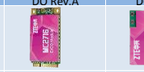
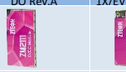
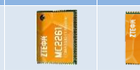
深圳市中兴物联科技有限公司

SHENZHEN ZTEWELINK TECHNOLOGY CO.,LTD.

ZTE Welink	4G Module			3G Module													2G Module					
	TD-LTE/LTE FDD			UMTS								CDMA2000 1X/EV-DO Rev.A					CDMA2000 1X			GSM/GPRS		
	Mini PCIE	Mini PCIE	M.2	LGA Module	LCC Module	LGA Module	Mini PCIE Module	LGA Module	LCC Module	LGA Module	LCC Module	Mini PCIE Module	Mini PCIE Module	LGA Module	LGA Module	LCC Module	LCC Module			Connector		
Product	**ZM8620**	**ME3760**	**ME3960**	**MW3820**	**MW3736(★)**	**MF226**	**MF210**	**MF206A**	**MG3732 (★)**	**ZM5202**	**MT3732(★)**	**MC2718**	**MC2716**	**ZM2210**	**ZM2111**	**MC8630(★)**	**MC2261**	**MC8332**	**MC5610**	**MG2639**	**ME3000**	**MG2631**
	LTE FDD/TD-LTE/WCDMA/GSM	TD-LTE/LTE FDD/TD-SCDMA/HSPA	FDD-LTE/UMTS/GSM/GPRS/EDGE	WCDMA/HSPA+	WCDMA/HSPA+	WCDMA/HSPA+	WCDMA/HSPA	WCDMA/HSPA	WCDMA/HSPA	WCDMA	TD-SCDMA/HSDPA	CDMA2000 1X/EV-DO Rev.A	CDMA2000 1X/ EV-DO Rev.A	CDMA2000 1X/EV-DO Rev.A	CDMA2000 1X/EV-DO Rev.A	CDMA2000 1X/EV-DO Rev.A	CDMA2000 1X	CDMA2000 1X	CDMA2000 1X	GSM/GPRS	GSM/GPRS	GSM/GPRS
																						
Dimensions(mm)	51x30x4.9	51x30x5.05	42 x 30 x 2.3	36x26x2.55	39.5×31×2.65	36x26x2.65	51x30x4.75	36x26x2.5	39.5×31×2.65	36x26x2.5	39.5×31×2.95	51x30x4.55	51x30x4.55	36x26x2.5	36x19.5x2.65	39.5×27×2.35	34.4×30×3.3	30×25×2.68	38.5x33.5x3.4	30×25×2.68	44.5 x 28.5 x 8.25	28.6x21.6x2.55
Temperature Range	-20℃ to +70℃	-20℃ to +70℃	-20℃ to +70℃	-40℃~+80℃	-30℃~+75℃	-40℃~+80℃	-20℃ to +70℃ Extended Operation: -30℃ to +75℃	-40℃~+80℃	-40℃~+80℃	-40℃~+80℃	-30℃~+75℃	-20℃ to +70℃ Extended Operation: -30℃ to +75℃	-20℃ to +70℃ Extended Operation: -30℃ to +75℃	-40℃~+80℃	-40℃~+80℃	-30℃~+75℃	-30℃~+75℃	-40℃~+80℃	-40℃~+80℃	-40℃~+80℃	-40℃~+80℃	-20℃~+70℃
USB type	USB 2.0-HS	USB 2.0-HS	USB 2.0-HS	USB 2.0-HS	USB 2.0-HS	USB 2.0-HS	USB 2.0-HS	USB 2.0-HS	USB 2.0-HS	USB 2.0-HS	USB 2.0-HS	USB 2.0-HS	USB 2.0-HS	USB 2.0-FS	USB 2.0-FS	USB 2.0-HS	USB 2.0-HS	No	USB2.0-FS	USB2.0-FS	USB 2.0-FS	USB 2.0-FS
Data rate	DL:100Mbps/ UL:50Mbps	DL:100Mbps/ UL:50Mbps	DL:100Mbps/ UL:50Mbps	DL:21Mbps/ UL:5.76Kbps	DL:14.4Mbps/ UL:5.76Mbps	DL:14.4Mbps/ UL:5.76Mbps	DL:7.2Mbps/ UL:5.76Mbps	DL:3.6Mbps/ UL:384Kbps	DL:3.6Mbps/ UL:384Kbps	DL:384Kbps/ UL:384Kbps	DL:2.8Mbps/ UL:2.2Mbps	DL:3.1Mbps/ UL:1.8Mbps	DL:3.1Mbps/ UL:1.8Mbps	DL:3.1Mbps/ UL:1.8Mbps	DL:3.1Mbps/ UL:1.8Mbps	DL:3.1Mbps/ UL:1.8Mbps	DL:153.6Kbps/ UL:153.6Kbps	DL:153.6Kbps/ UL:153.6Kbps	DL:153.6Kbps/ UL:153.6Kbps	DL:85.6Kbps/ UL:42.8Kbps	DL:85.6Kbps/ UL:42.8Kbps	DL:53.6Kbps/ UL:53.6Kbps
Voltage/Comsuption																						
Voltage Range(V)	3.4V~4.2V	3.0V~3.6V	3.3V ~4.2V	3.3V~4.2V	3.3V~4.2V	3.4V~4.2V	3.0V~3.6V	3.4V~4.2V	3.3V~4.2V	3.4V~4.2V	3.3V~4.2V	3.0V~3.6V	3.0V~3.6V	3.4V~4.2V	3.4V~4.2V	3.3V~4.2V	3.3V~4.25V /4.75V~5.25V	3.3V~4.25V	3.3V~4.25V	3.3V~4.25V	3.3V~4.2V	3.3V~4.6V
Typical voltage(V)	3.8V	3.3V	3.8V	3.8v	3.8v	3.8v	3.3V	3.8v	3.8v	3.8v	3.8v	3.3V	3.3V	3.8V	3.8V	3.8V		3.9V	3.8V	3.9V	3.9V	4.0V
Consumption (mA, Standby current)				2.1mA	10mA	4.9mA	5mA	3.9mA	10mA	3.6mA	2mA	4mA	4mA	3.3mA	2.5mA	7mA	5mA	5mA	5mA	3mA	2.5mA	1.1mA
Network																						
GSM/GPRS/EDGE	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆									◆	◆	◆
WCDMA	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆											
HSPA		◆		HSPA+	HSPA+	HSPA+	◆	◆	◆		◆											
TD-SCDMA		◆									◆											
CDMA2000 1X												◆	◆	◆	◆	◆	◆	◆	◆			
CDMA2000 EVDO Rev.A												◆	◆	◆	◆	◆						
TD-LTE	◆	◆																				
LTE FDD	◆	◆	◆																			
Frequency band																						
GSM/GPRS/EDGE 850/900/1800/1900MH	◆		◆	◆	◆	◆	◆	◆	◆	◆	900MHz/1800MHz									◆	◆	◆
WCDMA 850(900)1900/2100MHz	DC-HSPA+/ HSPA+/HSUPA/ HSDPA/UMTS		◆	◆	◆	◆	◆	◆	WCDMA 850/900/2100MHz or	◆												
TD-SCDMA		TD-SCDMA HSPA1900/2100MHz									2010-2025MHz/ 1880-1920MHz											
CDMA												800/1900MHz	800MHz	800/1900(2100)MHz	800MHz	800MHz	800/1900MHz	800MHz	450MHz			
LTE FDD	2100/1900/1700/850/900 /2600/700 MHz	2600MHz	◆																			
TD-LTE	2600MHz(Band 38)	1900MHz(Band39)/2300MHz(Band40)/2500MHz(Band38)																				
Form Factor																						
LGA				TypeII 108Pin		TypeII 108Pin		TypeII 108Pin		TypeII 108Pin				TypeII 108Pin	Typel 94Pin							
LCC					Dual-row 36Pin				Dual-row 36Pin		Dual-row 36Pin					Dual-row 36Pin	68Pin	30 Pin	74 Pin	60 Pin		52 Pin
Mini PCI-Express card	52Pin	52Pin					52pin					52 Pin	52 Pin									
M.2			75 Pin																			
Connector																					40pin+10pin connector	
Function																						
Data	◆	◆	◆	◆		◆	◆	◆		◆		◆	◆	◆	◆		◆	◆	◆		◆	◆
SMS	◆		◆	◆		◆	◆	◆		◆		◆	◆	◆	◆		◆	◆	◆		◆	◆
MMS			◆	◆		◆	◆	◆		◆				◆	◆							
FOTA	◆	◆	◆																			
GPS	◆		◆			◆	Optional	◆		◆		◆		◆						◆		
BD																				Optional		
UART port					◆				◆		◆					◆						
Driver																						
Windows	XP/7/8	XP/7	XP/7	XP/7/8	XP/7/8	XP/7	XP/7	XP/7	XP/7	XP/7	XP/7	XP/7/8	XP/7	XP/7/8			XP/7/8			XP/7/8	XP/Vista/7	XP/7/8
Android	2.3/4.0	2.3/4.0	2.3/4.0	2.3/4.0	2.x/3.x/4.0	2.3/4.0	2.3/4.0	2.3/4.0	2.3/4.0	2.3/4.0	2.3/4.0	2.3/4.0	2.3/4.0				2.x/3.x/4.0					2.x/3.x/4.0
Linux	2.6.20 and later	2.6.20 and later	2.6.20 and later	2.6.20 and later	2.6.20 and later	2.6.20 and later	2.6.20 and later		2.6.20 and later	2.6.20 and later	2.6.20 and later	2.6.20 and later	2.6.20 and later				2.6.20 and later			2.6.20 and later	2.6.20 and later	2.6.20 and later
WinCE	5.0/6.0	5.0/6.0	5.0/6.0	5.0/6.0	5.0/6.0	5.0/6.0	5.0/6.0		5.0/6.0	5.0/6.0	5.0/6.0	5.0/6.0	5.0/6.0				5.0/6.0				5.0/6.0	5.0/6.0
Windows Mobile					◆												◆					◆
Certifications																						
CCC					◆	◆	◆		◆		◆	◆	◆		◆	◆		◆		◆		
CE					◆	◆	◆	◆	◆											◆		
CMIIT					◆	◆	◆		◆			◆	◆			◆		◆		◆		
CTA							◆						◆					◆				
FCC					◆	◆	◆	◆	◆			◆					◆			◆		
GCF						◆	◆															
IC						◆		◆														
JATE						◆																
PTCRB						◆	◆	◆														
REACH							◆															
RoHS					◆	◆	◆	◆	◆			◆	◆				◆			◆		
TELEC						◆																
WEEE						◆		◆														
Operators						AT&T/NTT&DOCOMO		AT&T		SK Telecom		Sprint					Sprint, Verizon					
Highlights																						
Support dual antenna diversity reception	◆	◆				◆	◆					◆	◆									
Others	Support TDD and FDD dual mode	Support TDD and FDD dual mode	Support GPS wih M.2 form factor	Support HSPA+	★Compatible with MC8630/MT3732/MG3732 on hardware	AT&T and NTT&DOCOMO approval certificate		Low cost; AT&T approval certificate	★Compatible with MC8630/MT3732/MW3736 on hardware	Low cost; Telematics; SKT Approval certificate	★Compatible with MC8630/MG3732/MW3736 on hardware	Sprint approval certificate		Full frequency band	Low cost	★Compatible with MT3732/MG3732/MW3736 on hardware	Support FWT; Sprint and Verizon approval certificate	Compatible with MG2639 on hardware	Used as smart meter area in Holland, Germany and Poland	TTS, Openlink, BD(Optional); TCP/UDP/SERVER/FTP/TTS/Openlink/GPS + BD(Optional); Compatible with MC8332 on hardware;	Support PCM/Analog Voice	Super low power consumption