

























Manufacturer	Model name	Photo	Overview of the module (Please fill in with 5 lines or less.) single-byte 300 character or less	IOT Completion year (fiscal year)	RAT	chipset		Module Firmware Version (Please fill out the version at the completion of IOT)	4G			3G			GPS		Module information					Partner Contact Info.		
						Manufacturer	Model name		Availability	Supported Band	Category	Availability	Supported Band	Standalone	Assisted (Control Plane)	Interface	Operating Temperature	Form Factor	Dimension @LxWxH(mm)	Weight(g)	Website	Vendor Name	Department/ Name (PIC)	Tel.
太陽誘電株式会社	CL3JAD4Z2		LTE Cat-M1通信モジュール 物理I/F : GPIO/UART/SIM モジュール / ATコマンド RTOS: SMS, TCP/UDP, SSL/TLS対応, SMS, LwM2M, eSIM対応 動作電圧 : 2.3V~4.2V (3V電池動作可能) プロトコル対応 (予定)	2019年度	LTE-M	Altair	ALT1250	RK_02_01_01_00_111	S	Band 1/19	Cat.M1	NS	NS	NS	NS	/ SIM Card I/F	-30°C ~ +70°C	LGA	m x 15mm x 1	0.92g	<a href="https://www.yuden.co.jp/jp/product/solutions/pwa/">https://www.yuden.co.jp/jp/product/solutions/pwa/</a>	太陽誘電株式会社		
ASKEY Computer Corporation	WLWHQ10		Support LTE/3G data connection D/L 100Mbps, U/L 50Mbps Three U.FL Antenna Connectors Option support SMS, A-GPS	2013年度	LTE/UMTS	Qualcomm	MDM9215	1.0.00	S	Band 1/19/21	Cat.3	S	Band 1/VI/V/XX	S	S	USB 2.0 x 1	-30°C - +60°C (Extend to 70°C)	Mini PCI Express	30 x 26.8 x 3.9	about 6.5	<a href="http://www.askey.com.tw">http://www.askey.com.tw</a>	ASKEY Computer Corporation	Marketing Division 3/ Stella Liao	+886-2-2228-7588#18625
ASKEY Computer Corporation	WLWNQ20		Support LTE/3G data connection D/L 150Mbps, U/L 50Mbps Three IPEX MHF4 Antenna Connectors Option support SMS, A-GPS	2014年度	LTE/UMTS	Qualcomm	MDM9225M	1.0.00, 2.0.01	S	Band 1/3/19/21	Cat.4	S	Band 1/VI/V/XX	S	S	USB 2.0 x 1	-20°C - +60°C (Extend to 70°C)	M.2	30 x 42 x 2.3	about 6	<a href="http://www.askey.com.tw">http://www.askey.com.tw</a>	ASKEY Computer Corporation	Marketing Division 3/ Stella Liao	+886-2-2228-7588#18625
ASKEY Computer Corporation	WLWHQ30		Support LTE FDD, CA/3G data connection D/L 300Mbps, U/L 100Mbps Five IPEX Antenna Connectors Option support SMS, A-GPS	2016年度	LTE/UMTS	Qualcomm	MDM9230	1.0.00	S	Band 1/3/19/21	Cat.6	S	Band 1/VI/V/XX	S	S	USB 2.0 x 1	-20°C - +70°C	Mini PCI Express	30x50.95x4	about 7.5	<a href="http://www.askey.com.tw">http://www.askey.com.tw</a>	ASKEY Computer Corporation	Marketing Division 3/ Stella Liao	+886-2-2228-7588#18625
Sierra Wireless	EM7330		Designed to be Windows 8 Mobile Broadband Interface Model (MBIM) compliant.	2013年度	LTE/UMTS	Qualcomm	MDM9215	05.05.65.00	S	Band 1/19/21	Cat.3	S	Band 1/VI/V/XX	S	NS	USB 2.0 x 1	-30°C to +75°C	M.2	42 x 30 x 2.39	6	<a href="http://www.sierrawireless.com/productsandservices/AirPrime_Wireless_Modules/essentials_Modules/EM_Series.aspx">http://www.sierrawireless.com/productsandservices/AirPrime_Wireless_Modules/essentials_Modules/EM_Series.aspx</a>	Sierra Wireless Japan K.K	Sales/ Hidekazu Horisawa	+81-3-6717-6030
Sierra Wireless	MC7330		Designed to be Windows 8 Mobile Broadband Interface Model (MBIM) compliant.	2013年度	LTE/UMTS	Qualcomm	MDM9215	05.05.65.00	S	Band 1/19/21	Cat.3	S	Band 1/VI/V/XX	S	NS	USB 2.0 x 1	-40°C to +85°C	Mini PCI Express	50.95 x 30 x 2.75	8.6	<a href="http://www.sierrawireless.com/productsandservices/AirPrime_Wireless_Modules/essentials_Modules/MC_Series.aspx">http://www.sierrawireless.com/productsandservices/AirPrime_Wireless_Modules/essentials_Modules/MC_Series.aspx</a>	Sierra Wireless Japan K.K	Sales/ Hidekazu Horisawa	+81-3-6717-6030
Sierra Wireless	EM7340		Designed to be Windows 8 Mobile Broadband Interface Model (MBIM) compliant.	2014年度	LTE/UMTS	Intel	XG716 + S4G	FIH7160_V1.3_AP_01.1644.0_2 JP	S	Band 1/3/19/21	Cat.4	S	Band 1/VI/V/XX	S	NS	USB 2.0 x 1	-10°C to +70°C	M.2	42 x 30 x 2.39	6	<a href="http://www.sierrawireless.com/productsandservices/AirPrime_Wireless_Modules/essentials_Modules/EM_Series.aspx">http://www.sierrawireless.com/productsandservices/AirPrime_Wireless_Modules/essentials_Modules/EM_Series.aspx</a>	Sierra Wireless Japan K.K	Sales/ Hidekazu Horisawa	+81-3-6717-6030
Sierra Wireless	H1L0 3G 850		Smallest HSDPA module, low power consumption.	2014年度	UMTS Only	Qualcomm	QSC6270	001.90	NS	NS	NS	S	Band 1/VI	NS	NS	USB 2.0 x 1 / Serial x 1	-40°C - +85°C	Original 40 pin connector	27 x 27 x 4.8	6.6	<a href="http://developer.sierrawireless.com/Resources/Resources/SagercomM2M/H1L0_3G_Technical_Specifications.aspx">http://developer.sierrawireless.com/Resources/Resources/SagercomM2M/H1L0_3G_Technical_Specifications.aspx</a>	Sierra Wireless Japan K.K	Sales/ Hidekazu Horisawa	+81-3-6717-6030
Sierra Wireless	SL8084T		For M2M soldered-down module.Supporting the Open AT Application Framework.	2014年度	UMTS Only	Qualcomm	QSC6270	S4.1.0.21, C04.05.14.00	NS	NS	NS	S	Band 1/VI/V	S	NS	USB 2.0 x 1 / Serial x 1	-40°C to +85°C	74 pin LGA	30 x 25 x 2.4	3.5	<a href="http://www.sierrawireless.com/productsandservices/AirPrime_Wireless_Modules/Smart_Modules/SL_Series.aspx">http://www.sierrawireless.com/productsandservices/AirPrime_Wireless_Modules/Smart_Modules/SL_Series.aspx</a>	Sierra Wireless Japan K.K	Sales/ Hidekazu Horisawa	+81-3-6717-6030
Sierra Wireless	SL8084BT		For M2M soldered-down module.Supporting the Open AT Application Framework.	2014年度	UMTS Only	Qualcomm	QSC6270	S4.1.0.21, C04.05.14.00	NS	NS	NS	S	Band 1/VI/V	NS	NS	USB 2.0 x 1 / Serial x 1	-40°C to +85°C	74 pin LGA	30 x 25 x 2.4	3.5	<a href="http://www.sierrawireless.com/productsandservices/AirPrime_Wireless_Modules/Smart_Modules/SL_Series.aspx">http://www.sierrawireless.com/productsandservices/AirPrime_Wireless_Modules/Smart_Modules/SL_Series.aspx</a>	Sierra Wireless Japan K.K	Sales/ Hidekazu Horisawa	+81-3-6717-6030
Sierra Wireless	HL8548		For M2M soldered-down module	2015年度	UMTS Only	Intel	XMM6250	S.5.22.0, S.5.24.0, S.5.24.2	NS	NS	NS	S	Band 1/VI/V/XX	NS	NS	USB 2.0 x 1 / Serial x 1	-40°C to +85°C	146 pin LGA	23 x 22 x 2.5	3.5	<a href="http://www.sierrawireless.com/productsandservices/AirPrime_Wireless_Modules/essentials_Modules/HL_Series/">http://www.sierrawireless.com/productsandservices/AirPrime_Wireless_Modules/essentials_Modules/HL_Series/</a>	Sierra Wireless Japan K.K	Sales/ Hidekazu Horisawa	+81-3-6717-6030
Sierra Wireless	HL8548-G		For M2M soldered-down module	2015年度	UMTS Only	Intel	XMM6250	S.5.22.0, S.5.24.0, S.5.24.2	NS	NS	NS	S	Band 1/VI/V/XX	S	NS	USB 2.0 x 1 / Serial x 1	-40°C to +85°C	146 pin LGA	23 x 22 x 2.5	3.5	<a href="http://www.sierrawireless.com/productsandservices/AirPrime_Wireless_Modules/essentials_Modules/HL_Series/">http://www.sierrawireless.com/productsandservices/AirPrime_Wireless_Modules/essentials_Modules/HL_Series/</a>	Sierra Wireless Japan K.K	Sales/ Hidekazu Horisawa	+81-3-6717-6030
Sierra Wireless	HL7539		For M2M soldered-down module	2015年度	LTE Only	Intel	XMM7160	2.7, 2.8, 2.9, 2.11	S	Band 1/19/21	S	NS	NS	NS	NS	USB 2.0 x 1 / Serial x 1	-40°C to +85°C	146 pin LGA	23 x 22 x 2.5	3.5	<a href="http://www.sierrawireless.com/productsandservices/AirPrime_Wireless_Modules/essentials_Modules/HL_Series/">http://www.sierrawireless.com/productsandservices/AirPrime_Wireless_Modules/essentials_Modules/HL_Series/</a>	Sierra Wireless Japan K.K	Sales/ Hidekazu Horisawa	+81-3-6717-6030

Rolling Wireless S.a.r.l.	AR8552		Automotive-grade LGA soldereddown module.	2019年度	UMTS Only	Qualcomm	MDM6200	ARx550_R2_FP .00.05.18.03 ARx550_R2_FP .00.05.18.06	NS	NS	NS	S	Band 1/V/L/V	S	NS	USB 2.0 x 1 / Serial x 1	-40°C to +85°C	LGA	40 x 40 x 4.12	11.8	<a href="http://www.rollingwireless.co.m/">http://www.rollingwireless.co.m/</a>	Rolling Wireless J.P.Limited	Customer Success Engineering/ Milon Faizullah	+81-3-6717-6032
Rolling Wireless S.a.r.l.	AR7554		Automotive-grade LGA soldereddown module.	2017年度	LTE/UMTS	Qualcomm	MDM9215	SW19x15A_07. 10.19.00 SW19x15A_07. 10.03.02	S	Band 1/19/21	Cat.3	S	Band 1/V1	S	S	USB2.0 x1/ UART x 2	-40°C to +85°C	LGA	37 x 32 x 3.64	9	<a href="http://www.rollingwireless.co.m/">http://www.rollingwireless.co.m/</a>	Rolling Wireless J.P.Limited	Customer Success Engineering/ Milon Faizullah	+81-3-6717-6032
Wistron NeWeb Corporation	SEM-82J		Low power consumption Automotive proven LGA form factor Proven module for smart enery Easy migration to LTE	2013年度	UMTS only	Qualcomm	MDM8215	CBJ-V1.0	NS	NS	NS	S	Band 1/V1/X19	NS	NS	USB 2.0 x 1 / Serial x 1	-30°C - +85°C	LGA	34 x 34 x 3	6	<a href="http://www.wnc.com.tw">http://www.wnc.com.tw</a>	Wistron NeWeb Corporation	Peggy Chen	+81-8079438910
Telt Wireless Solutions	HC28-J		1. Footprint Compatibility with Global module 2. Extended Temperature range 3. Embedded GPS support 4. MS windows/Linux Support	2011年度以前	UMTS/GSM	Qualcomm	MSM6280	2.002	NS	NS	NS	S	Band 1/V1	S	NS	USB 2.0 x 1 / Serial x 1	-30°C - +85°C	original 50pin connector	50 x 34.0 x 4.5	10	None	Telt Wireless Solutions	Sales / Hideyuki Numata	+81-3-5412-7650
Telt Wireless Solutions	PH8-J Rel.2		1. Footprint Compatibility (80pin) 2. Extended Temperature range 3. TCP/IP protocol support 4. Embedded GPS with A-GPS support 5. MS windows/Linux/Android Support	2012年度	UMTS/GSM	Qualcomm	MDM6200	2.101	NS	NS	NS	S	Band 1/V1/V	S	S	USB 2.0 x 1 / Serial x 1	-40°C - +85°C	original 80pin connector	50 x 33.9 x 3.1	9.5	None	Telt Wireless Solutions	Sales / Hideyuki Numata	+81-3-5412-7650
Telt Wireless Solutions	PH8-J Rel.3		1. Footprint Compatibility (80pin) 2. Extended Temperature range 3. Support Embedded SIM 4. Embedded GPS with A-GPS support 5. MS windows/Linux/Android Support	2012年度	UMTS/GSM	Qualcomm	MDM6200	3.001	NS	NS	NS	S	Band 1/V1/V	S	S	USB 2.0 x 1 / Serial x 1	-40°C - +85°C	original 80pin connector	50 x 33.9 x 3.1	9.5	None	Telt Wireless Solutions	Sales / Hideyuki Numata	+81-3-5412-7650
Telt Wireless Solutions	PH58-J Rel.3		1. Footprint Compatibility (LGA- 156pad) 2. Extended Temperature range 3. Support Embedded SIM 4. Embedded GPS with A-GPS support 5. MS windows/Linux/Android Support	2012年度	UMTS/GSM	Qualcomm	MDM6200	3.001	NS	NS	NS	S	Band 1/V1/V	S	S	USB 2.0 x 1 / Serial x 1	-40°C - +85°C	LGA	29 x 33 x 2	5	None	Telt Wireless Solutions	Sales / Hideyuki Numata	+81-3-5412-7650
Telt Wireless Solutions	EHS6		1. Footprint Compatibility (LGA- 114pad) 2. Extended Temperature range 3. Support Embedded SIM 4. Java ME support 5. MS windows/Linux/Android Support	2015年度	UMTS/GSM	INTEL	XMM6250	3.001 4.003	NS	NS	NS	S	Band 1/V1/V	NS	NS	USB 2.0 x 1 / Serial x 2	-40°C - + 85°C	LGA	25.4 x 27.6 x 2.2	3.5	<a href="https://www.gemalto.com/lot-connectivity/products/lot-modules/ehs6">https://www.gemalto.com/lot-connectivity/products/lot-modules/ehs6</a>	Telt Wireless Solutions	Sales / Hideyuki Numata	+81-3-5412-7650
Telt Wireless Solutions	PDS6-J		1. Footprint Compatibility (LGA- 156pad) 2. Extended Temperature range 3. Support Embedded SIM 4. Java ME support 5. MS windows/Linux/Android Support	2015年度	UMTS/GSM	INTEL	XMM6250	3.001 4.003	NS	NS	NS	S	Band 1/V1/V/X19	NS	NS	USB 2.0 x 1 / Serial x 1	-40°C - + 85°C	LGA	29 x 33 x 2.3	5	<a href="https://www.gemalto.com/lot-connectivity/products/lot-modules/pds6">https://www.gemalto.com/lot-connectivity/products/lot-modules/pds6</a>	Telt Wireless Solutions	Sales / Hideyuki Numata	+81-3-5412-7650
Seiko Solutions Inc.	MM-MS0D		-LTE (Cat.4) 3G高速通信モジュール -通信速度(最大)DL150Mbps / UL50Mbps -UART、USB、Ethernetをサポート -音声(VoLTE)、パケット通信、SMS、GNSS -※注:非推奨品に属する	2016年度	LTE/UMTS	Qualcomm	MDM9207-0	01.07.02	S	Band 1/3/19	Cat.4	S	Band 1/V1/X19	S	NS	USB2.0/UART/ Ethernet / GPIO	-20°C - + 60°C	M.2	30 x 42 x 2.7	less than 7g	<a href="https://www.seko-sol.co.jp/products/mmms0d/">https://www.seko-sol.co.jp/products/mmms0d/</a>	セコーソリューションズ株式会社	モバイルソリューション営業統括部MS営業 / 福島 大貴	043-211-1297
Seiko Solutions Inc.	MM-MS1D		-LTE (Cat.1) 通信モジュール -通信速度(最大)DL10Mbps / UL5Mbps -UART、USB、Ethernetをサポート -音声(VoLTE)、パケット通信、SMS、GNSS -※注:非推奨品に属する	2016年度	LTE only	Qualcomm	MDM9207-1	00.00.94	S	Band 1/3/19	Cat.1	NS	NS	S	NS	USB2.0/UART/ Ethernet / GPIO	-20°C - + 60°C	M.2	30 x 42 x 2.7	less than 7g	<a href="https://www.seko-sol.co.jp/products/mmms0d/">https://www.seko-sol.co.jp/products/mmms0d/</a>	セコーソリューションズ株式会社	モバイルソリューション営業統括部MS営業 / 福島 大貴	043-211-1297

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