

Optional product list of IECUBE for 78K0R

We ended sales of the IECUBE set (main unit, socket, and other items) at the end of May 2015.

If you wish to purchase the product, please separately purchase the main IECUBE unit (QB-xxxxxxx-ZZZ), socket, and other required items.

Each link on product number is set with the URL for User's manual document.

Click here for information about [\[Power-supply adapter QB-COMMON-PW-xx\] \(optional\)](#).

MCU	Package	IECUBE main unit	Socket Set				Option	
			Exchange Adapter	YQ Connector	Target Connector	Emulation Probe	Mount Adapter	Space Adapter
78K0R/KE3	64-pin FBGA (5x5)	QB-78K0RKX3-ZZZ	QB-64F1-EA-01T	-	QB-64FC-NQ-01T	QB-144-EP-02S	-	-
	64-pin FBGA (6x6)		QB-64F1-EA-04T	-	QB-64F1-NQ-02T		-	-
	64-pin LQFP (7x7)		QB-64GA-EA-02T	QB-64GA-YQ-01T	QB-64GA-NQ-01T		QB-64GA-HQ-01T	QB-64GA-YS-01T*1 YQSOCKET064SEN*2
	64-pin LQFP (10x10)		QB-64GB-EA-08T	QB-64GB-YQ-01T	QB-64GB-NQ-01T		QB-64GB-HQ-01T	QB-64GB-YS-01T*1 YQSOCKET064SDN*2
	64-pin LQFP (12x12)		QB-64GK-EA-06T	QB-64GK-YQ-01T	QB-64GK-NQ-01T		QB-64GK-HQ-01T	QB-64GK-YS-01T*1 YQSOCKET064SBN*2
78K0R/KF3	80-pin LQFP (14x14)		QB-80GC-EA-06T	QB-80GC-YQ-01T	QB-80GC-NQ-01T		QB-80GC-HQ-01T	QB-80GC-YS-01T*1 YQSOCKET080SBN*2
	80-pin LQFP (12x12)		QB-80GK-EA-06T	QB-80GK-YQ-01T	QB-80GK-NQ-01T		QB-80GK-HQ-01T	QB-80GK-YS-01T*1 YQSOCKET080SDN*2
78K0R/KG3	100-pin LQFP (14x14)		QB-100GC-EA-01T	QB-100GC-YQ-01T	QB-100GC-NQ-01T		QB-100GC-HQ-01T	QB-100GC-YS-01T*1 YQSOCKET100SDN*2
	100-pin LQFP (14x20)		QB-100GF-EA-04T	QB-100GF-YQ-01T	QB-100GF-NQ-01T		QB-100GF-HQ-03T	QB-100GF-YS-01T*1 YQSOCKET100RBN*2
78K0R/KH3	128-pin LQFP (14x20)		QB-128GF-EA-01T	QB-128GF-YQ-01T	QB-128GF-NQ-01T		QB-128GF-HQ-01T	QB-128GF-YS-01T*1 YQSOCKET128RDN*2
78K0R/KJ3	144-pin LQFP (20x20)	QB-144GJ-EA-05T	QB-144GJ-YQ-01T	QB-144GJ-NQ-01T	QB-144GJ-HQ-01T	QB-144GJ-YS-01T*1 YQSOCKET144SDN*2		
78K0R/KC3-L	44-pin LQFP (10x10)	QB-78K0RIX3-ZZZ	QB-44GB-EA-04T	QB-44GB-YQ-01T	QB-44GB-NQ-01T	QB-80-EP-01T	QB-44GB-HQ-01T	QB-44GB-YS-01T*1 YQSOCKET044SAN*2
	48-pin TQFP (7x7)		QB-48GA-EA-04T	QB-48GA-YQ-01T	QB-48GA-NQ-01T		QB-48GA-HQ-01T	QB-48GA-YS-01T*1 YQSOCKET048SDN*2
78K0R/KD3-L	52-pin LQFP (10x10)		QB-52GB-EA-04T	QB-52GB-YQ-01T	QB-52GB-NQ-01T		QB-52GB-HQ-01T	QB-52GB-YS-01T*1 YQSOCKET052SBN*2
78K0R/KE3-L	64-pin FBGA (5x5)		QB-64F1-EA-02T	-	QB-64FC-NQ-01T		-	-
	64-pin FBGA (4x4)		QB-64F1-EA-05T	-	QB-64F1-NQ-01T		-	-
	64-pin TQFP (7x7)		QB-64GA-EA-01T	QB-64GA-YQ-01T	QB-64GA-NQ-01T		QB-64GA-HQ-01T	QB-64GA-YS-01T*1 YQSOCKET064SEN*2
	64-pin LQFP (10x10)		QB-64GB-EA-04T	QB-64GB-YQ-01T	QB-64GB-NQ-01T		QB-64GB-HQ-01T	QB-64GB-YS-01T*1 YQSOCKET064SDN*2
	64-pin LQFP (12x12)		QB-64GK-EA-04T	QB-64GK-YQ-01T	QB-64GK-NQ-01T		QB-64GK-HQ-01T	QB-64GK-YS-01T*1 YQSOCKET064SBN*2
78K0R/IB3	30-pin SSOP (7.62mm(300))		QB-30MC-EA-05T	QB-30MC-YQ-01T	QB-30MC-NQ-01T		QB-30MC-HQ-01T	QB-30MC-YS-01T*1 YSSOCKET30BKN*2
78K0R/IC3	38-pin SSOP (7.62mm(300))		QB-38MC-EA-03T	QB-38MC-YQ-01T	QB-38MC-NQ-01T		QB-38MC-HQ-01T	QB-38MC-YS-01T*1 YSSOCKET38BKN*2
	44-pin LQFP (10x10)	QB-44GB-EA-04T	QB-44GB-YQ-01T	QB-44GB-NQ-01T	QB-44GB-HQ-01T	QB-44GB-YS-01T*1 YQSOCKET044SAN*2		
	48-pin TQFP (7x7)	QB-48GA-EA-04T	QB-48GA-YQ-01T	QB-48GA-NQ-01T	QB-48GA-HQ-01T	QB-48GA-YS-01T*1 YQSOCKET048SDN*2		
78K0R/ID3	52-pin LQFP (10x10)	QB-52GB-EA-04T	QB-52GB-YQ-01T	QB-52GB-NQ-01T	QB-52GB-HQ-01T	QB-52GB-YS-01T*1 YQSOCKET052SBN*2		
78K0R/IE3	64-pin LQFP (10x10)	QB-64GB-EA-04T	QB-64GB-YQ-01T	QB-64GB-NQ-01T	QB-64GB-HQ-01T	QB-64GB-YS-01T*1 YQSOCKET064SDN*2		
	64-pin LQFP (12x12)	QB-64GK-EA-04T	QB-64GK-YQ-01T	QB-64GK-NQ-01T	QB-64GK-HQ-01T	QB-64GK-YS-01T*1 YQSOCKET064SBN*2		

*1 Discontinued product

*2 Buy the product : manufactured by Tokyo Eletech Corporation

Optional product list of IECUBE for 78K0R

We ended sales of the IECUBE set (main unit, socket, and other items) at the end of May 2015.

If you wish to purchase the product, please separately purchase the main IECUBE unit (QB-xxxxxxx-ZZZ), socket, and other required items.

Each link on product number is set with the URL for User's manual document.

Click here for information about [\[Power-supply adapter QB-COMMON-PW-xx\] \(optional\)](#).

MCU	Package	IECUBE main unit	Socket Set				Option	
			Exchange Adapter	YQ Connector	Target Connector	Emulation Probe	Mount Adapter	Space Adapter
78K0R/KF3-L (ROM:128K or less)	80-pin LQFP (14x14)		QB-80GC-EA-10T	QB-80GC-YQ-01T	QB-80GC-NQ-01T		QB-80GC-HQ-01T	QB-80GC-YS-01T*1 YQSOCKET080SDN*2
	80-pin LQFP (12x12)		QB-80GK-EA-09T	QB-80GK-YQ-01T	QB-80GK-NQ-01T		QB-80GK-HQ-01T	QB-80GK-YS-01T*1 YQSOCKET080SDN*2
78K0R/KG3-L (ROM:128K or less)	100-pin LQFP (14x14)	QB-78K0RKX3C-ZZZ *1	QB-100GC-EA-07T	QB-100GC-YQ-01T	QB-100GC-NQ-01T		QB-100GC-HQ-01T	QB-100GC-YS-01T*1 YQSOCKET100SDN*2
	100-pin LQFP (14x20)		QB-100GF-EA-05T*1	QB-100GF-YQ-01T	QB-100GF-NQ-01T		QB-100GF-HQ-03T	QB-100GF-YS-01T*1 YQSOCKET100RBN*2
	100-pin FBGA (6x6)		QB-100F1-EA-01T*1	-	QB-100F1-NQ-01T*1		QB-144-EP-02S	-
78K0R/KF3-L (ROM:192K or more)	80-pin LQFP (14x14)		QB-80GC-EA-10T	QB-80GC-YQ-01T	QB-80GC-NQ-01T		QB-80GC-HQ-01T	QB-80GC-YS-01T*1 YQSOCKET080SDN*2
	80-pin LQFP (12x12)		QB-80GK-EA-09T	QB-80GK-YQ-01T	QB-80GK-NQ-01T		QB-80GK-HQ-01T	QB-80GK-YS-01T*1 YQSOCKET080SDN*2
78K0R/KG3-L (ROM:192K or more)	100-pin LQFP (14x20)		QB-100GF-EA-05T*1	QB-100GF-YQ-01T	QB-100GF-NQ-01T		QB-100GF-HQ-03T	QB-100GF-YS-01T*1 YQSOCKET100RBN*2
	100-pin LQFP (14x14)		QB-100GC-EA-07T	QB-100GC-YQ-01T	QB-100GC-NQ-01T		QB-100GC-HQ-01T	QB-100GC-YS-01T*1 YQSOCKET100SDN*2
78K0R/KF3-C	80-pin LQFP (12x12)	QB-78K0RKX3C-ZZZ *1	QB-80GK-EA-09T	QB-80GK-YQ-01T	QB-80GK-NQ-01T	QB-144-EP-02S	QB-80GK-HQ-01T	QB-80GK-YS-01T*1 YQSOCKET080SDN*2
78K0R/KG3-C	100-pin LQFP (14x14)		QB-100GC-EA-07T	QB-100GC-YQ-01T	QB-100GC-NQ-01T		QB-100GC-HQ-01T	QB-100GC-YS-01T*1 YQSOCKET100SDN*2
uPD78F8043	56-pin WQFN (8x8)	QB-78K0RKX3C-ZZZ *1	QB-78F8043-EA-01T*1	-	QB-56K8-NQ-01T*1	QB-144-EP-02S	-	-
78K0R/LF3	80-pin LQFP (14x14)		QB-80GC-EA-09T	QB-80GC-YQ-01T	QB-80GC-NQ-01T		QB-80GC-HQ-01T	QB-80GC-YS-01T*1 YQSOCKET080SDN*2
	80-pin LQFP (12x12)		QB-80GK-EA-08T	QB-80GK-YQ-01T	QB-80GK-NQ-01T		QB-80GK-HQ-01T	QB-80GK-YS-01T*1 YQSOCKET080SDN*2
78K0R/LG3	100-pin LQFP (14x14)	QB-78K0RLX3-ZZZ	QB-100GC-EA-08T	QB-100GC-YQ-01T	QB-100GC-NQ-01T	QB-144-EP-02S	QB-100GC-HQ-01T	QB-100GC-YS-01T*1 YQSOCKET100SDN*2
78K0R/LH3	128-pin LQFP (14x20)		QB-128GF-EA-01T	QB-128GF-YQ-01T	QB-128GF-NQ-01T		QB-128GF-HQ-01T	QB-128GF-YS-01T*1 YQSOCKET128RDN*2
78K0R/KE3-A	64-pin FBGA (6x6)	QB-78K0RLX3-ZZZ	QB-64F1-EA-06T	-	QB-64F1-NQ-02T	QB-144-EP-02S	-	-
78K0R/LG3-M	100-pin LQFP (14x14)	QB-78K0RLX3-ZZZ	QB-78F8070-EA-01T*1	QB-100GC-YQ-01T	QB-100GC-NQ-01T	QB-144-EP-02S	QB-100GC-HQ-01T	QB-100GC-YS-01T*1 YQSOCKET100SDN*2
78K0R/KC3-L (USB)	48-pin TQFP (7x7)		QB-48GA-EA-05T	QB-48GA-YQ-01T	QB-48GA-NQ-01T		QB-48GA-HQ-01T	QB-48GA-YS-01T*1 YQSOCKET048SDN*2
	48-pin WQFN (7x7)		QB-48K8-EA-01T*1	-	QB-48K8-NQ-01T*1		-	-
78K0R/KE3-L (USB)	64-pin LQFP (10x10)	QB-78F1026-ZZZ	QB-64GB-EA-11T	QB-64GB-YQ-01T	QB-64GB-NQ-01T	QB-80-EP-01T	QB-64GB-HQ-01T	QB-64GB-YS-01T*1 YQSOCKET064SDN*2
	64-pin TQFP (7x7)		QB-64GA-EA-05T	QB-64GA-YQ-01T	QB-64GA-NQ-01T		QB-64GA-HQ-01T	QB-64GA-YS-01T*1 YQSOCKET064SDN*2
	64-pin FBGA (5x5)		QB-64F1-EA-07T	-	QB-64F1-NQ-01T		-	-

*1 Discontinued product

*2 Buy the product : manufactured by Tokyo Eletech Corporation

Optional product list of IECUBE for 78K0R

We ended sales of the IECUBE set (main unit, socket, and other items) at the end of May 2015.

If you wish to purchase the product, please separately purchase the main IECUBE unit (QB-xxxxxxx-ZZZ), socket, and other required items.

Each link on product number is set with the URL for User's manual document.

Click here for information about [\[Power-supply adapter QB-COMMON-PW-xx\]](#) (optional).

MCU	Package	IECUBE main unit	Socket Set				Option		
			Exchange Adapter	YQ Connector	Target Connector	Emulation Probe	Mount Adapter	Space Adapter	
78K0R/FB3	30-pin SSOP (7.62mm(300))	QB-78K0RFX3-ZZZ	QB-30MC-EA-06T	QB-30MC-YQ-01T	QB-30MC-NQ-01T	QB-80-EP-01T	QB-30MC-HQ-01T	QB-30MC-YS-01T*1 YSSOCKET30BKN*2	
	32-pin WQFN (5x5)		QB-32K8-EA-01T	-	QB-32K8-NQ-02T		-	-	
78K0R/FC3	40-pin WQFN (6x6)		QB-40K8-EA-01T*1	-	QB-40K8-NQ-01T*1		-	-	
	48-pin WQFN (7x7)		QB-48K8-EA-01T	-	QB-48K8-NQ-01T*1		-	-	
	48-pin TQFP (7x7)		QB-48GA-EA-05T	QB-48GA-YQ-01T	QB-48GA-NQ-01T		QB-48GA-HQ-01T	QB-48GA-YS-01T*1 YQSOCKET048SDN*2	
78K0R/FE3	64-pin LQFP (10x10)		QB-64GB-EA-09T	QB-64GB-YQ-01T	QB-64GB-NQ-01T		QB-64GB-HQ-01T	QB-64GB-YS-01T*1 YQSOCKET064SDN*2	
78K0R/FF3	80-pin LQFP (12x12)		QB-80GK-EA-10T	QB-80GK-YQ-01T	QB-80GK-NQ-01T		QB-80GK-HQ-01T	QB-80GK-YS-01T*1 YQSOCKET080SDN*2	
78K0R/FG3	100-pin LQFP (14x14)		QB-100GC-EA-09T	QB-100GC-YQ-01T	QB-100GC-NQ-01T		QB-144-EP-02S	QB-100GC-HQ-01T	QB-100GC-YS-01T*1 YQSOCKET100SDN*2
uPD78F8069	64-pin WQFN (9x9)		QB-78K0RFX3-ZZZ	QB-78F8069-EA-01T*1	-		QB-64K8-NQ-01T	QB-144-EP-02S	-
78K0R/HC3	48-pin TQFP (7x7)		QB-78K0RFX3-ZZZ	QB-48GA-EA-05T	QB-48GA-YQ-01T		QB-48GA-NQ-01T	QB-80-EP-01T	QB-48GA-HQ-01T
78K0R/HE3	64-pin LQFP (10x10)	QB-64GB-EA-09T		QB-64GB-YQ-01T	QB-64GB-NQ-01T	QB-64GB-HQ-01T	QB-64GB-YS-01T*1 YQSOCKET064SDN*2		
78K0R/HF3	80-pin LQFP (12x12)	QB-80GK-EA-10T		QB-80GK-YQ-01T	QB-80GK-NQ-01T	QB-80GK-HQ-01T	QB-80GK-YS-01T*1 YQSOCKET080SDN*2		
78K0R/HG3	100-pin LQFP (14x14)	QB-100GC-EA-09T		QB-100GC-YQ-01T	QB-100GC-NQ-01T	QB-144-EP-02S	QB-100GC-HQ-01T		QB-100GC-YS-01T*1 YQSOCKET100SDN*2

*1 Discontinued product

*2 Buy the product : manufactured by Tokyo Eletech Corporation