

Computer-On-Modules



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ADI MINNOWBOARD TURBOT SINGLE BOARD COMPUTER

ADI Engineering MBT-2210 MinnowBoard Turbot is an enhanced MinnowBoard MAX compatible board with FCC and CE certification and increased performance. It features an expandable open-source hardware design that provides endless possibilities for customization and integration. MinnowBoard Turbot can be confidently deployed by OEMs across an incredibly diverse range of commercial applications with its regulatory compliance and enhanced design.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ADI Engineering Part No.	Description	Price Each	
847-MBT-2210	MBT-2210	1.46 GHz, 2GB, MinnowBoard Turbot based on Intel® Atom™ E3826		150.00

CONGA-CA COM EXPRESS COMPACT MODULES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Congatec Part No.	Description	Price Each	
787-41001	conga-BAF/T56N	AMD Dual Core Processor T56N	355.15	351.56
787-65800	conga-TEVAL	Routes COM Express signals to std interfacet connectors	475.13	-
787-41027	conga-BAF/CSA-B	Active cooling heatsink	56.58	55.76

XTX EMBEDDED CPU MODULE

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Congatec Part No.	Description	Price Each	
787-68712	DDR2-SODIMM-667 (2048MB)	2GB DDR2 SODIMM memory module	81.70	80.80

QSEVEN SERIES SINGLE BOARD COMPUTERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Congatec Part No.	Description	Price Each	
Intel® Atom™				
787-15033	conga-QA6/E680-1G	Intel® Atom™ E680 processor	327.09	323.32
787-15031	conga-QA6/E640-1G	Intel® Atom™ E640 processor	230.81	228.03
787-15032	conga-QA6/E620-1G	Intel® Atom™ E620 processor	206.19	202.13
787-015100	conga-QA3/E3845-2G eMMC4	Intel® Atom™ E3845 1.91GHz 2G	250.67	241.03
787-015101	conga-QA3/E3827-2G eMMC4	Intel® Atom™ E3827 1.75GHz 2G	234.67	225.64
787-015102	conga-QA3/E3826-2G eMMC4	Intel® Atom™ E3826 1.46GHz 2G	225.33	216.67
787-015104	conga-QA3/E3815-2G eMMC4	Intel® Atom™ E3815 1.46GHz 2G	204.00	196.15
Intel® Celeron™				
787-015111	conga-QA3/J1900-2G	Intel® Celeron™ J1900 2GHz 2G	241.33	232.05
Freescal@ ARM				
787-016100	conga-QMX6/SC-1G eMMC4	Qseven Freescale® i.MX6 Solo ARM Cortex A9 1GHz 1GB	120.00	115.38
787-016101	conga-QMX6/DCL-1G eMMC4	Qseven Freescale® i.MX6 Dual Lite ARM Cortex A9 1GHz 1GB	144.01	138.47
787-016102	conga-QMX6/DC-1G eMMC4	Qseven Freescale® i.MX6 Dual ARM Cortex A9 1GHz 1GB	154.29	148.35
787-016103	conga-QMX6/QC-1G eMMC4	Qseven Freescale® i.MX6 Quad ARM Cortex A9 1GHz 1GB	166.67	160.26
787-016104	conga-QMX6/QC-2G eMMC4	Qseven Freescale® i.MX6 Quad ARM Cortex A9 1GHz 2GB	198.67	191.03
787-016110	conga-QMX6/ISC-1G eMMC2	Qseven Freescale® i.MX6 Solo ARM Cortex A9 800MHz 1GB	166.61	160.24
787-016111	conga-QMX6/IDC-1G eMMC2	Qseven Freescale® i.MX6 Dual Lite ARM Cortex A9 800MHz 1GB	181.32	174.35
787-016112	conga-QMX6/IDC-1G eMMC2	Qseven Freescale® i.MX6 Dual ARM Cortex A9 800MHz 1GB	192.00	184.62
787-016113	conga-QMX6/QC-1G eMMC2	Qseven Freescale® i.MX6 Quad ARM Cortex A9 800MHz 1GB	200.00	192.31
Accessories				
787-15062	conga-QA6-CSP-B	Heat sinks passive cooling solution	32.58	31.62
787-15060	conga-QA6-HSP-B	Heatspreader for conga-QA6 2.7mm	27.68	26.72
787-015190	conga-QA3/HSP-B	Heatspreader for conga-QA3 2.7mm	16.50	15.22
787-077500	conga-QKIT/ARM	Qseven ARM Reference Starter Kit	872.50	-

MITYDSP

The MityDSP platform is a high-performance, customizable system on module (SoM) featuring DSP, ARM, and/or FPGA.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Critical Link Part No.	DSP Processor Series	DSP Clock Speed (MHz)	Flash (MB)	RAM (MB)	FPGA Processor Series	Operating Temperature (°C)	Price Each
914-6455-JE-3X5-RC	6455-JE-3X5-RC	TMS320C6455	1200	16	128	Xilinx XC3S4000	0 to 70	1471.83
914-L138-DG-225-RI	L138-DG-225-RI	C674x VLIW	456	256	128	Xilinx XC6SLX16	-40 to 85	361.44
914-L138-DI-225-RI	L138-DI-225-RI	C674x VLIW	456	256	128	Xilinx XC6SLX45	-40 to 85	418.20
914-L138-FG-225-RC	L138-FG-225-RC	C674x VLIW	456	256	128	Xilinx XC6SLX16	-40 to 85	338.78
914-L138-FI-236-RL	L138-FI-236-RL	C674x VLIW	456	256	128	Xilinx XC6SLX45	-40 to 85	440.86

MITYDSP ARM CORE

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Critical Link Part No.	DSP Processor Series	DSP Clock Speed (MHz)	Flash (MB)	RAM (MB)	ARM Processor Series	Operating Temperature (°C)	Price Each
914-L138-FX-225-RC	L138-FX-225-RC	OMAP-L138	456	256	128	ARM926EJ-S	0 to 70	225.53

MITYSOM

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Critical Link Part No.	Processor Series	Clock Speed (MHz)	NOR Flash (MB)	RAM (MB)	Operating Temperature (°C)	Price Each
914-1808-FX-225-RC	1808-FX-225-RC	Sitara™ AM1808	456	8	128	0 to 70	202.86
914-3354-HX-X38-RC	3354-HX-X38-RC	Sitara™ AM3354	800	8	512	0 to 70	168.87
914-5CSX-H6-4YA-RC	5CSX-H6-4YA-RC	Altera Cyclone® V	925	32	1000	0 to 70	508.86
914-5CSX-H6-53B-RC	5CSX-H6-53B-RC	Altera Cyclone® V	925	48	2000	0 to 70	576.86

DEVELOPMENT KITS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Critical Link Part No.	Description	Price Each
914-80-000413	80-000413	Development Kit, MityDSP-L138F (L138-DG-225-RI)	749.00
914-80-000454	80-000454	Development Kit, MityDSP-L138F (L138-DI-225-RI)	799.00
914-80-000382	80-000382	Development Kit, MityDSP-L138F (L138-FI-236-RL)	799.00
914-80-000634	80-000634	Development Kit, MITY-SOM-335x (3354-HX-X38-RC)	464.06

SINGLE BOARD COMPUTERS AND KIT

Imagination Technologies is a global technology leader with a broad range of silicon IP, including key processing blocks needed to create the Systems on Chips (SoCs) that power mobile, consumer, and embedded electronics

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Imagination Technologies Part No.	Description	Price Each
456-VL-62851	VL-62851	Creator Ci20 IoT Development Board with Dual-Core 1.2GHz CPU, 1GB DDR3, Ethernet, Bluetooth 4.0, and 802.11b/g/n Wi-Fi	71.50
456-VL-63913	VL-63913	Creator Ci40 IoT Development Board with Dual-Core 550MHz CPU, 1GB DDR3, Bluetooth 4.1, and 802.11b/g/n Wi-Fi	78.00
Development Kit			
456-VL-62899	VL-62899	Creator Ci40 IoT Development Kit, Includes Ci40 Board, 2xClicker™ Expansion Boards, and 3xClick™ Boards	156.00