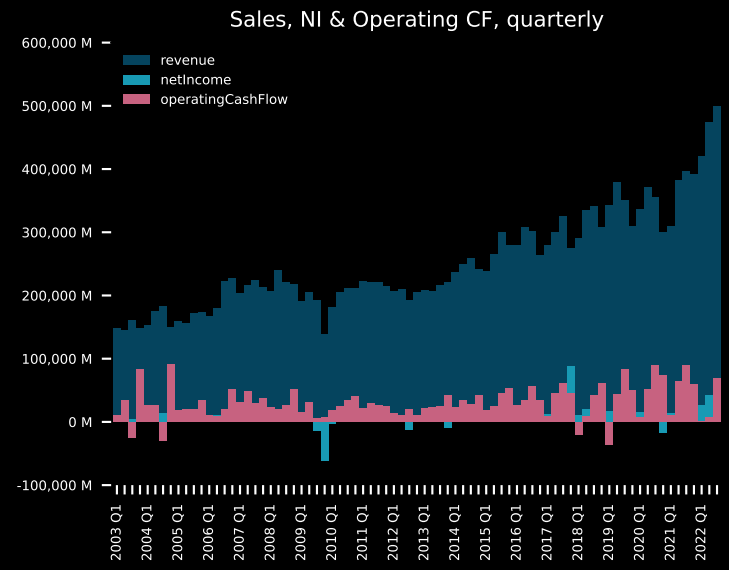
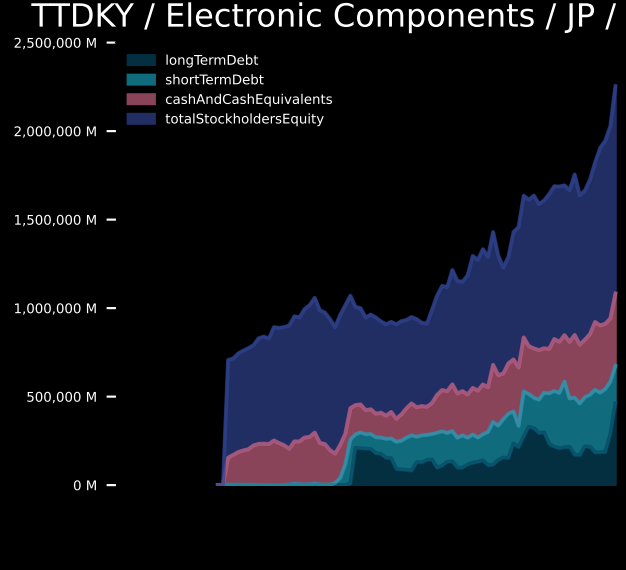
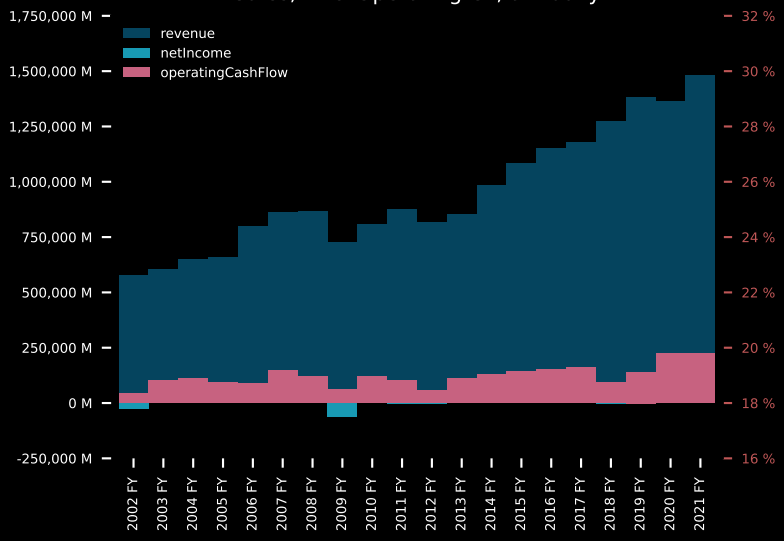
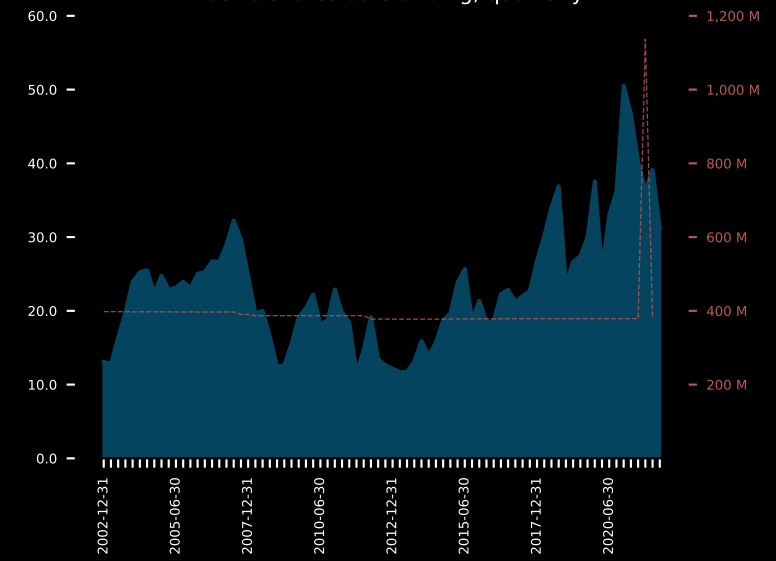
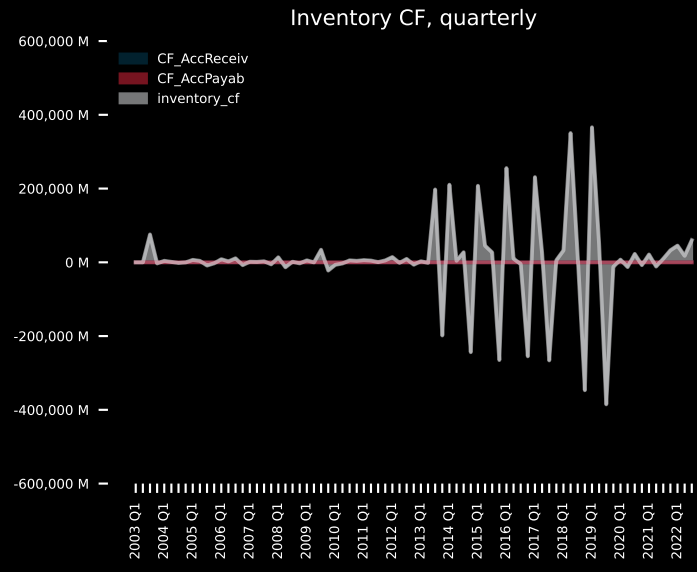
TTDKY / Electronic Components / JP / 2022-06-24











TDK Corporation, together with its subsidiaries, manufactures and sells electronic components in Japan, Europe, China, Asia, the Americas, and internationally. The company operates through Passive Components, Sensor Application Products, Magnetic Application Products, Energy Application Products, and Other segments. The Passive Components segment provides ceramic capacitors, aluminum electrolytic capacitors, film capacitors, inductive devices, high-frequency components, piezoelectric materials, and circuit protection components. The Sensor Application Products segment offers temperature and pressure, magnetic, and MEMS sensors. The Magnetic Application Products segment offers hard disk drives (HDD) heads, HDD suspension assemblies, and magnets. The Energy Application Products segment provides energy devices, such as rechargeable batteries and power supplies. The Other segment provides mechatronics

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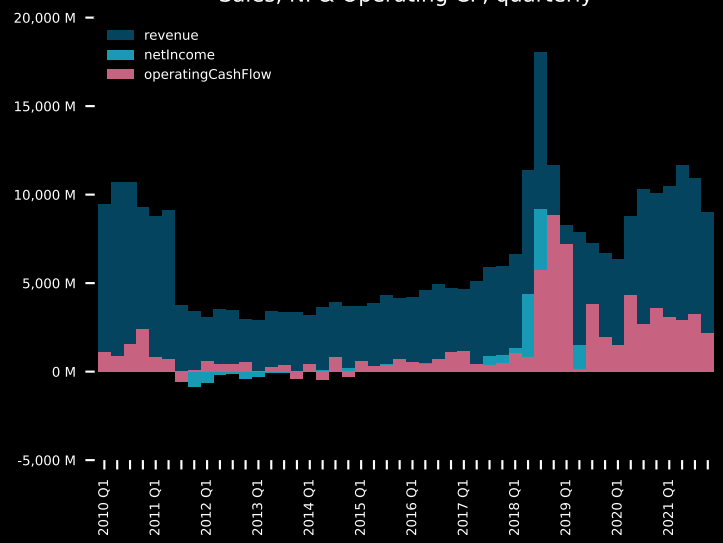
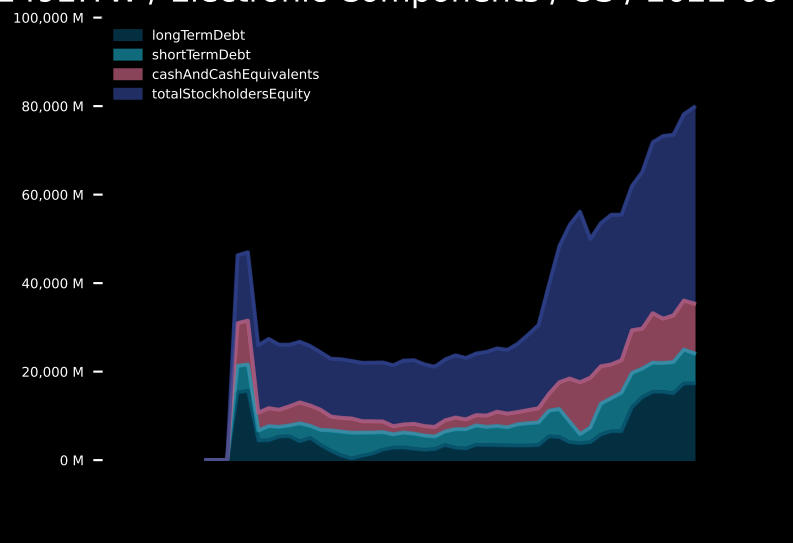
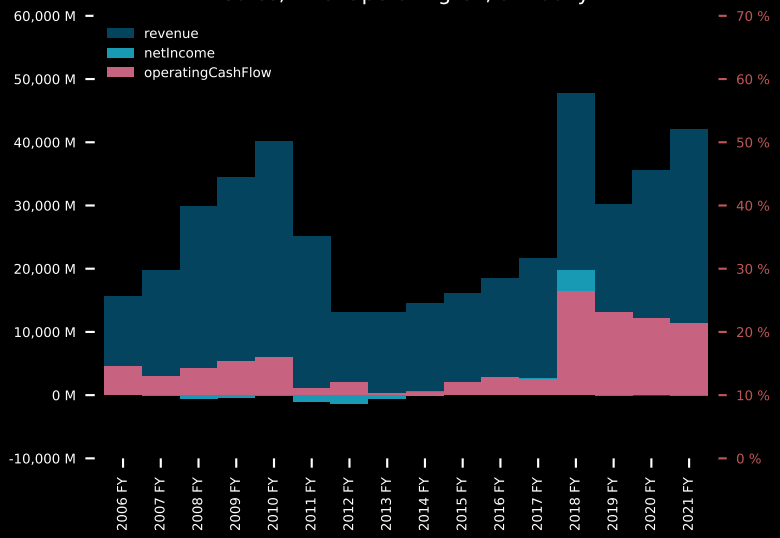
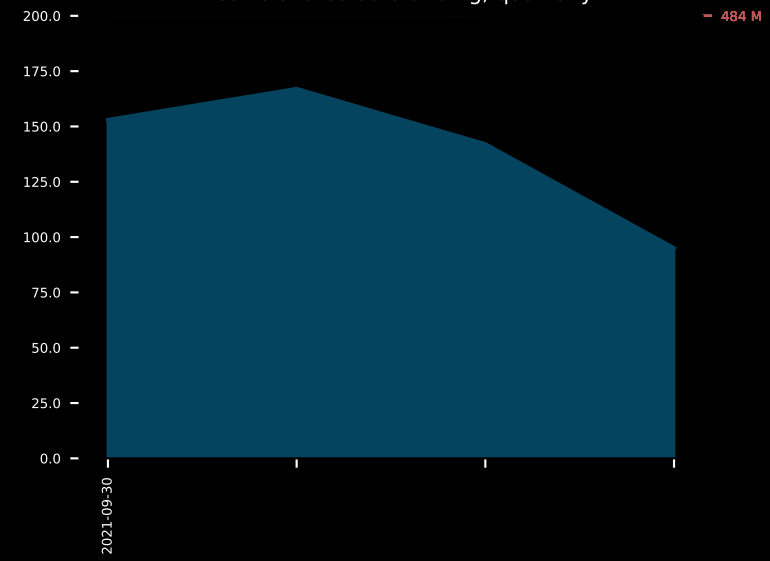
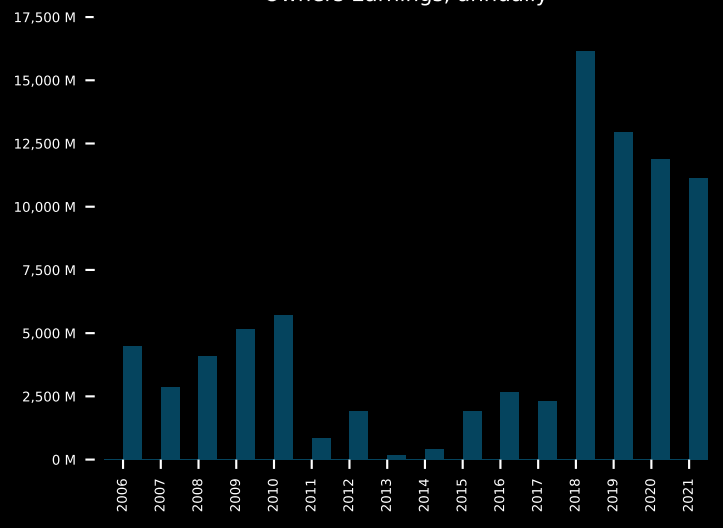
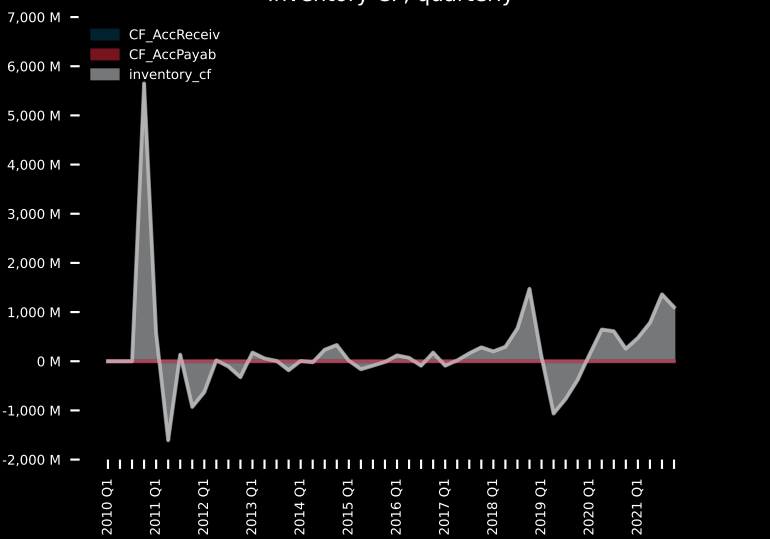




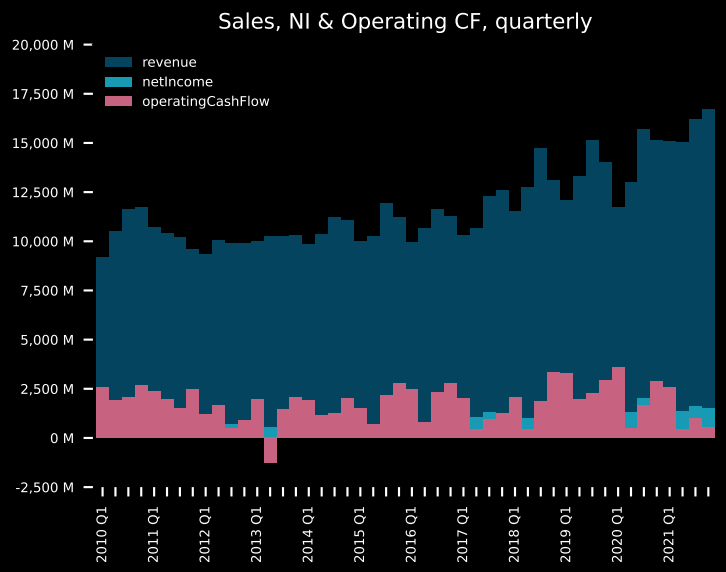


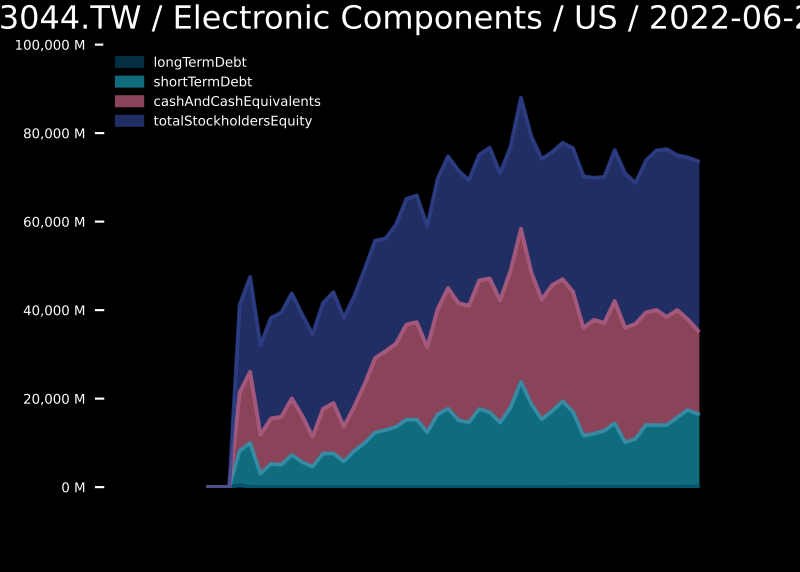


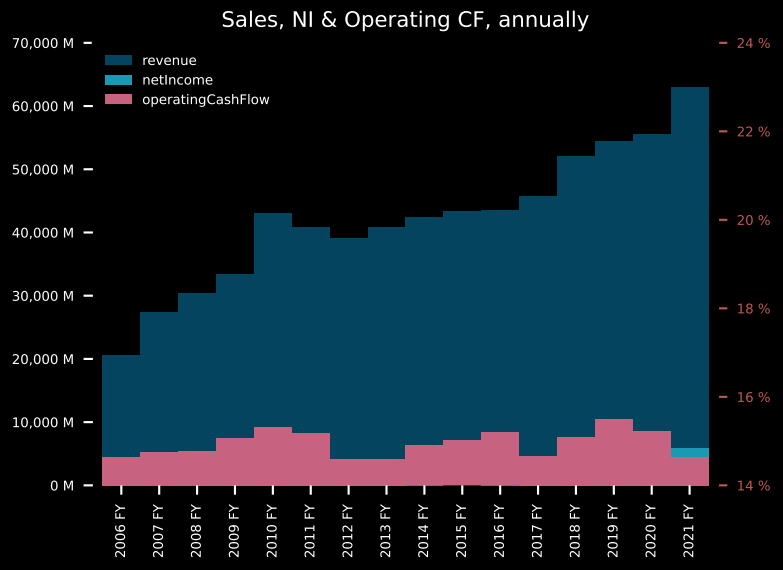


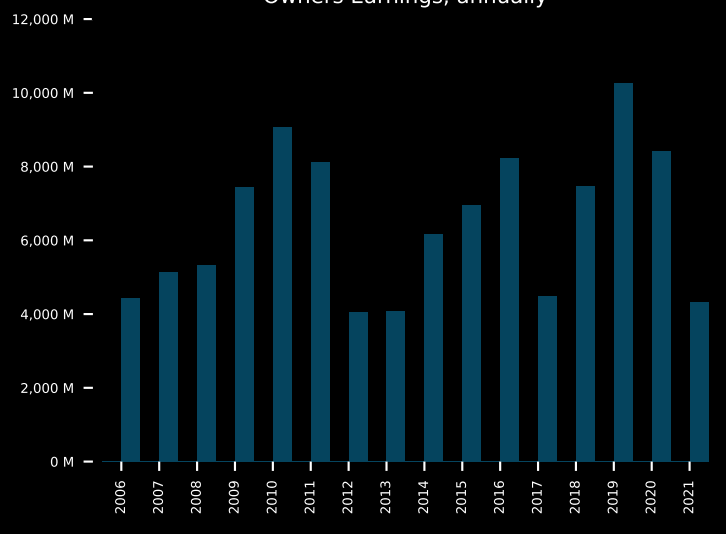


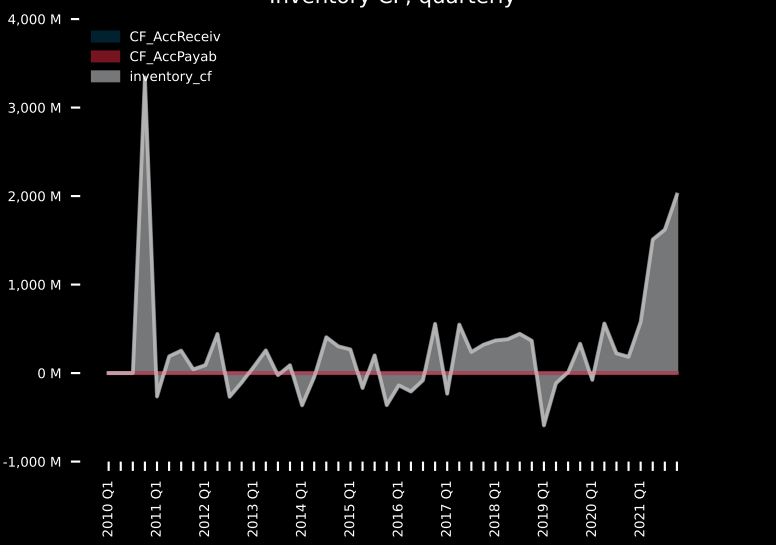
Walsin Technology Corporation develops, manufactures, and sells electronic passive components worldwide. The company offers capacitors, resistors, thin film products, inductors, safety components, RF filters, antennas, and modules. Its products are used in mobile communication, networking, automotive, industrial, power supply, IoT, green energy, PC and peripheral, and lighting applications. The company was founded in 1970 and is headquartered in Taipei, Taiwan.











Tripod Technology Corporation processes, manufactures, and sells printed circuit boards (PCBs) and other related components in Taiwan, China, Vietnam, Thailand, South Korea, Malaysia, and internationally. The company offers various PCBs for use in memory modules, TFT-LCDs, hard disk drives, notebook computers, and server/work stations, as well as handsets and automotive products; and other services. It also engages in the manufacture and wholesale of chemical materials and electronic parts; trading of PCBs and raw materials of electronic parts; manufacture of electronic cash registers; and wholesale, import, and export of electronic products. In addition, the company is also involved in the development, sale, and rental of commercial housing and own-built commercial housing; and investment activities. Further, it provides management services. Tripod Technology Corporation was founded in 1991 and is

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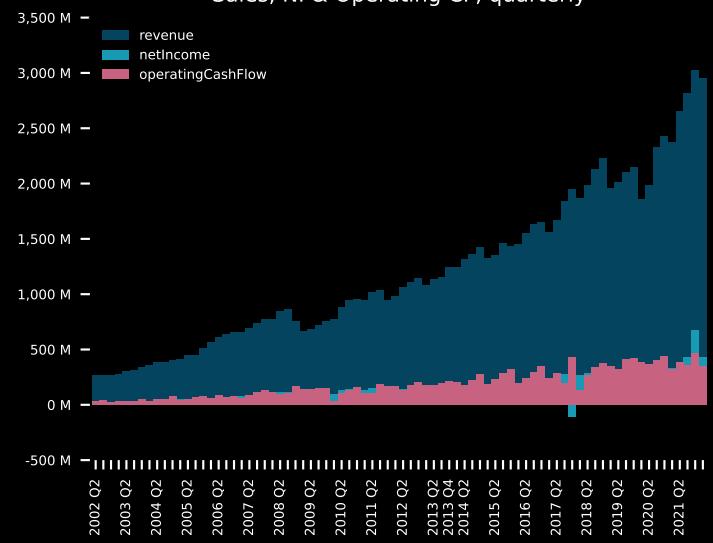

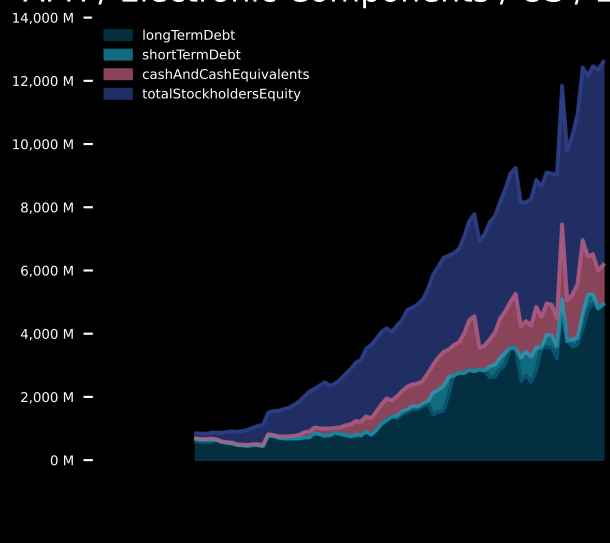

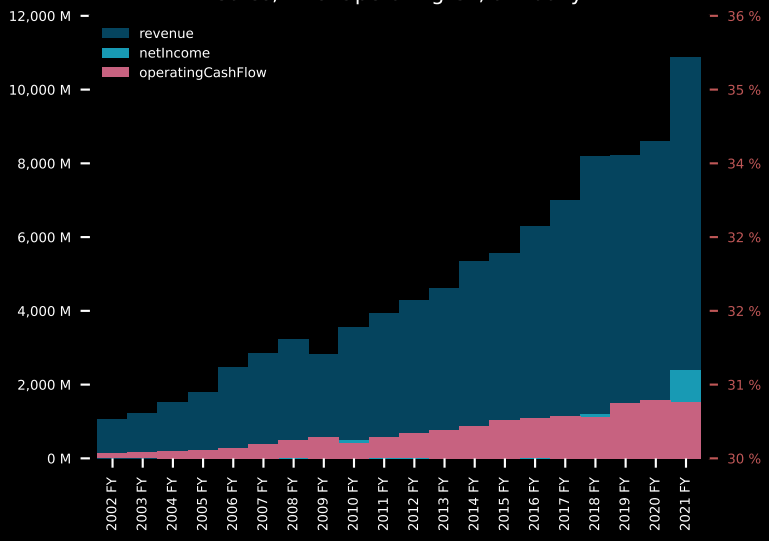

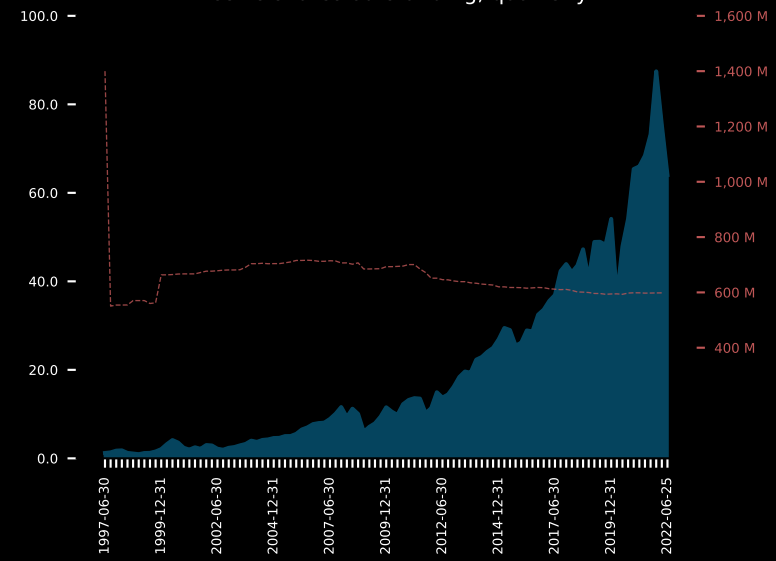

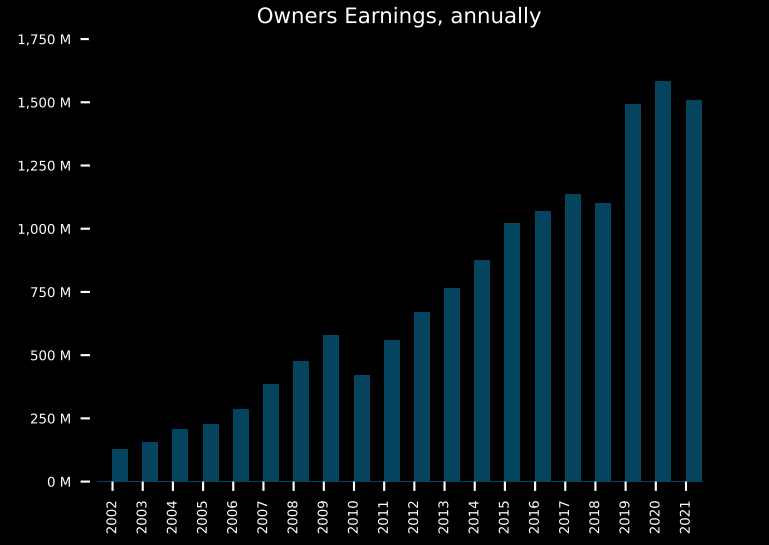

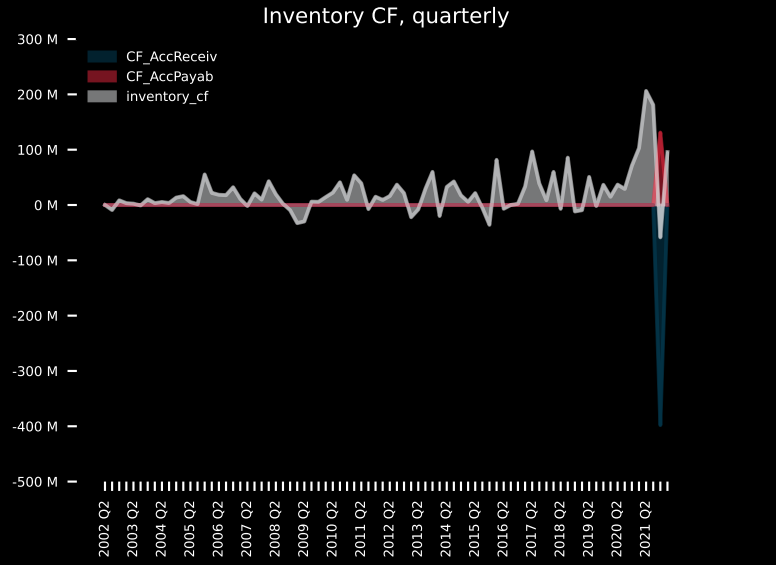

Amphenol Corporation, together with its subsidiaries, primarily designs, manufactures, and markets electrical, electronic, and fiber optic connectors in the United States, China, and internationally. It operates through three segments: Harsh Environment Solutions, Communications Solutions, and Interconnect and Sensor Systems. The company offers connectors and connector systems, including harsh environment data, power, high-speed, fiber optic, and radio frequency interconnect products; busbars and power distribution systems; and other connectors. It also provides value-add products, such as backplane interconnect systems, cable assemblies and harnesses, and cable management products; other products comprising flexible and rigid printed circuit boards, hinges, other mechanical, and production related products. In addition, the company offers consumer device, network infrastructure, and other

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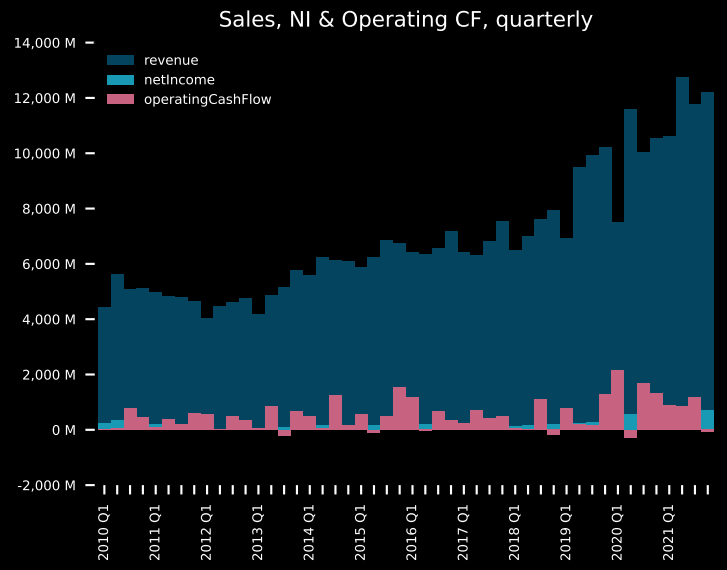

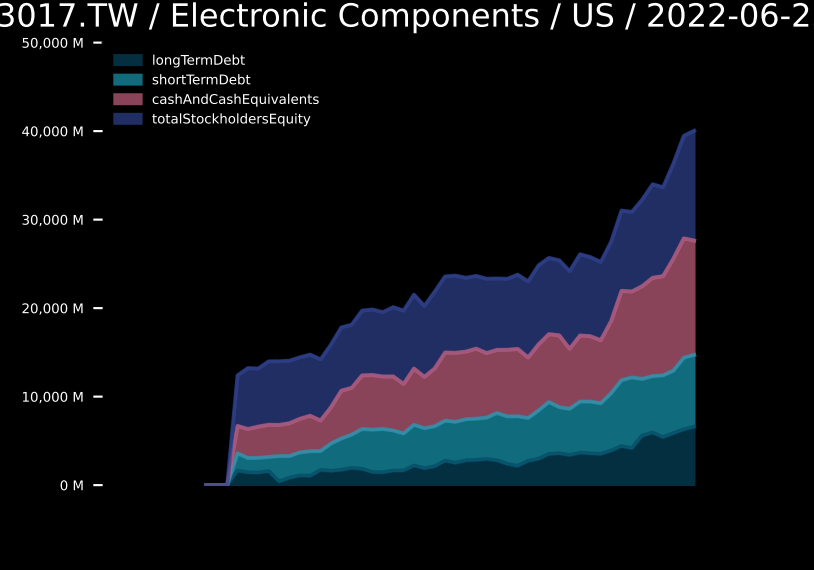

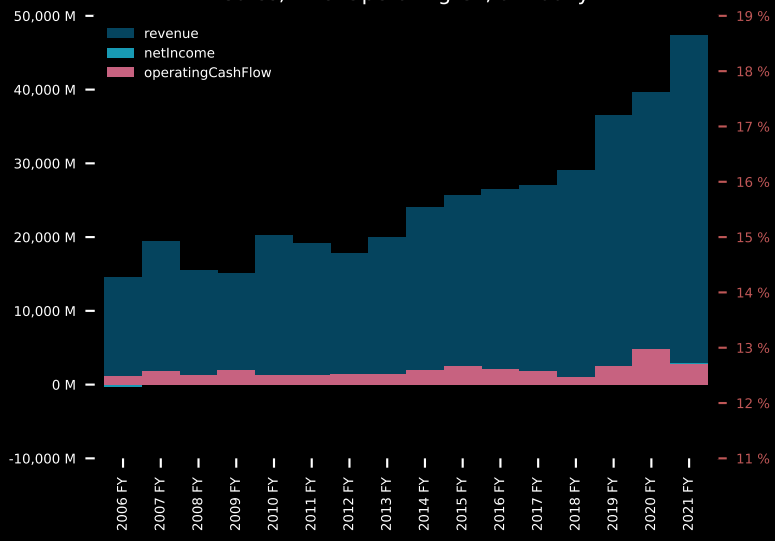

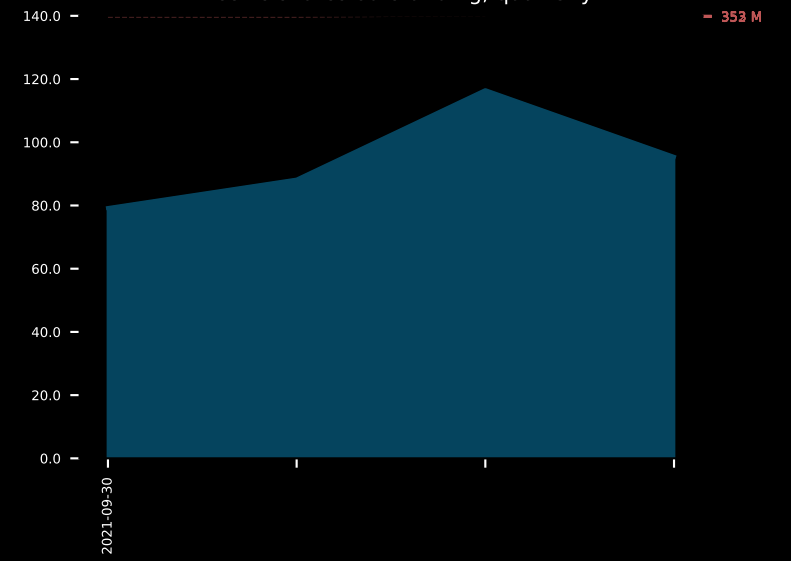

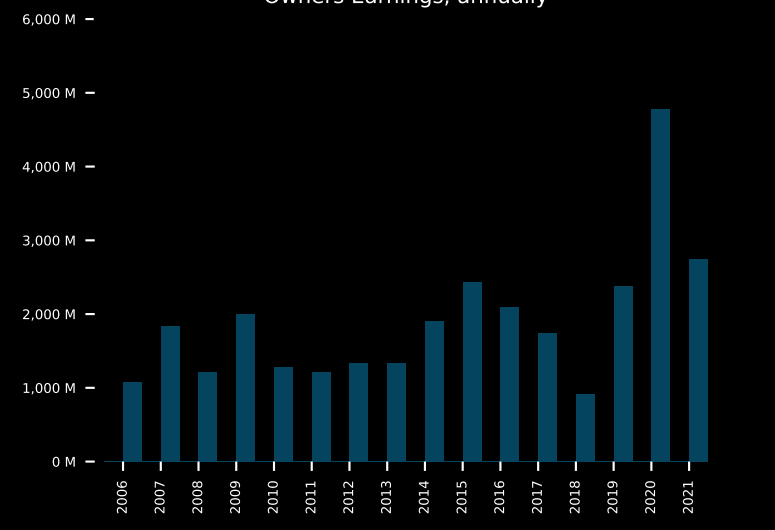

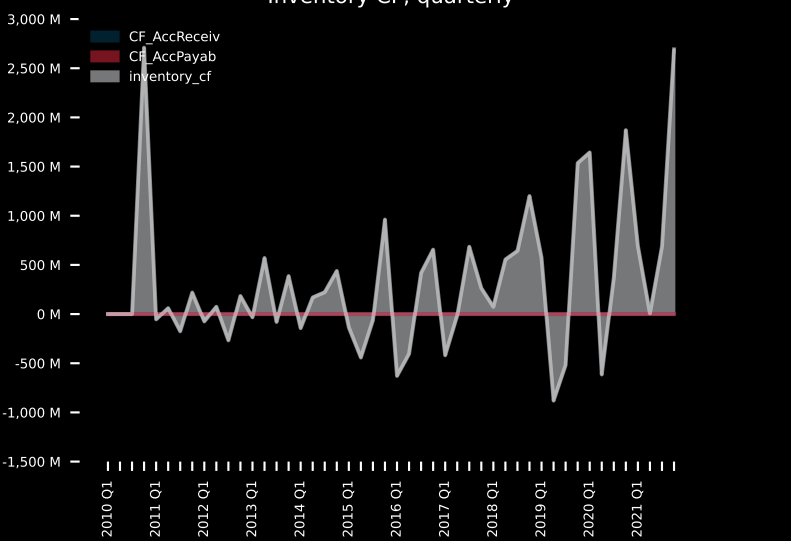

Asia Vital Components Co., Ltd. provides thermal solutions worldwide. The company offers DC, EC, and thin centrifugal fans; and fan arrays, far-end radiators, radiators, compressor radiators, heat sinks, and heat pipes/vapor chambers. It also designs and manufactures PC related casing systems. In addition, it offers camera modules, hinges, and touch panel products. Further, it manufactures motherboards; and provides system assembly and machine cooling programs. The company's products are used in various areas, including computers, communication equipment, energy, cars, transportation, and other fields of industrial cooling. Asia Vital Components Co., Ltd. was incorporated in 1991 and is headquartered in New Taipei City, Taiwan.

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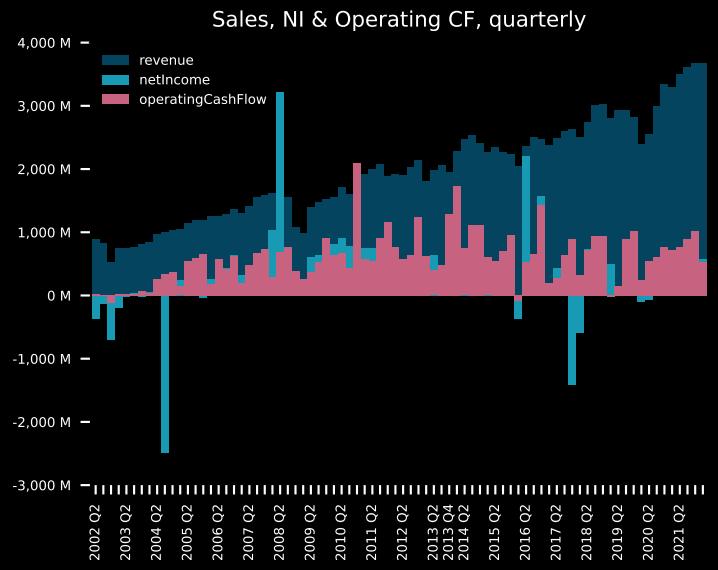
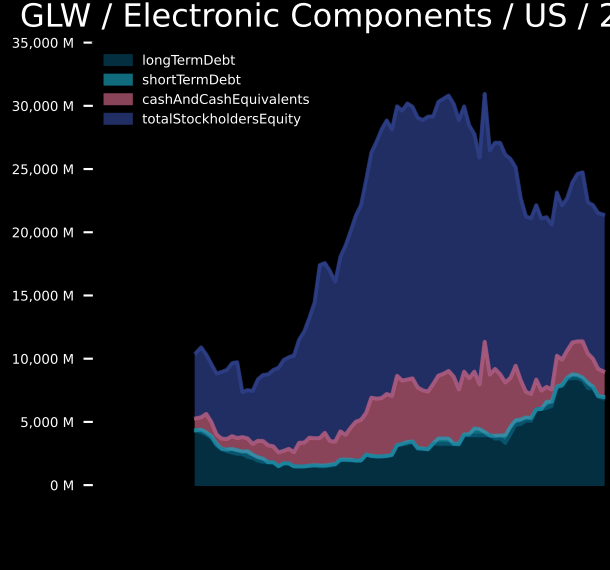
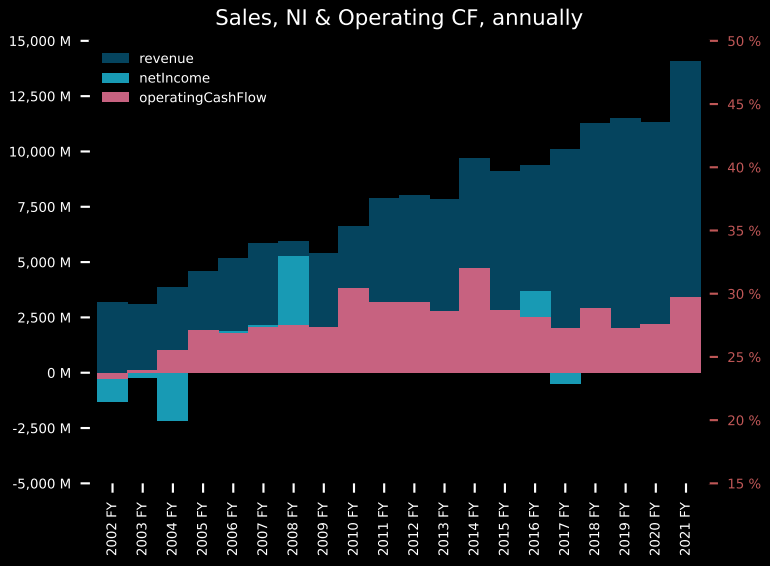
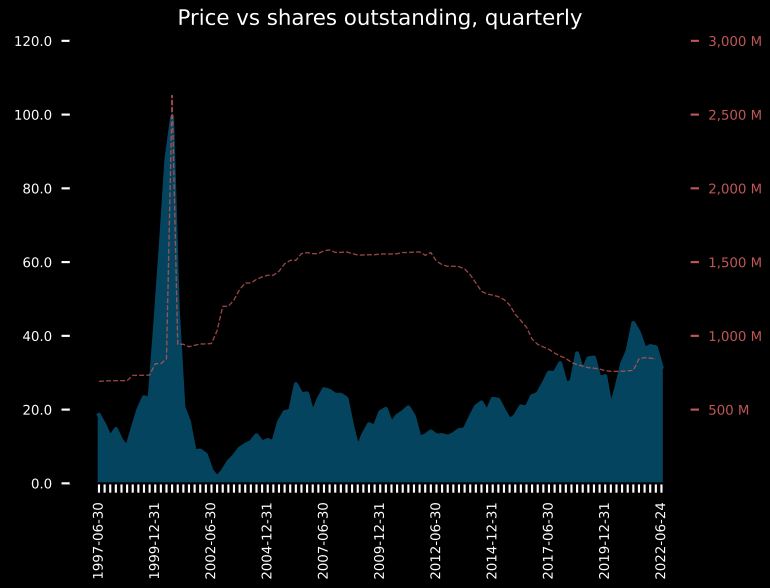
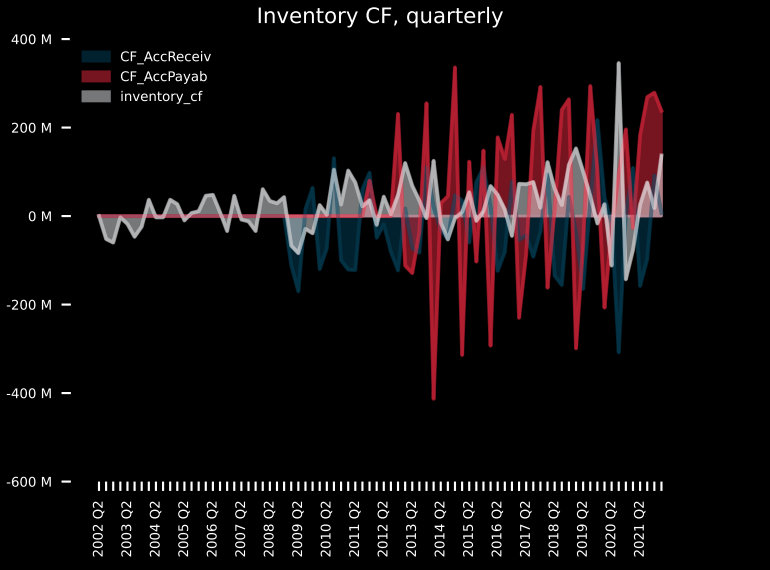


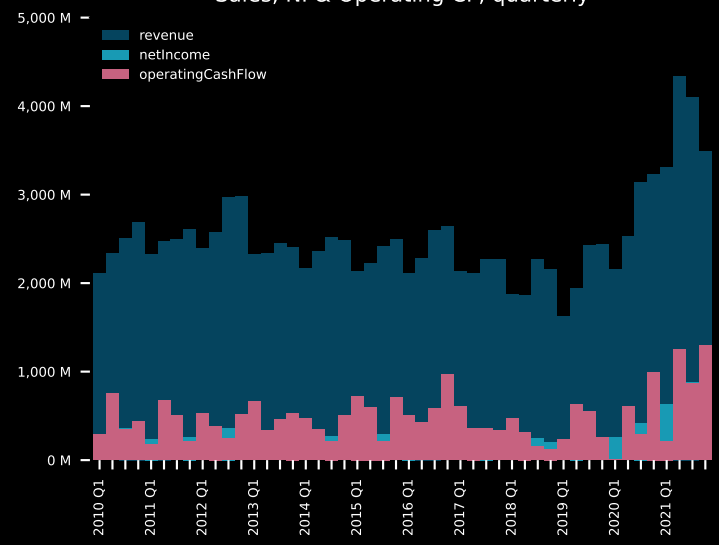


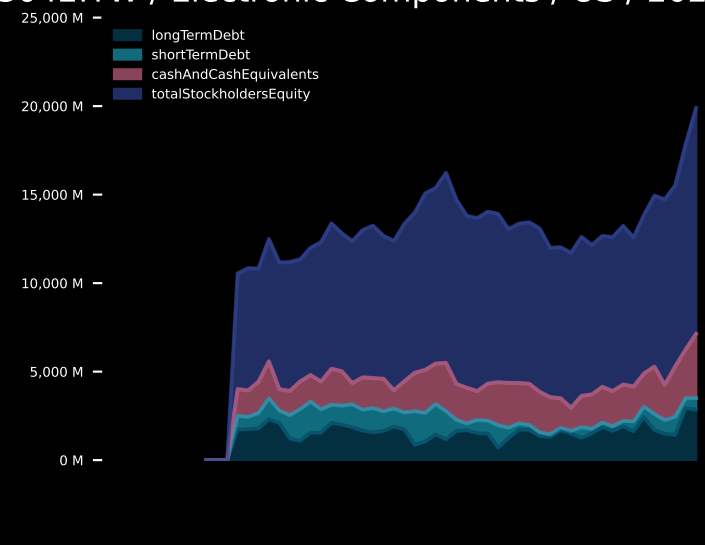


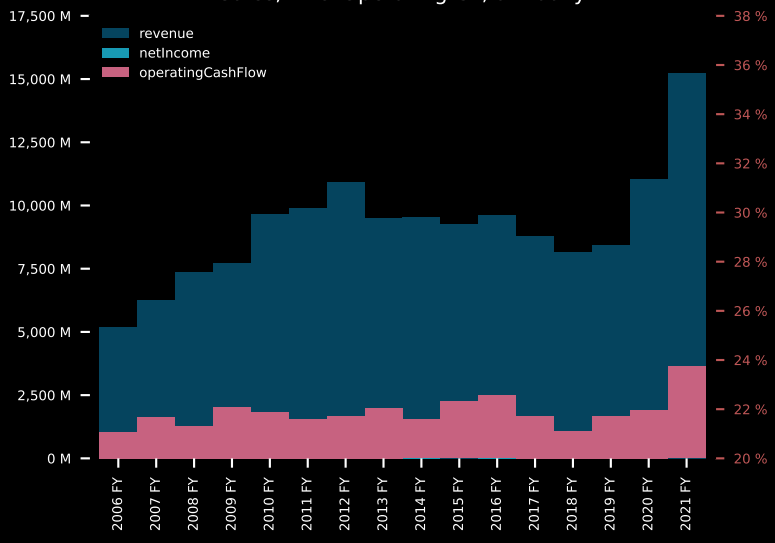


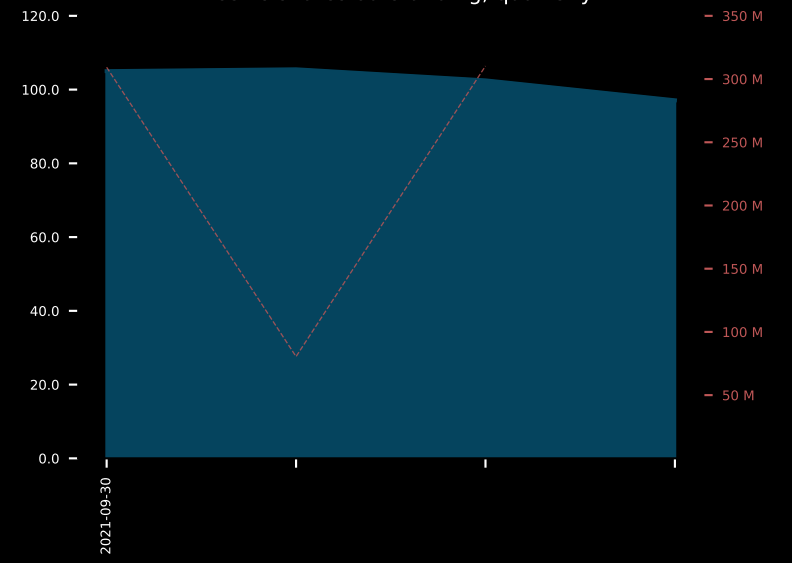


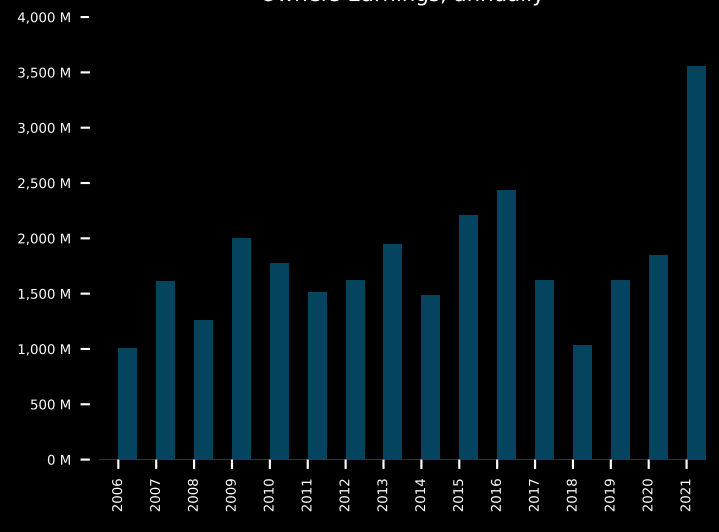
Corning Incorporated engages in display technologies, optical communications, environmental technologies, specialty materials, and life sciences businesses worldwide. The company's Display Technologies segment offers glass substrates for liquid crystal displays and organic light-emitting diodes used in televisions, notebook computers, desktop monitors, tablets, and handheld devices. Its Optical Communications segment provides optical fibers and cables; and hardware and equipment products, including cable assemblies, fiber optic hardware and connectors, optical components and couplers, closures, network interface devices, and other accessories. This segment also offers its products to businesses, governments, and individuals. Its Specialty Materials segment manufactures products that provide material formulations for glass, glass ceramics, crystals, precision metrology instruments, software; as well as ultra-thin

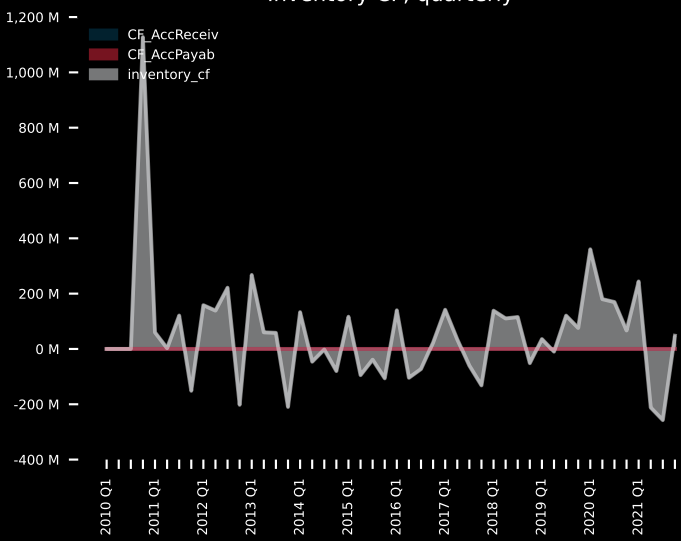




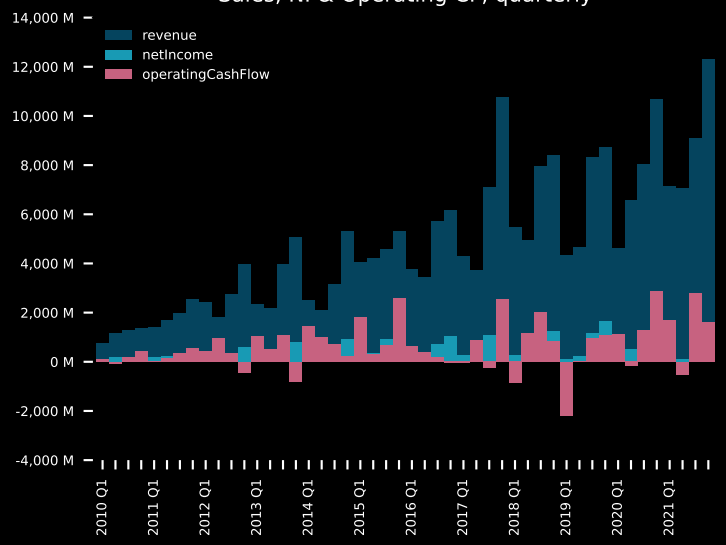


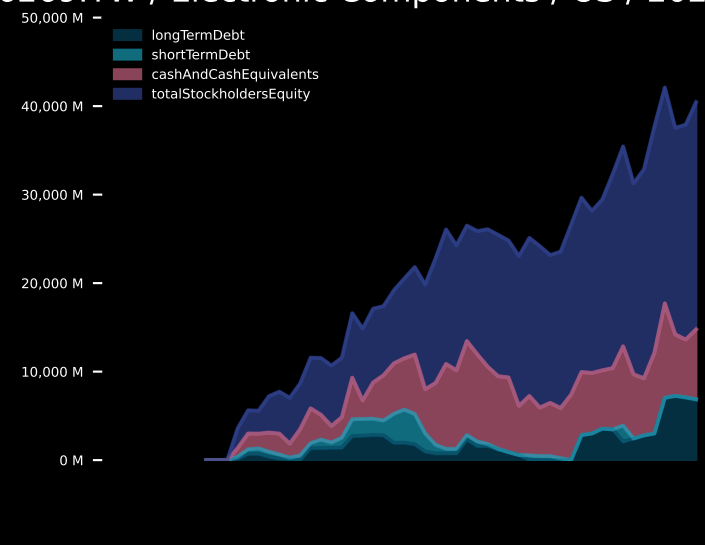


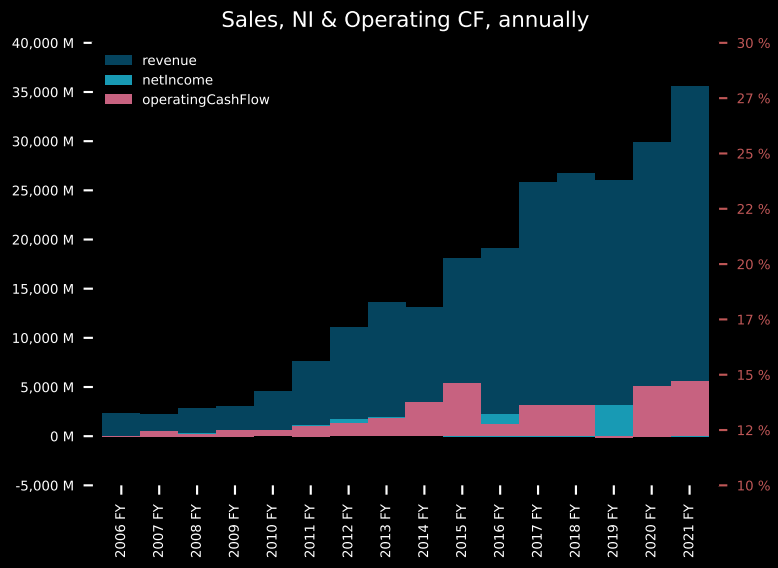


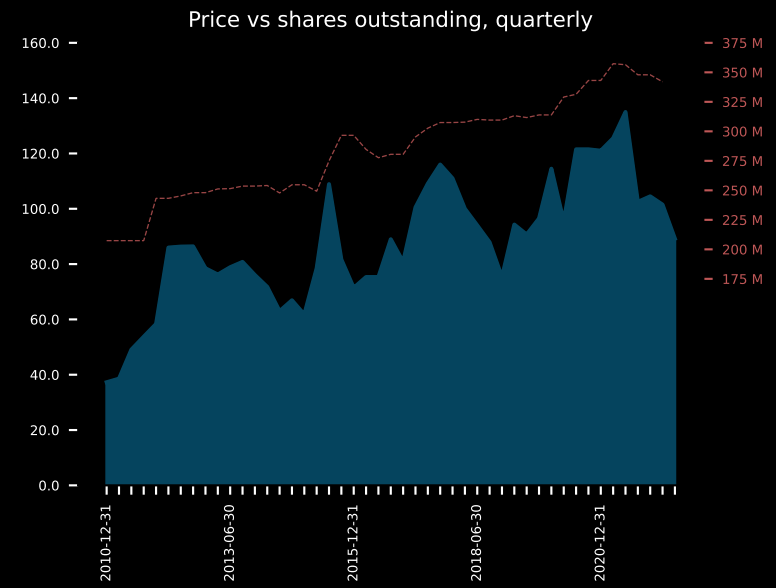


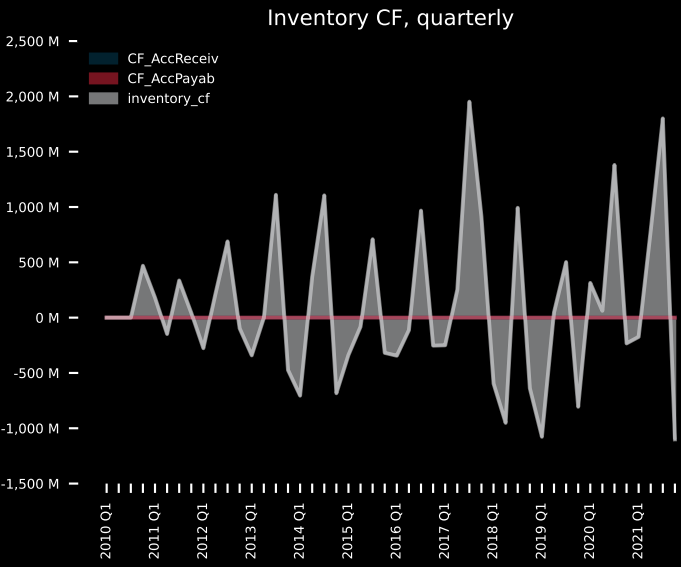
TXC Corporation engages in the research, design, development, production, and sale of crystal and oscillator products in Taiwan and internationally. The company's products include crystals, oscillators, and sensors, as well as automotive crystals. Its products are used in various applications, including mobile communication, wearable devices, Internet of Things, server, storage, automotive, telecommunication, and medical devices. TXC Corporation was founded in 1983 and is headquartered in Taipei, Taiwan.











Flexium Interconnect, Inc., together with its subsidiaries, engages in the design, development, manufacture, and sale of flexible printed circuit (FPC) boards in Taiwan, China, rest of Asia, Europe, and America. It provides single-sided, double-sided, multilayer, and rigid-flex FPC boards. The company also manufactures build-up copper clad laminate; researches and develops, manufactures, processes, trades, and repairs build-up printed circuit boards (PCB), flexible PCB, related semi-finished goods and parts, parts for semi-finished goods of polyimide film base copper clad laminate, and molds, tools, and clamping apparatuses; and sells raw materials. Its products are used in computers, LCD screens, consumer-type electronic products and equipment, and items related to the automobile GPS screens. Flexium Interconnect, Inc. was incorporated in 1997 and is headquartered in Kaohsiung, Taiwan.

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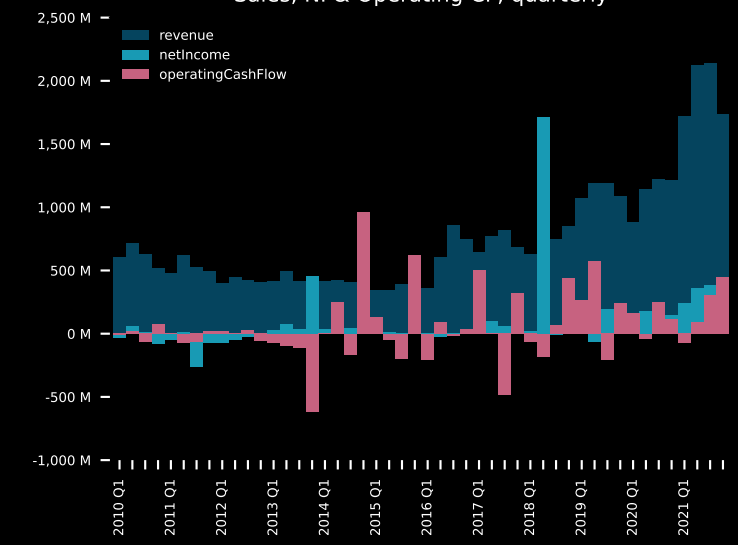
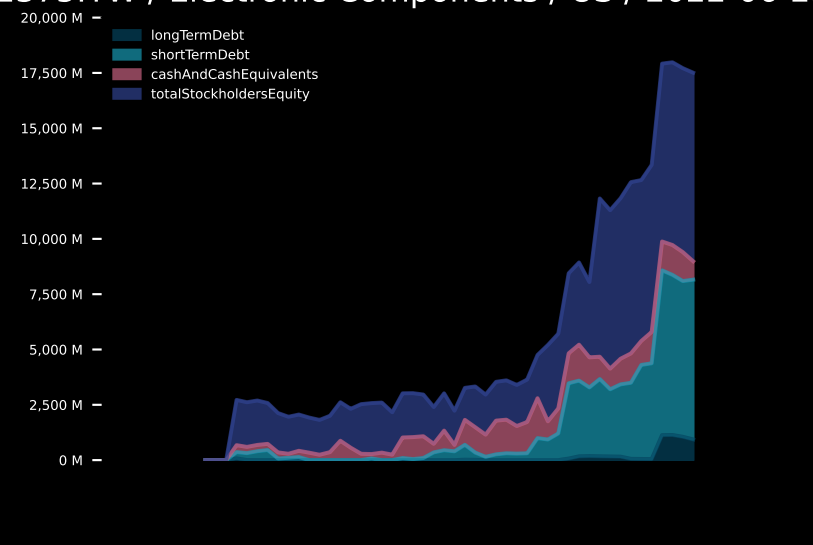
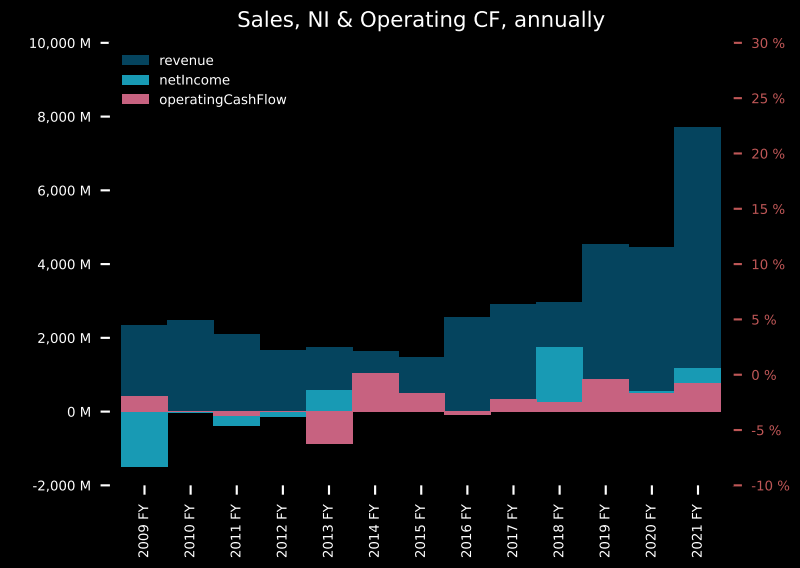
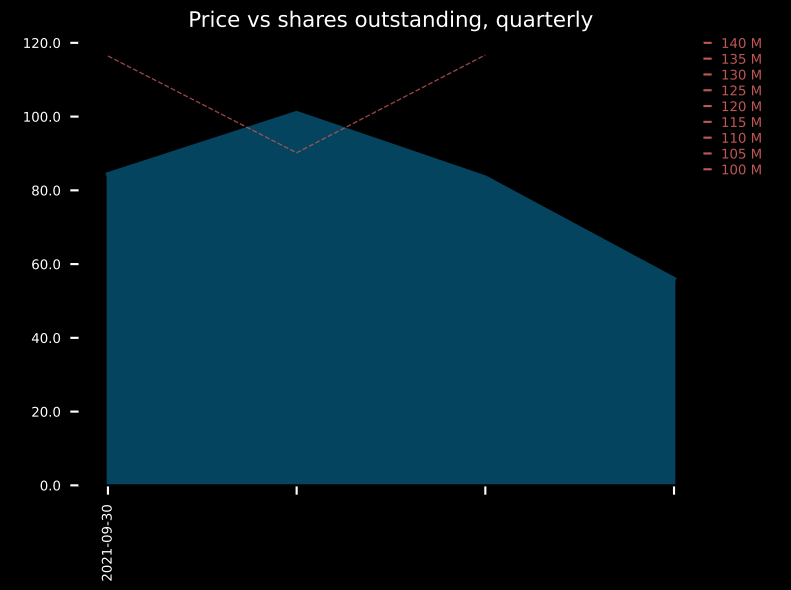
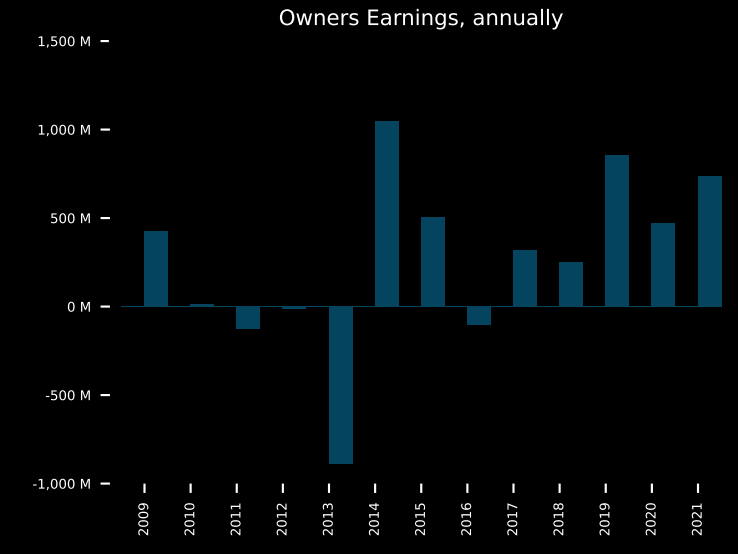
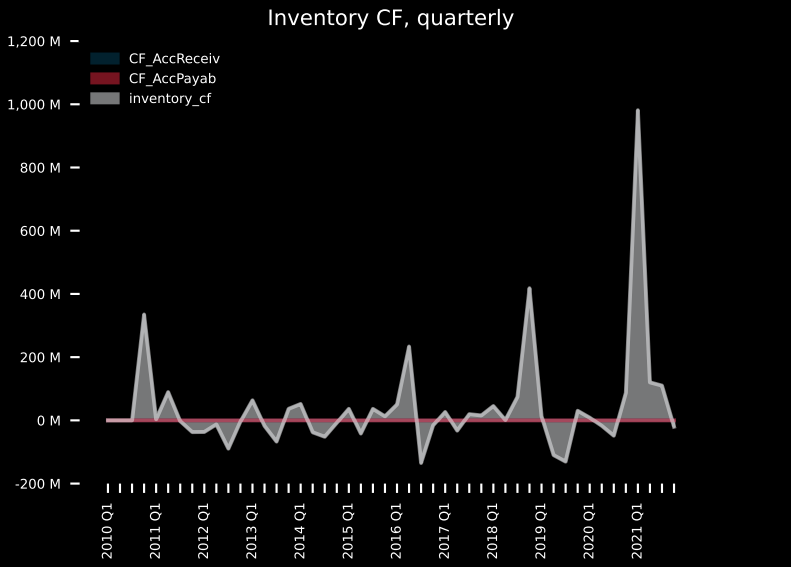




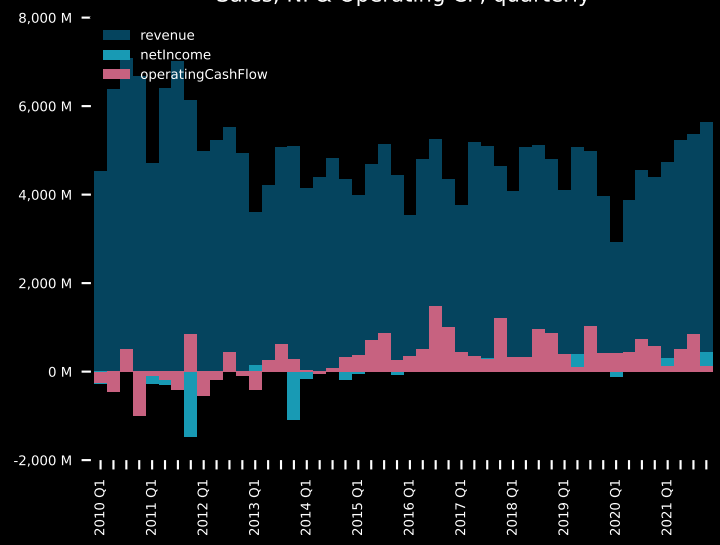


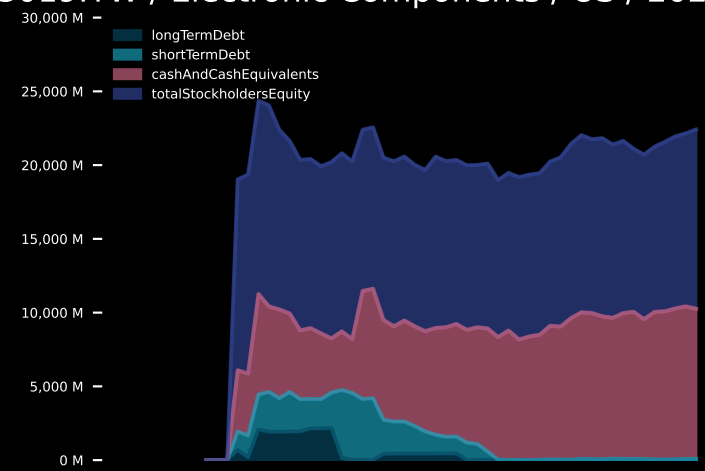


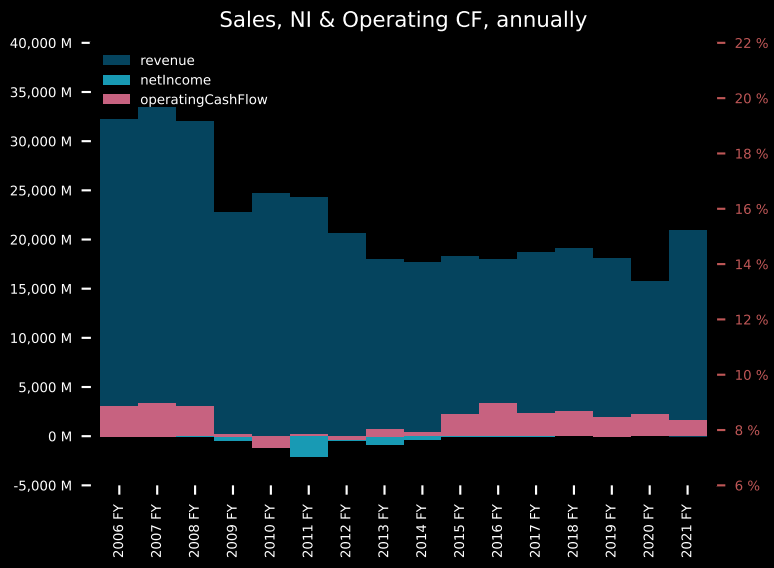


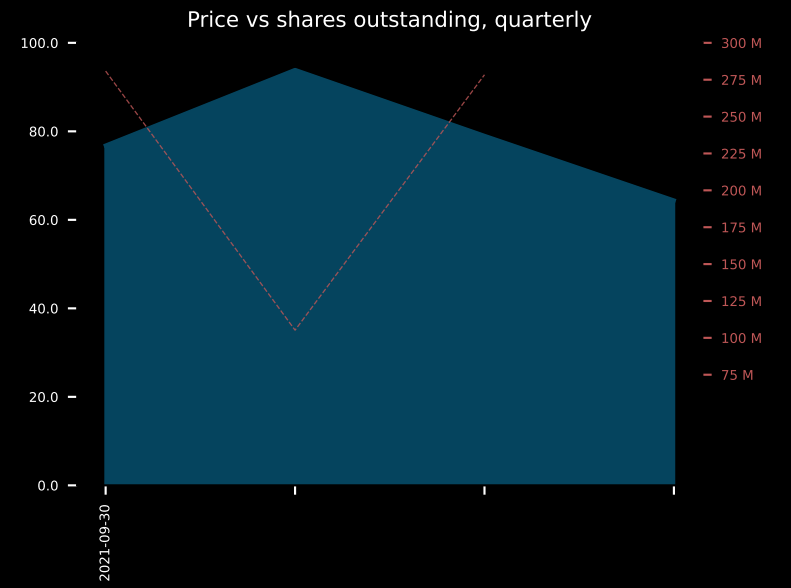


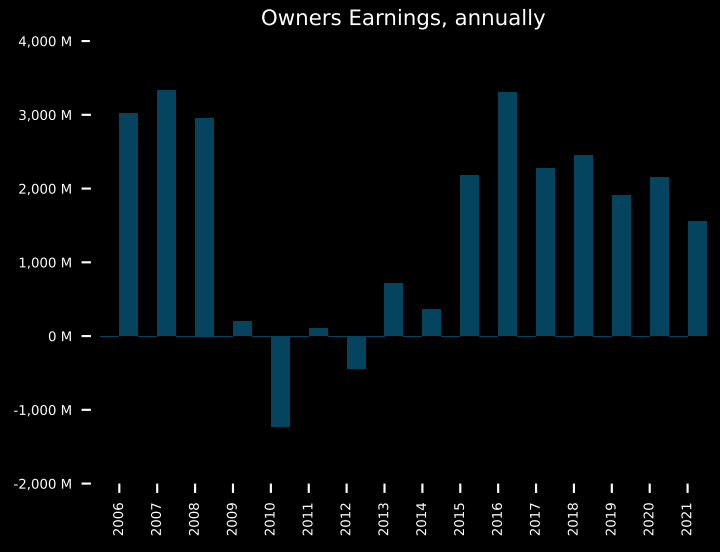
Kaimei Electronic Corp. manufactures and sells capacitors and motor fans. The company's products include conductive polymer aluminum solid, conductive polymer hybrid, and aluminum electrolytic capacitors; and DC fans, DC blowers, AC fans, and accessories. It sells its products in approximately 60 countries worldwide. The company was founded in 1978 and is based in New Taipei City, Taiwan.

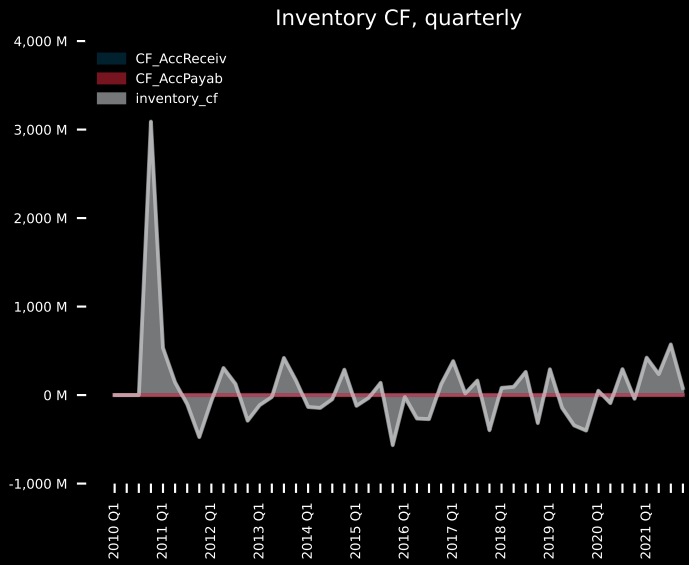






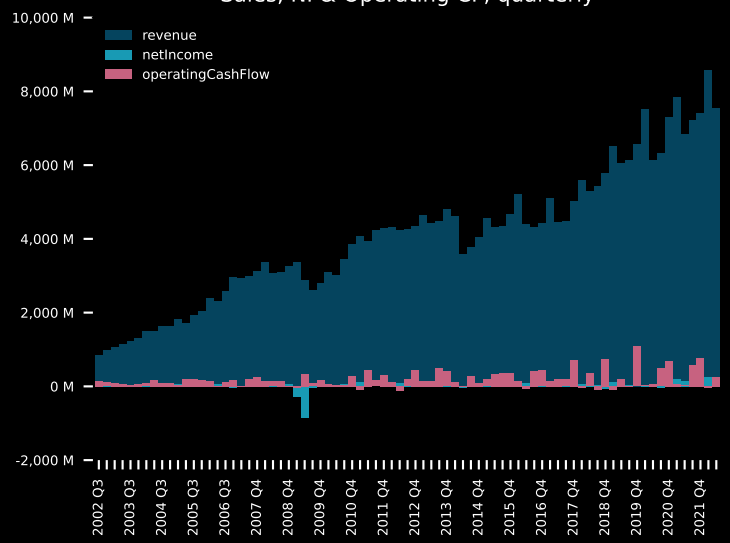


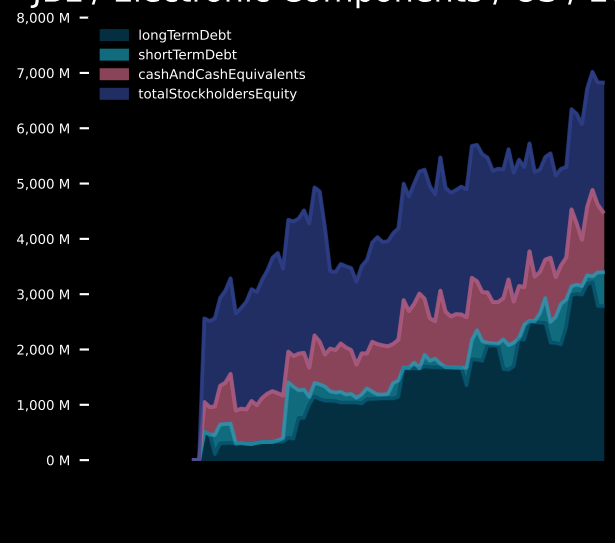


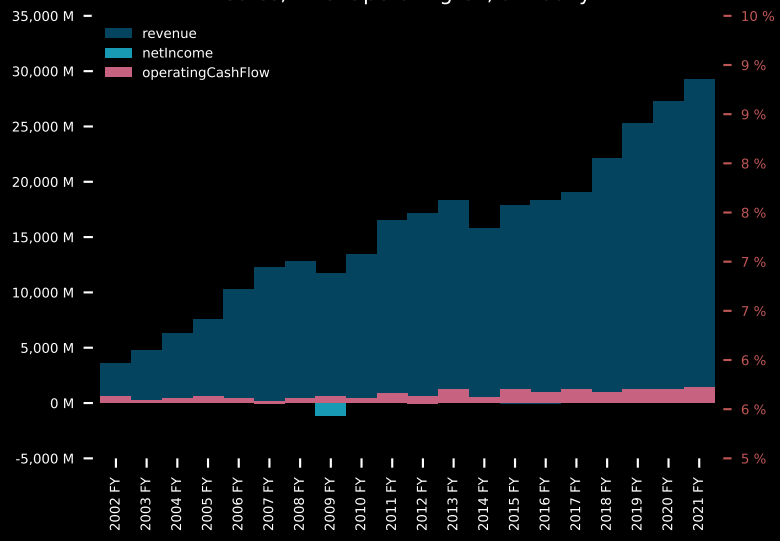


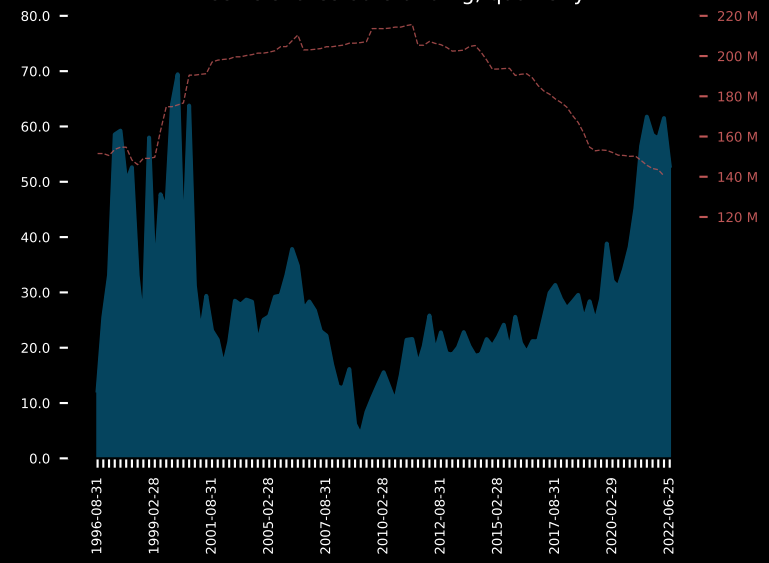
Asia Optical Co., Inc. manufactures, produces and sells cameras, riflescopes, photocopier lens, scanner lens and optical components products in Taiwan and internationally. The company offers injection molded plastic lens, precision glass molding of aspherical lens, precision coating components, glass spherical lens, and prism/flat glass lens; compact, DSC, projector, and mobile phone lens; AR and MR products; and optical communication products. It also provides compact LiDAR products; sports optics, such as laser range finder and riflescope products; automotive lens; crosszone headphones; and non-invasive vascular screening devices. In addition, the company offers tooling; precision stamping; and precision plastic products including digital cams, sport cams, multifunction copiers, microscopes, security cams, surveillance cams, projectors, automotive lens, medical equipment, video game consoles, laser rangefinders

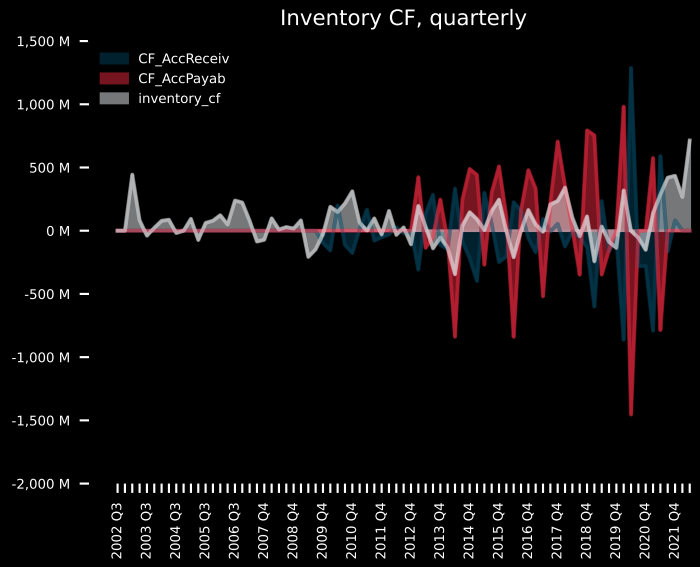
JBL / Electronic Components / US / 2022-06-25





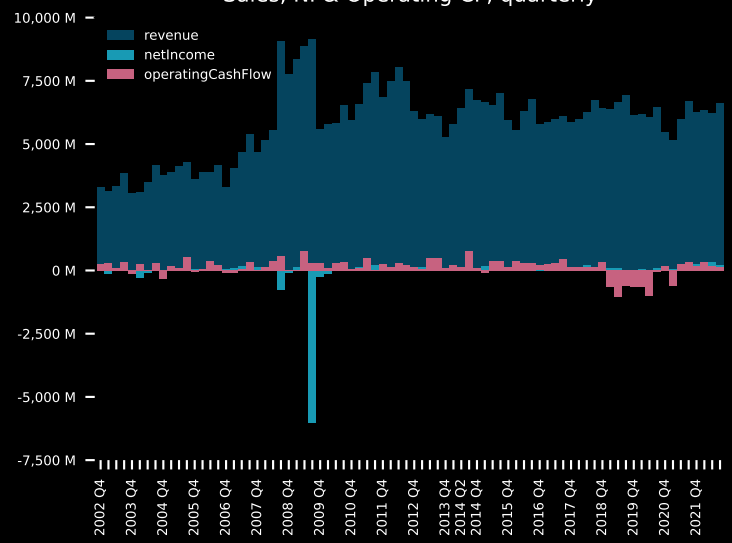


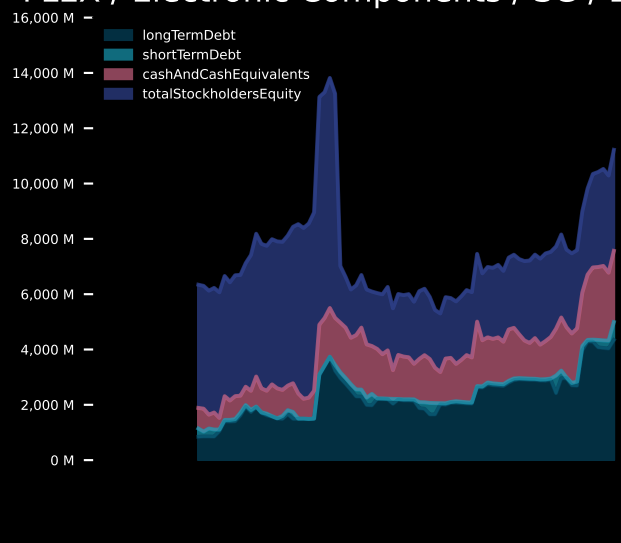


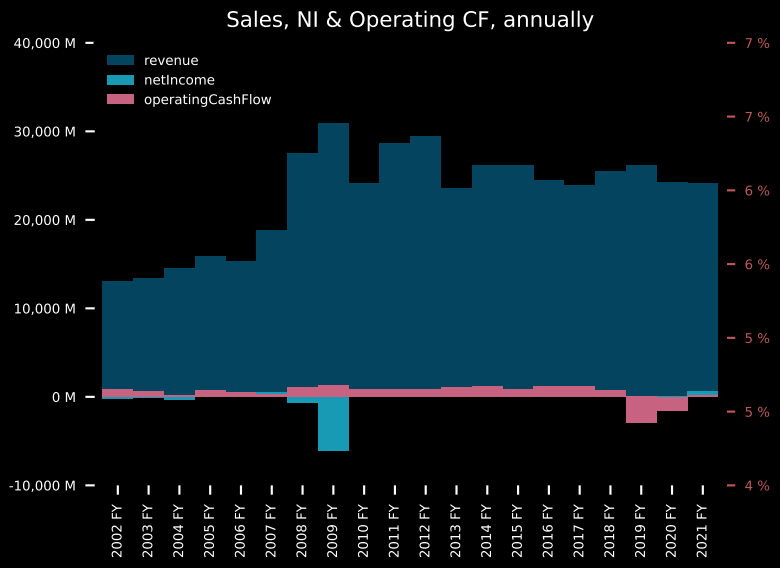


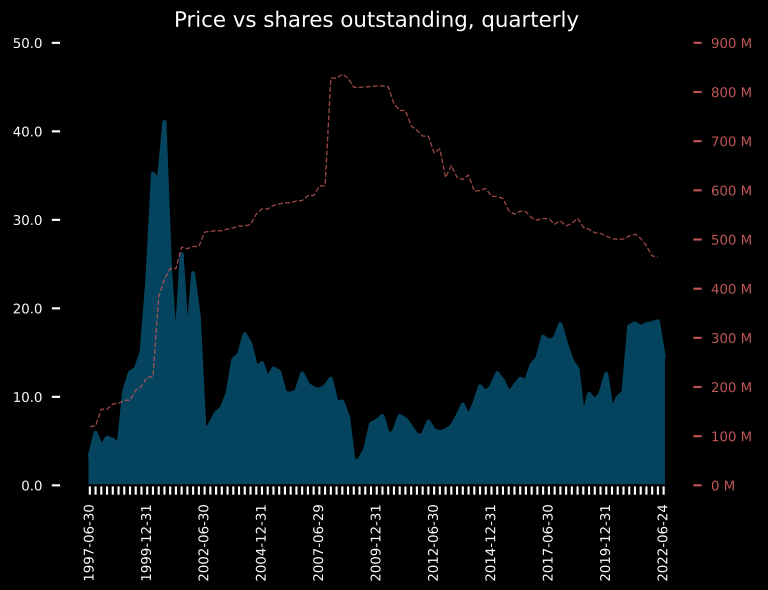
Jabil Inc. provides manufacturing services and solutions worldwide. The company operates in two segments, Electronics Manufacturing Services and Diversified Manufacturing Services. It offers electronics design, production, and product management services. The company provides electronic design services, such as application-specific integrated circuit design, firmware development, and rapid prototyping services; and designs plastic and metal enclosures that include the electro-mechanics, such as the printed circuit board assemblies (PCBA). It also specializes in the three-dimensional mechanical design comprising the analysis of electronic, electro-mechanical, and optical assemblies, as well as offers various industrial design, mechanism development, and tooling management services. In addition, the company provides computer assisted design services consisting of PCBA design, as well as PCBA design validation

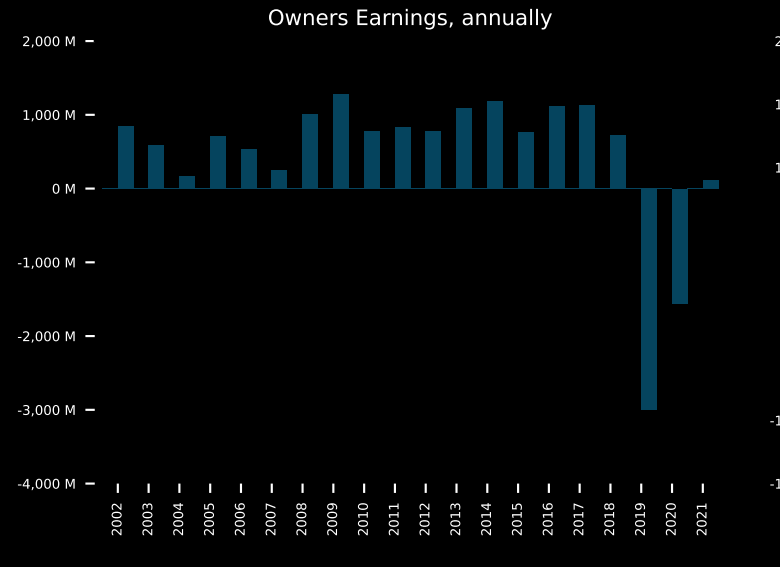
FLEX / Electronic Components / SG / 2022-06-24

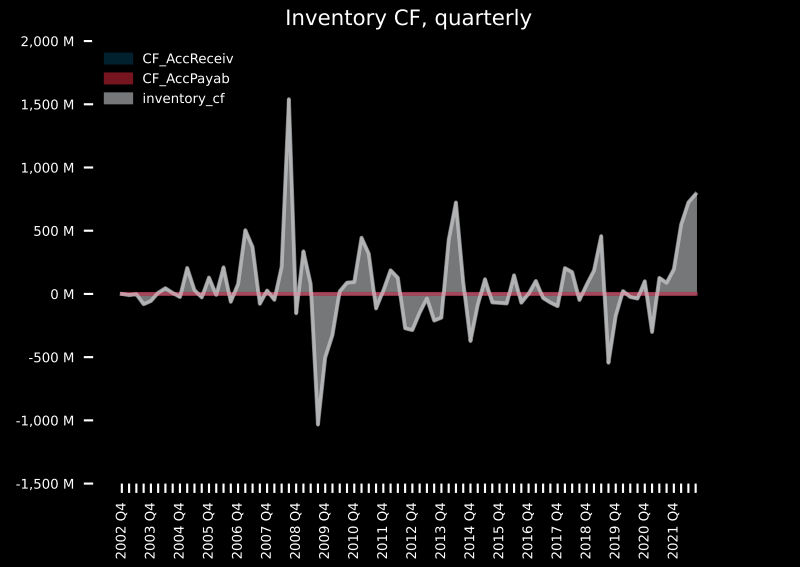




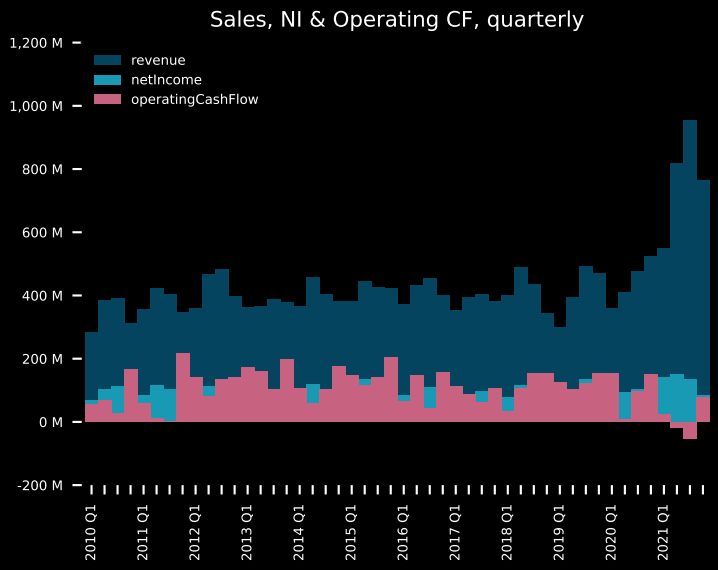


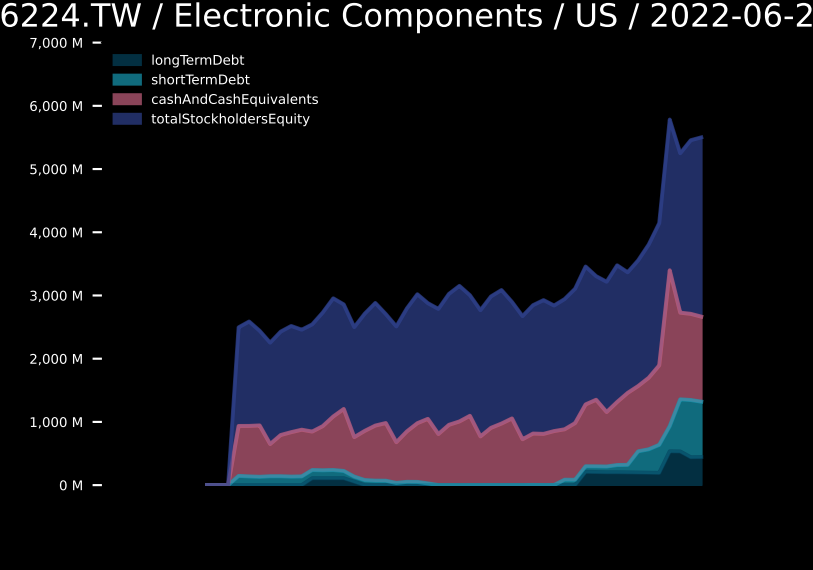


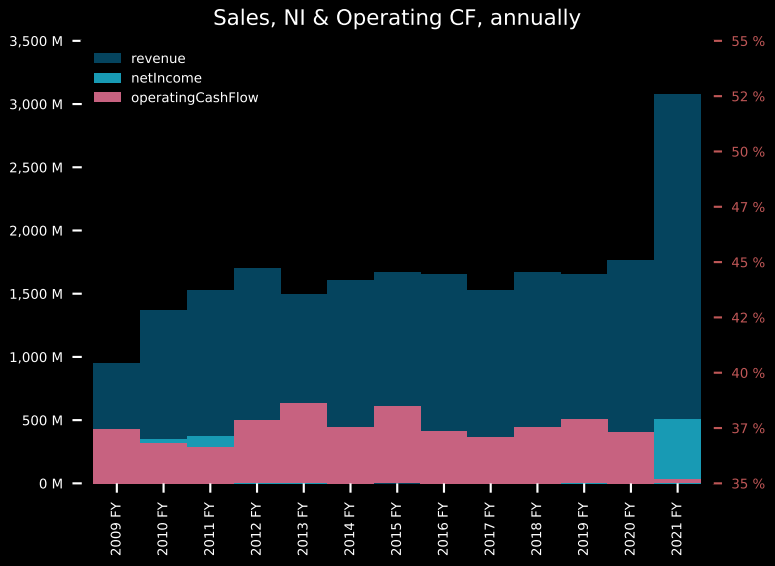


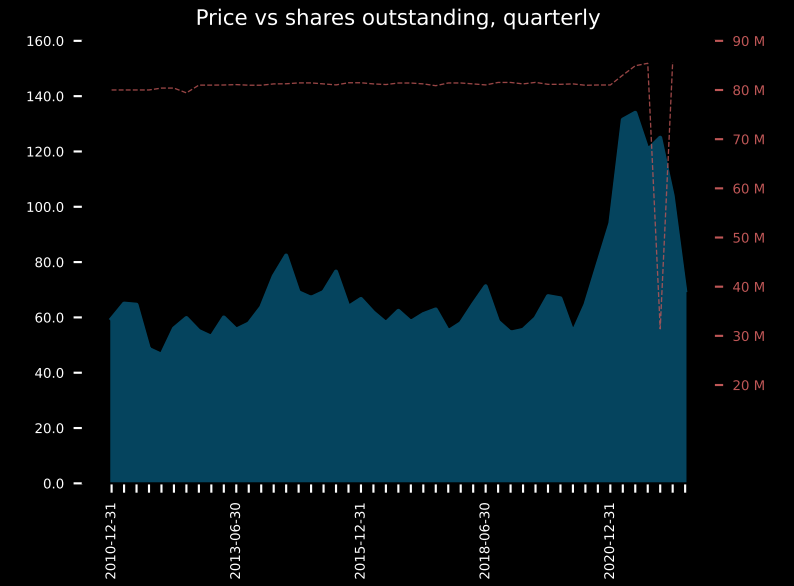


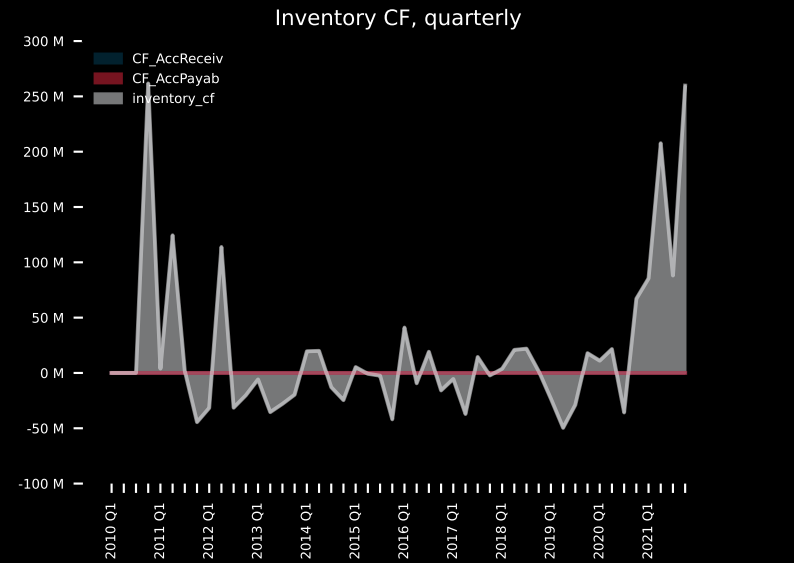
Flex Ltd. provides design, engineering, manufacturing, and supply chain services and solutions to original equipment manufacturers in Asia, the Americas, and Europe. It operates through two segments, Flex Agility Solutions (FAS) and Flex Reliability Solutions (FRS). The company provides a portfolio of technologies in electrical/electronics, electromechanical, and software; and cross-industry technologies, including human machine interface, audio and video, system in package, miniaturization, IoT platforms, and power management. It also designs and integrates advanced data center servers, storage and networking equipment, and data center appliances. In addition, the company provides value-added design and engineering services; and systems assembly and manufacturing services that include enclosures, testing services, and materials procurement and inventory management services. Further, it offers chargers for smartphones



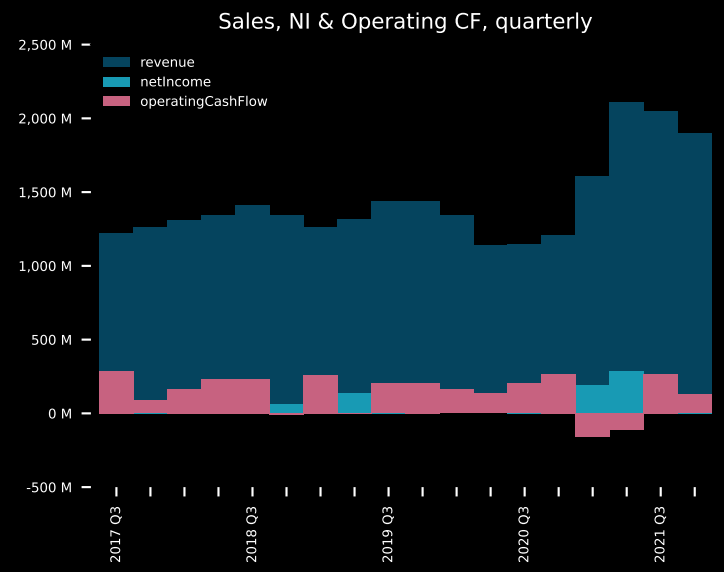


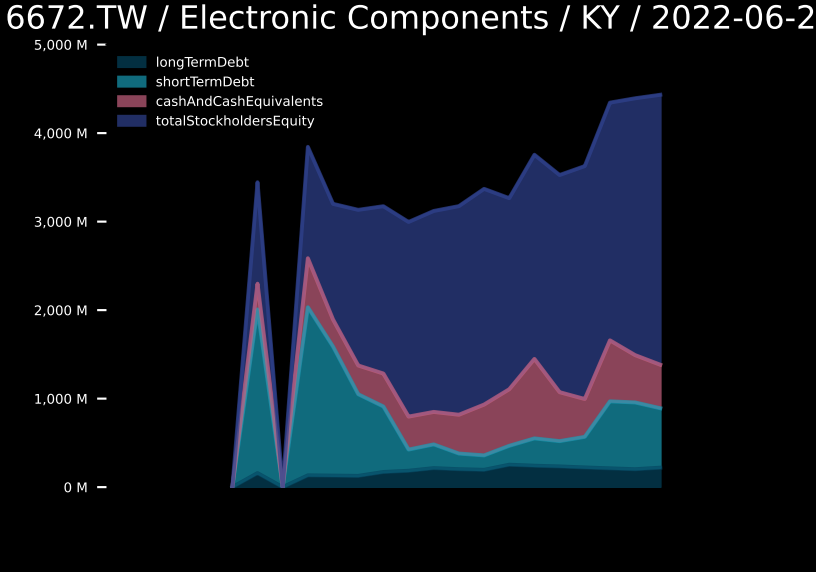


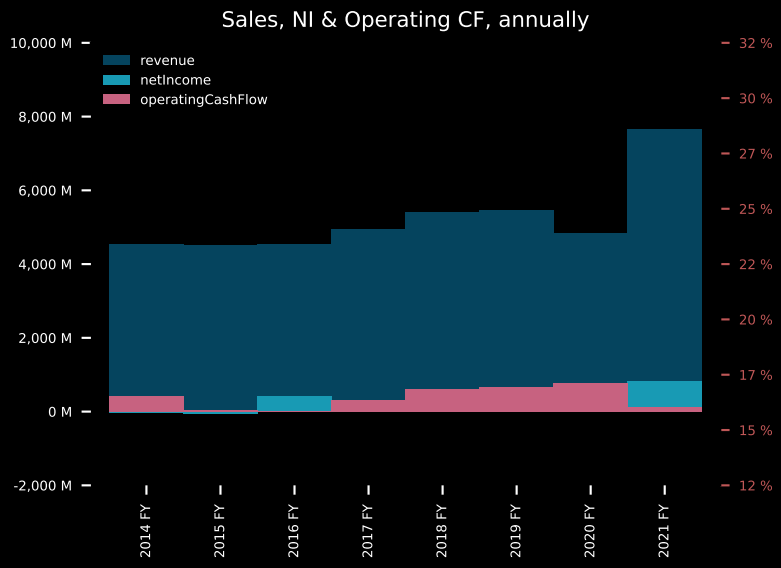


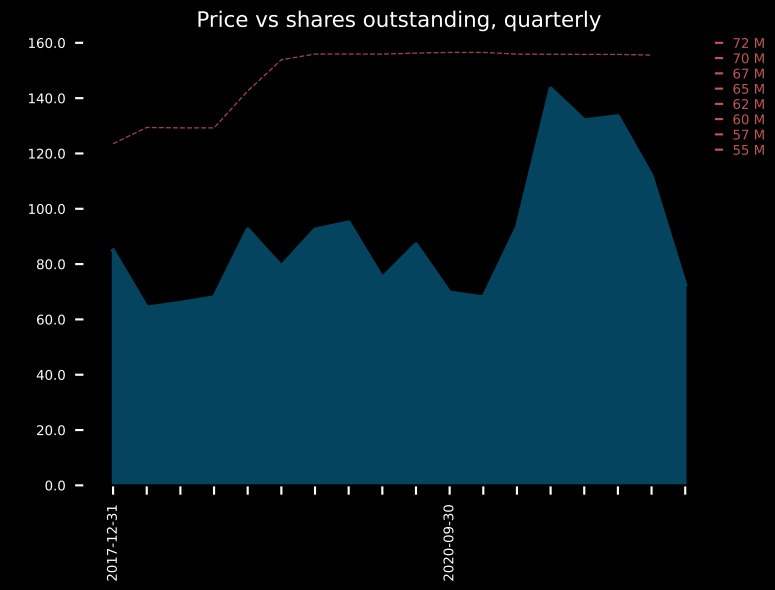


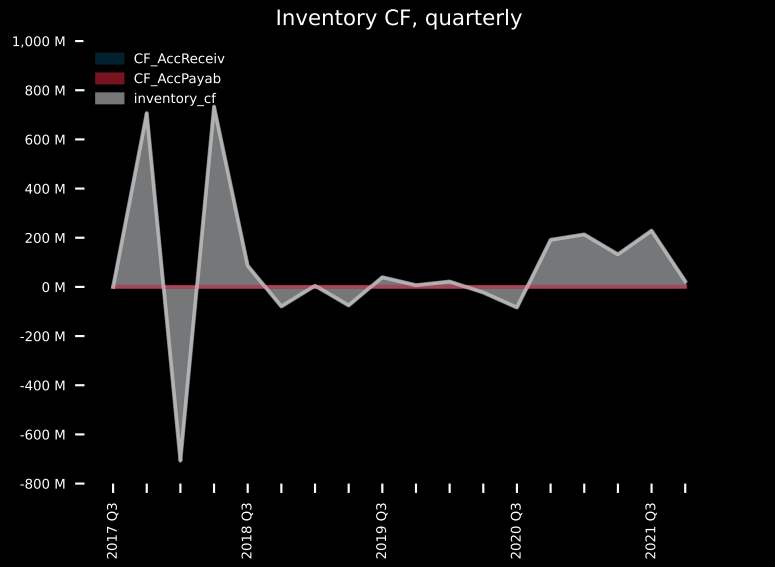
Polytronics Technology Corp. engages in the research, development, manufacture, and sale of circuit protection and thermal management devices for high-density electronics systems. It provides EVERFUSE polymeric positive temperature coefficient products, including surface-mount devices for computers, portable electronics, game consoles, telephony and broadband products, mobile phones, industrial controls, batteries, and multimedia products; radial-leaded devices for AC/DC adapters, power supply products, USB hubs and accessories, computer accessories and related applications, medical equipment, industrial controls, and automotive and motor protection products; and battery device products for mobile phones, laptops and netbooks, PDAs, portable multimedia players, MP3s, and game consoles. The company also offers telecom products for xDSL, VoIP, MDF module, Ethernet, and telecom











Ventec International Group Co., Ltd. designs, develops, manufactures, and sells copper clad laminates and prepreg bonding materials. The company's products include standard FR4, lead free assembly, halogen free products, tec-thermal/thermal management and insulated metal substrate, polyimide, tec-speed/signal integrity and high frequency products, flex/flex rigid products, plastic interleaver and release film consumables, drill entry and exit material, copper foils and ACF, and masslam and drill products, as well as products for special applications. Its products are used for the fabrication of various printed circuit board and associated applications. In addition, the company engages in the general investment and international trade business. Further, it operates in China, the United Kingdom, the United States, Germany, and Taiwan. Ventec International Group Co., Ltd. was founded in 2000 and is headquartered in

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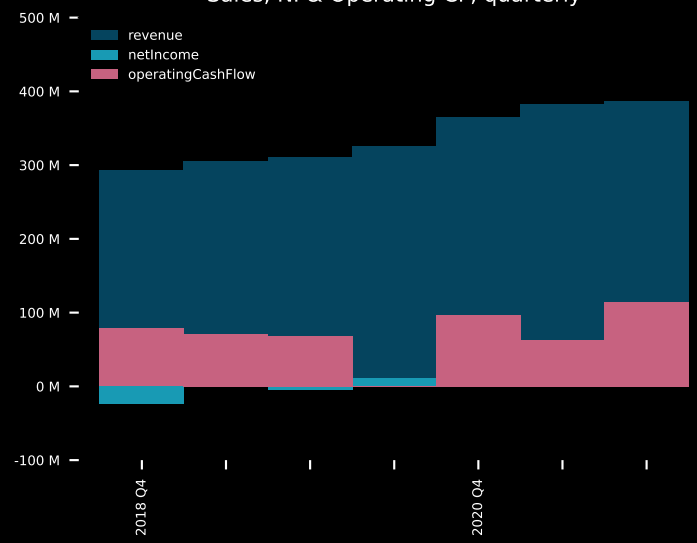
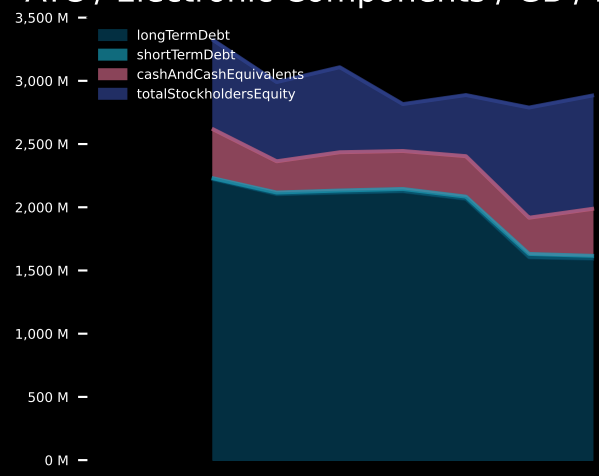
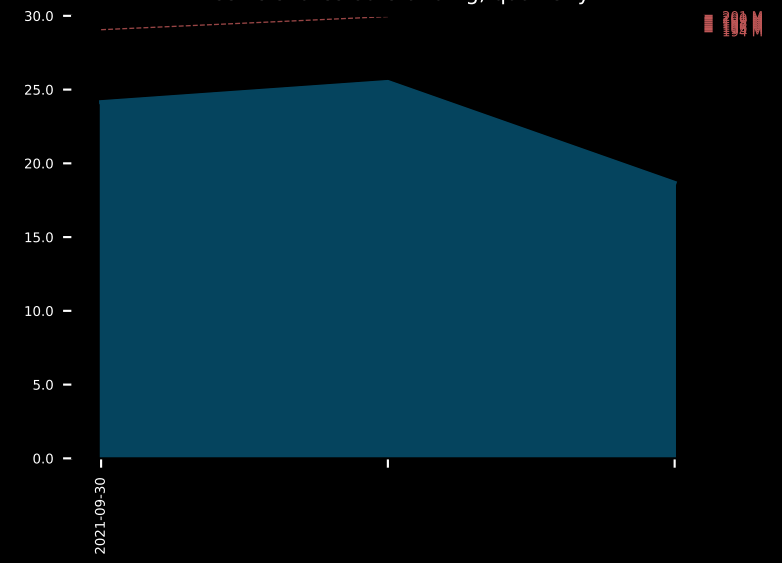
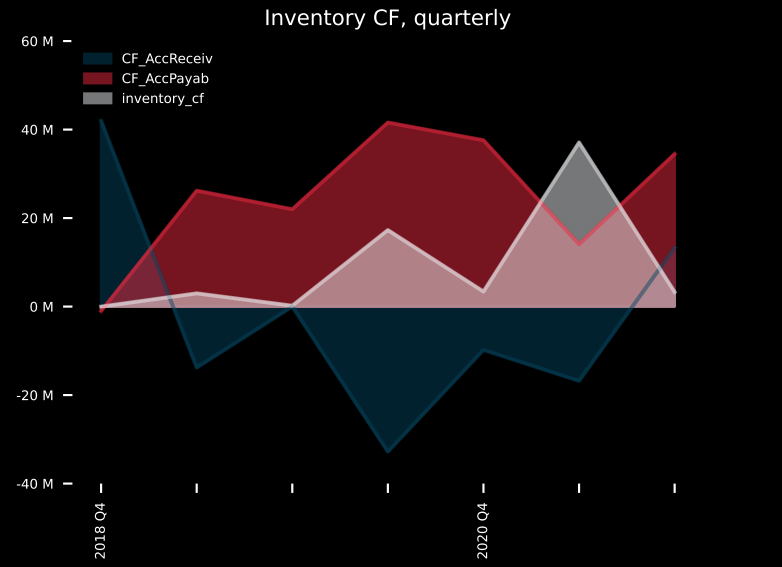
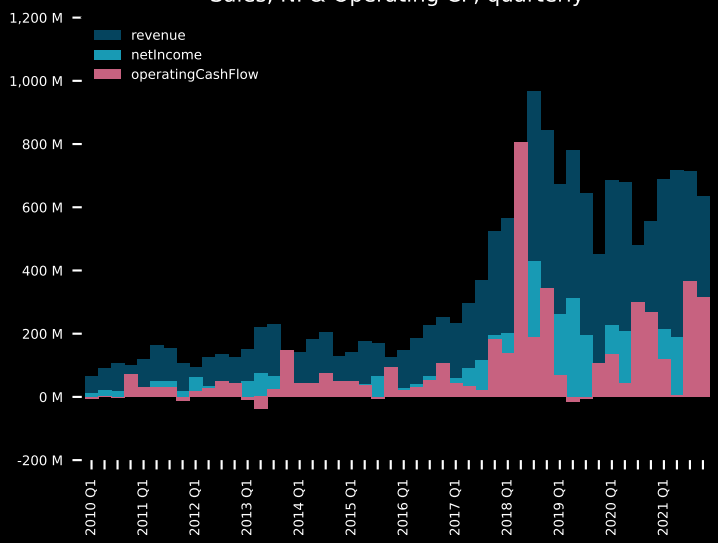


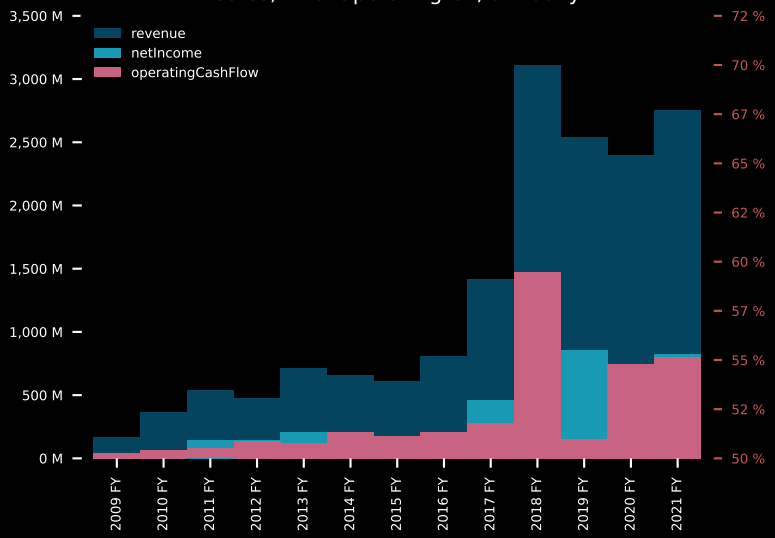


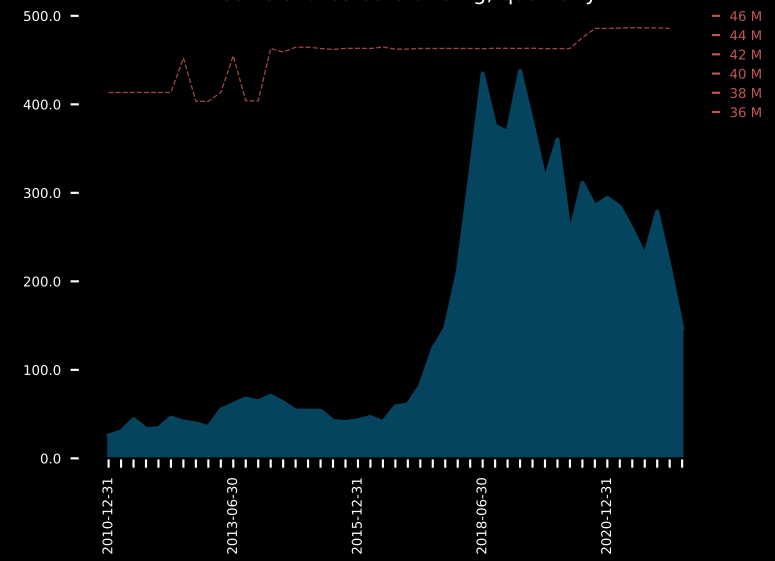


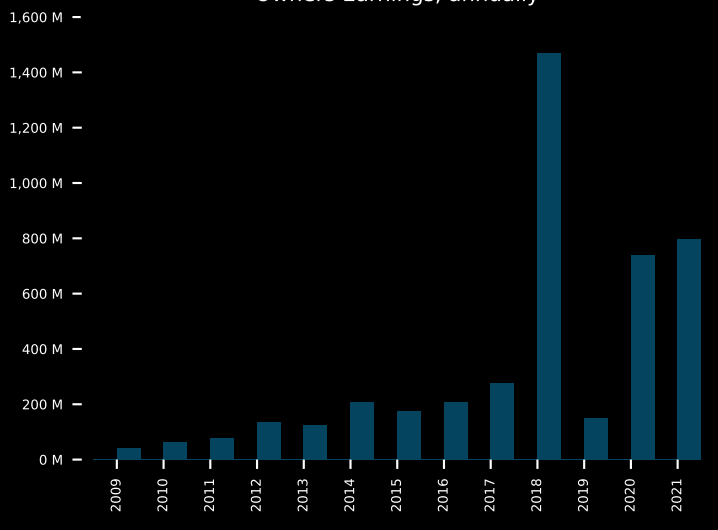


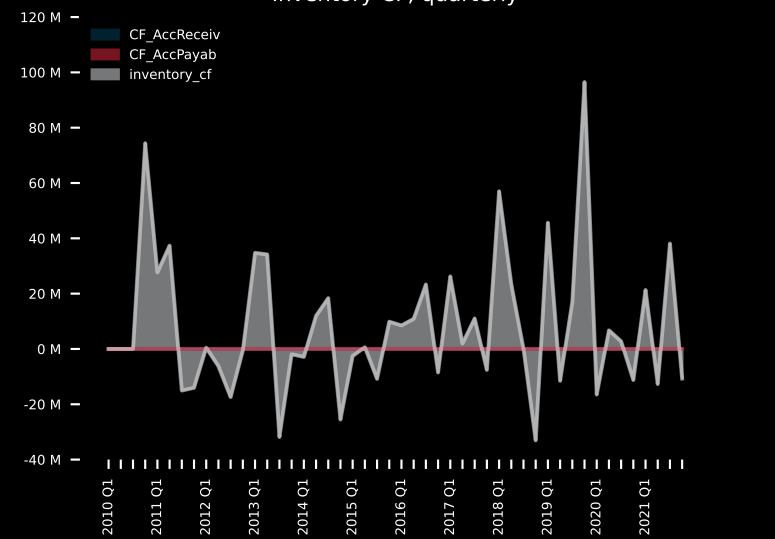
Atotech Limited, a chemicals technology company, provides specialty electroplating and surface finishing solutions worldwide. The company operates through two segments, Electronics (EL) and General Metal Finishing (GMF). The EL segment manufactures and supplies chemistry, production equipment, software, and services to the electronics industry, which include printed circuit board manufacturers, package substrate makers, and semiconductor companies. Its products and technologies serve the principal electronics end-markets, including communication, computer, automotive, industrial, medical, aerospace, and military industries. The GMF segment provides chemistry, production technology, and services to the surface finishing industries in various areas of application. Its products and technologies serve the primary surface finishing end-markets comprising the automotive, consumer electronics



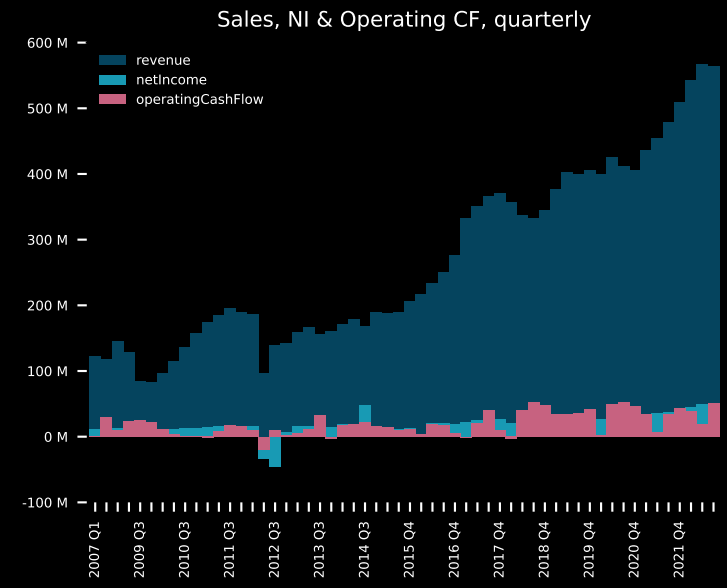


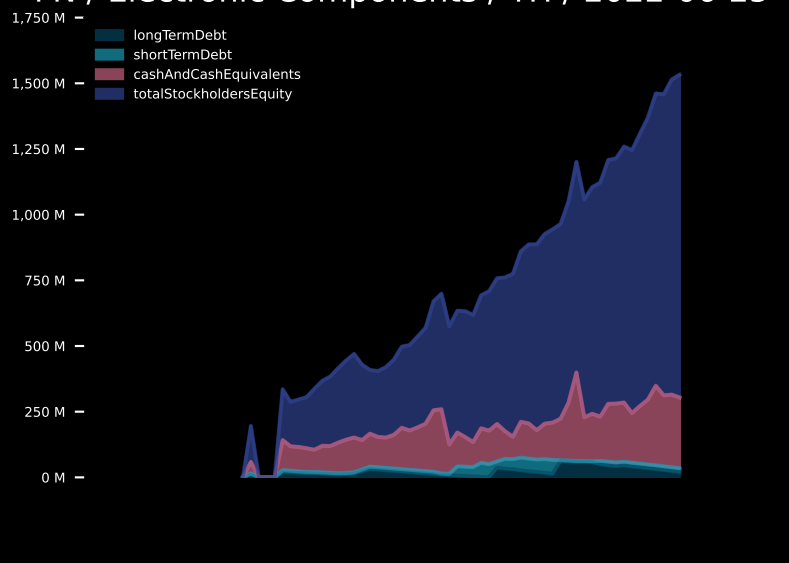


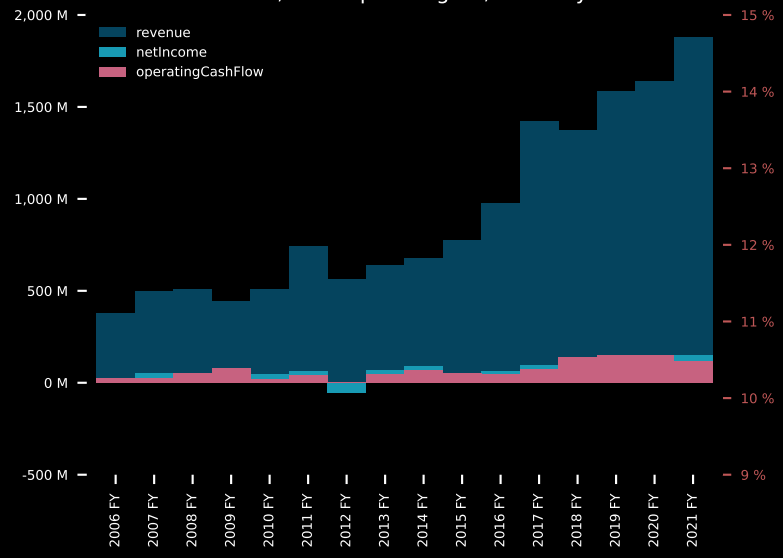


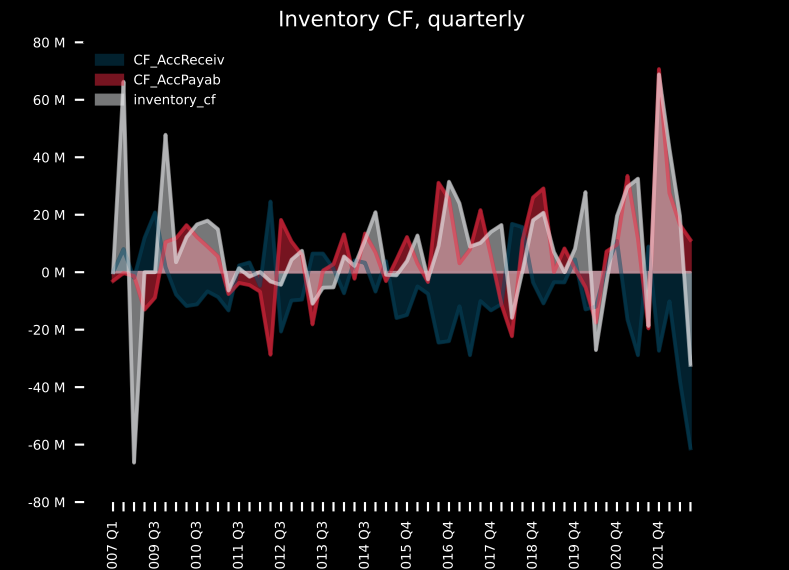


Machvision Inc. develops and sells machine vision systems for semiconductor and printed circuit board (PCB) industry in Taiwan. The company provides drilling and routing measuring series products, including Hole-AOI systems that measure the position, diameter, and roughness of a drilled hole; and EZ3D system, which is designed to perform automatic and accurate dimensional measuring systems. It also offers IC substrate, HDI, and FPCB inspection and measuring series products, such as 3D AOI systems, solid measuring viewers, and LaserVia AOIM inspection systems; AFI, FPCB AVI, and Wafer AVI inspecting systems; and CSPAFI integrating AOI+AVI algorithm and fast-capturing-multi-illumination optical systems. In addition, the company provides wiring inspection series, which includes circuit AOI system for PCB/FPC, verification, and repair; ArtWork AOI products; LineGauge systems for use in optical



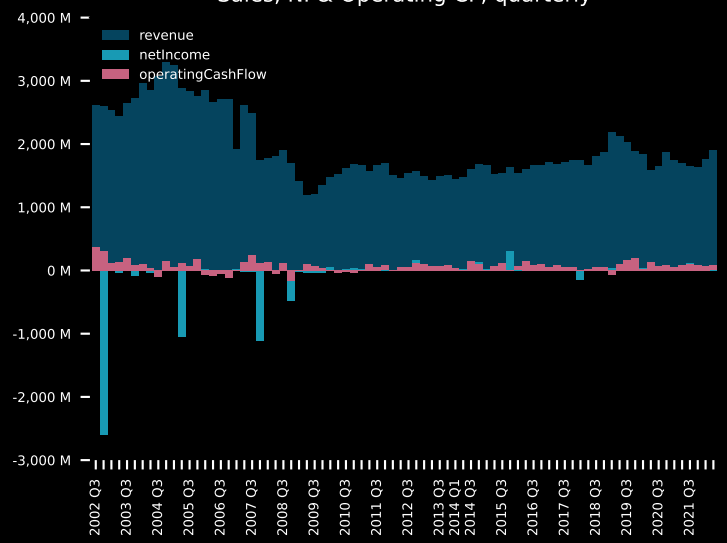


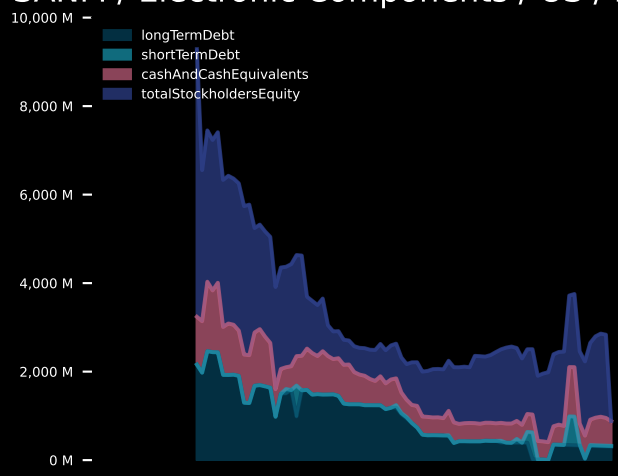


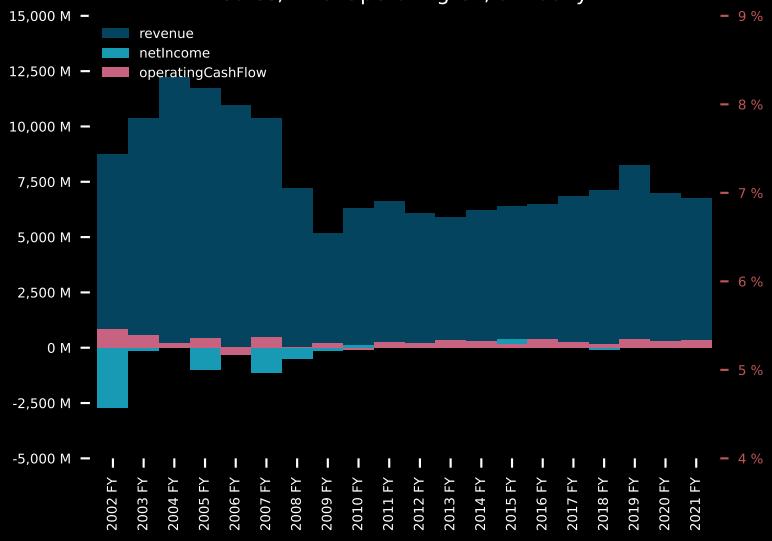


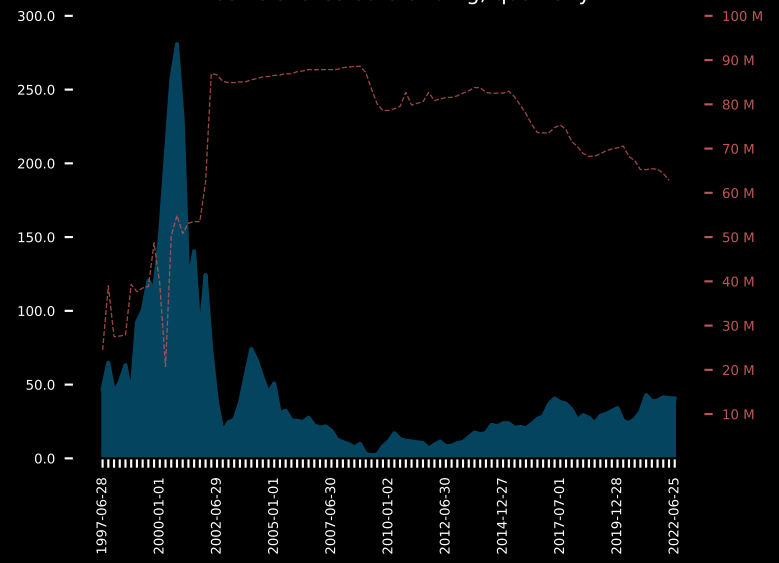
Fabrinet provides optical packaging and precision optical, electro-mechanical, and electronic manufacturing services in North America, the Asia-Pacific, and Europe. The company offers a range of advanced optical and electro-mechanical capabilities in the manufacturing process, including process design and engineering, supply chain management, manufacturing, printed circuit board assembly, advanced packaging, integration, final assembly, and testing. Its products include switching products, including reconfigurable optical add-drop multiplexers, optical amplifiers, modulators, and other optical components and modules that enable network managers to route voice, video, and data communications traffic through fiber optic cables at various wavelengths, speeds, and over various distances. The company's products also comprise tunable lasers, transceivers, and transponders; and active optical cables, which

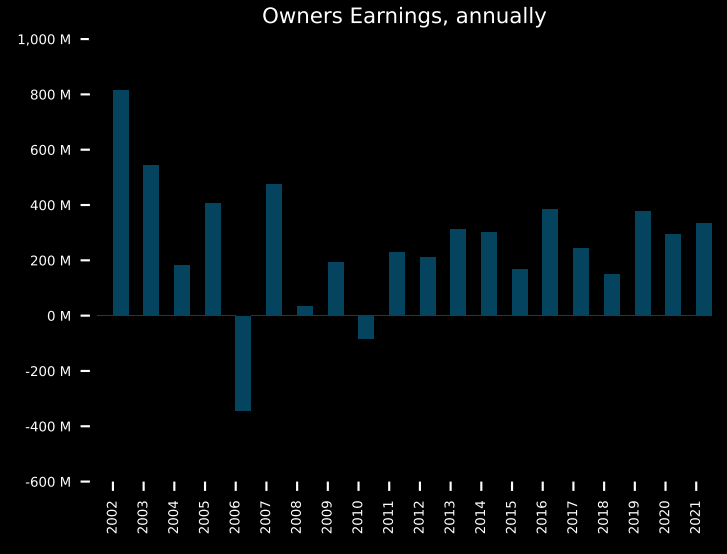
SANM / Electronic Components / US / 2022-06-25

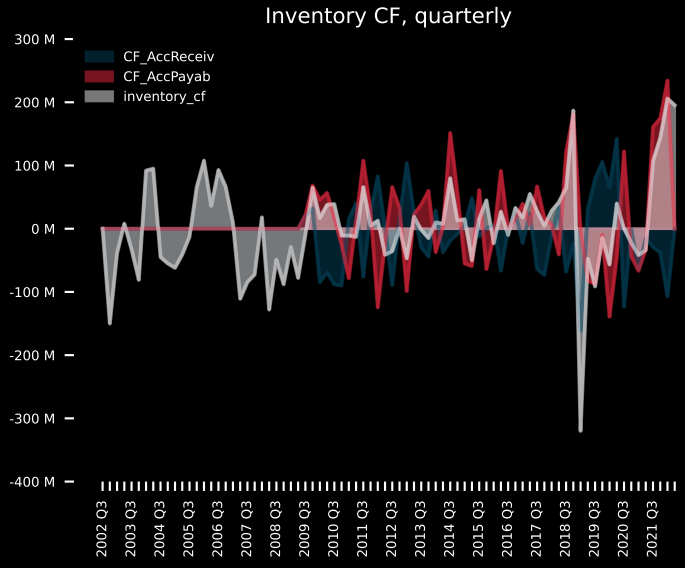






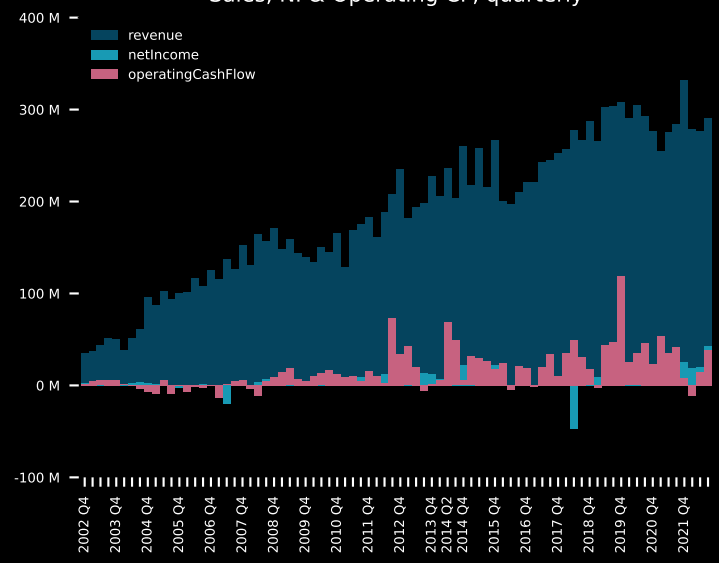


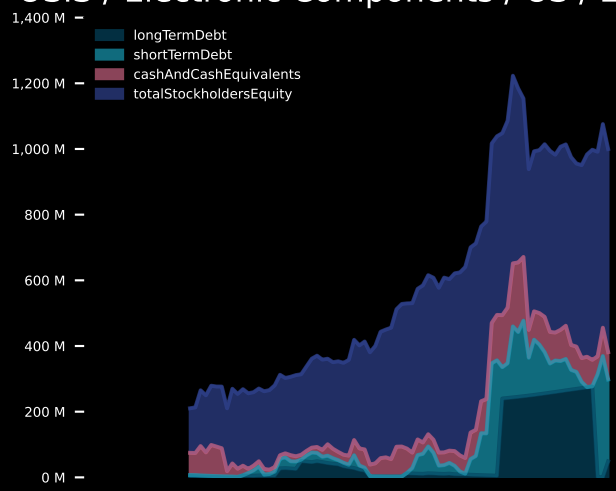


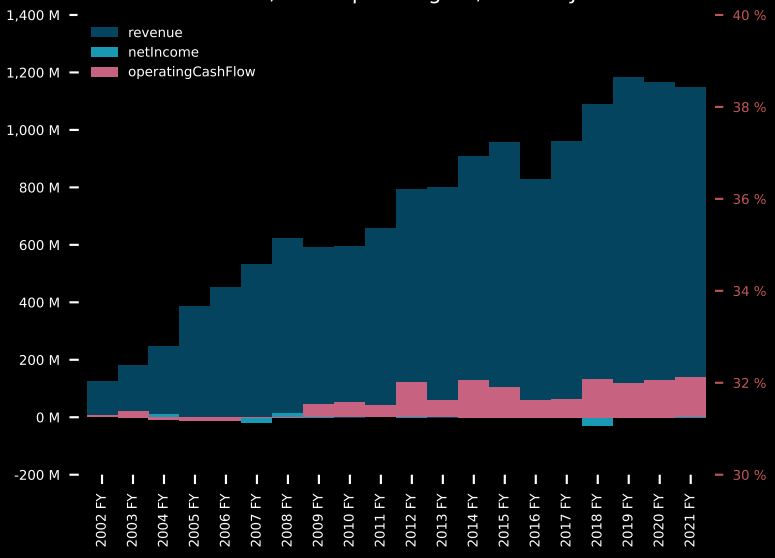


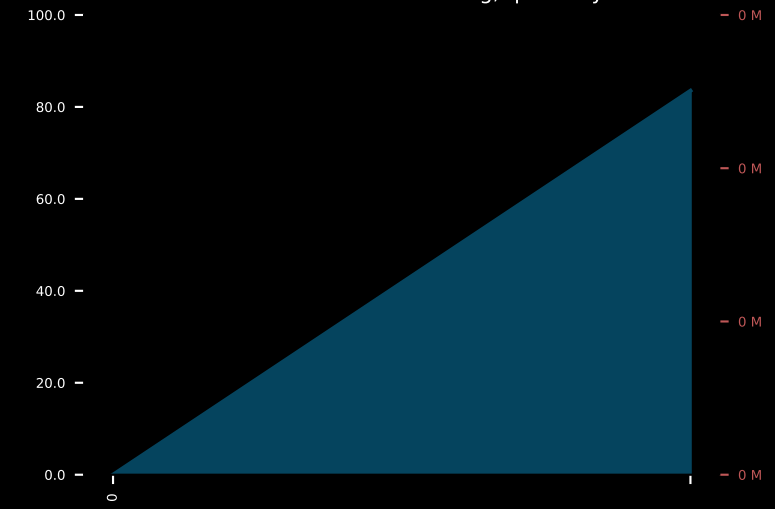
Sanmina Corporation provides integrated manufacturing solutions, components, products and repair, logistics, and after-market services worldwide. It operates in two businesses, Integrated Manufacturing Solutions; and Components, Products and Services. The company offers product design and engineering, including concept development, detailed design, prototyping, validation, preproduction, manufacturing design release, and product industrialization; assembly and test services; direct order fulfillment and logistics services; after-market product service and support; and supply chain management services, as well as engages in the manufacturing of components, subassemblies, and complete systems. In addition, the company provides interconnect systems, such as printed circuit board fabrication, backplane, cable assemblies, and plastic injection moldings; mechanical systems comprising enclosures and

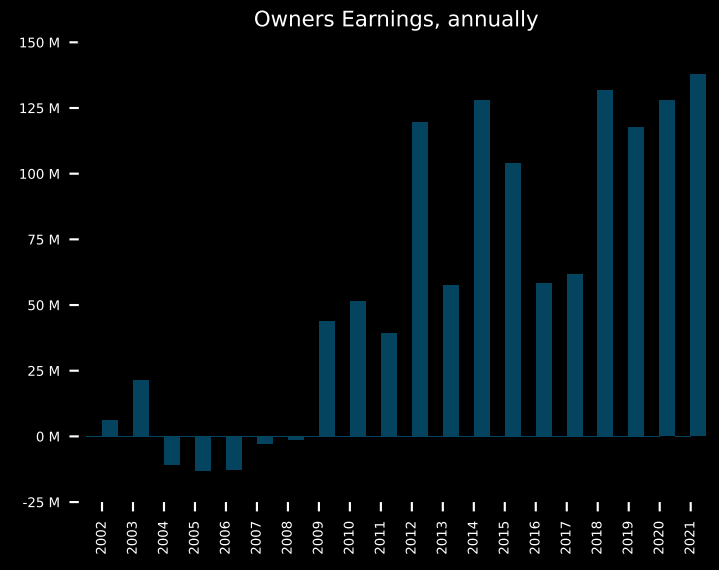
OSIS / Electronic Components / US / 2022-06-25

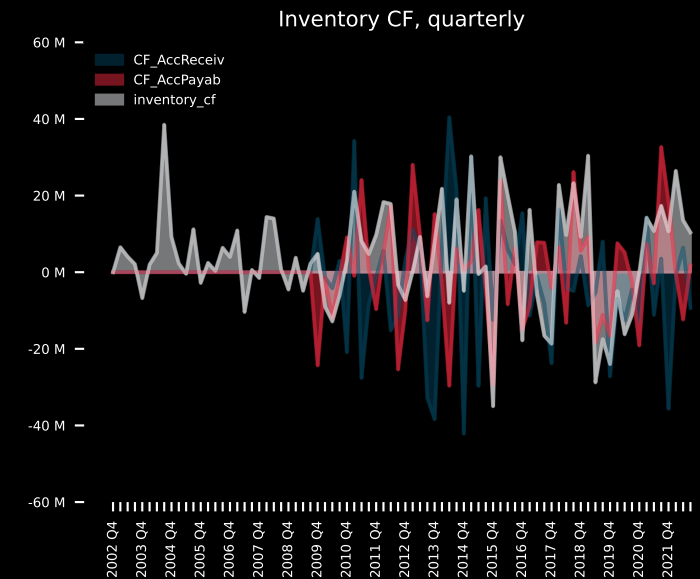








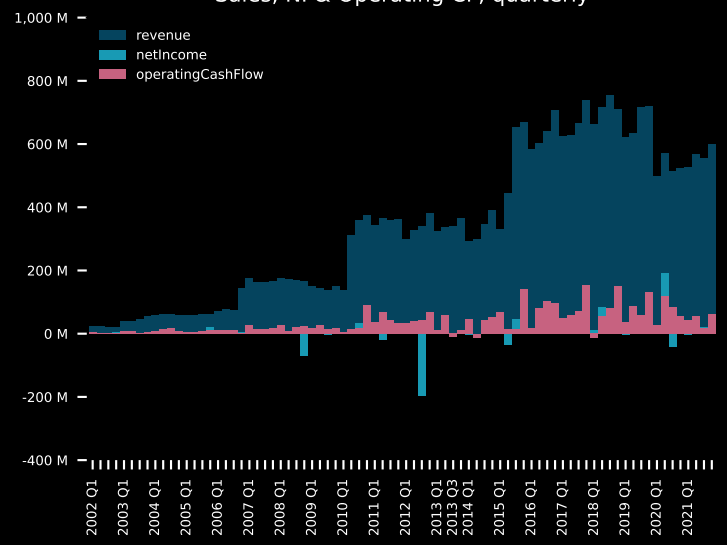


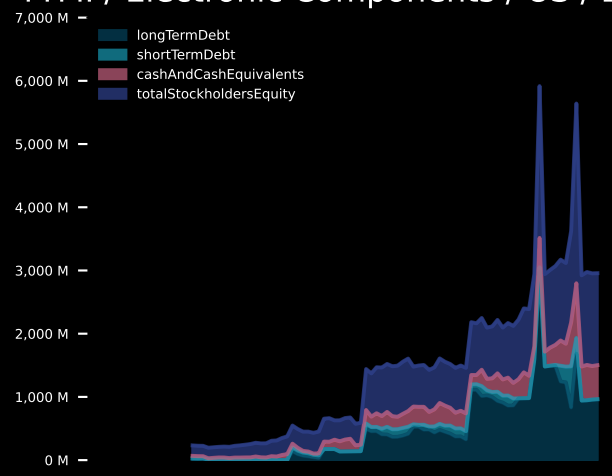


OSI Systems, Inc. designs, manufactures, and sells electronic systems and components worldwide. It operates through three segments: Security, Healthcare, and Optoelectronics and Manufacturing. The Security segment offers baggage and parcel inspection, cargo and vehicle inspection, radiation detection, hold baggage and people screening, and explosive and narcotics trace detection systems under the Rapiscan Systems and AS&E names. It also provides site design, installation, training, and technical support services; and security screening solutions under the S2 name. The Healthcare segment offers patient monitoring and diagnostic cardiology systems, and related supplies and accessories under the Spacelabs name for use in critical care, emergency, and perioperative areas within hospitals, physicians' offices, medical clinics, and ambulatory surgery centers. The Optoelectronics and Manufacturing segment

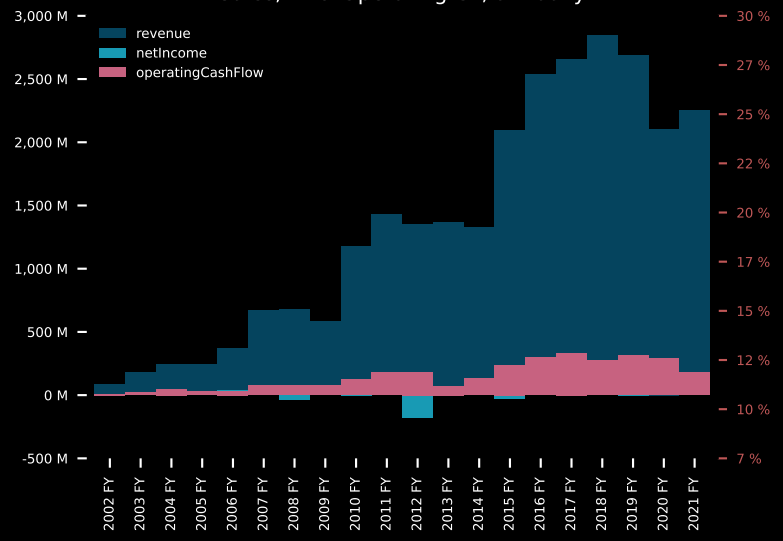
TTMI / Electronic Components / US / 2022-06-25

Sales, NI & Operating CF, quarterly

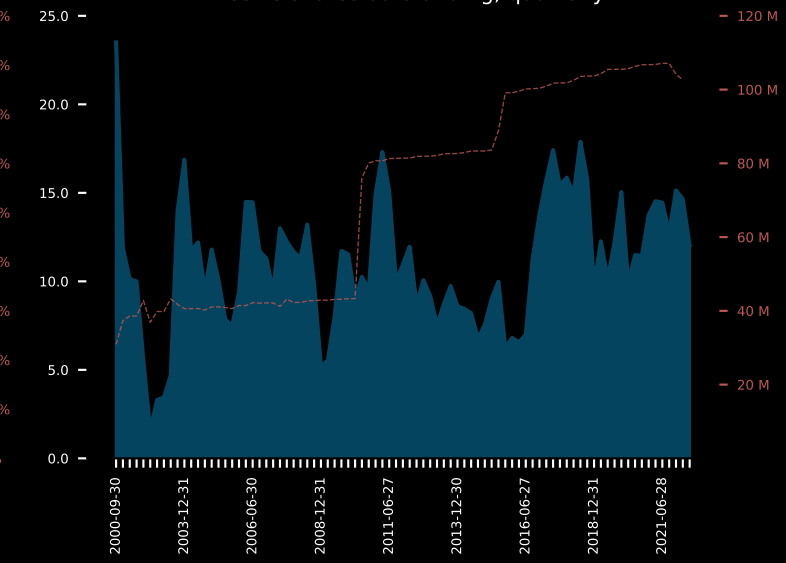




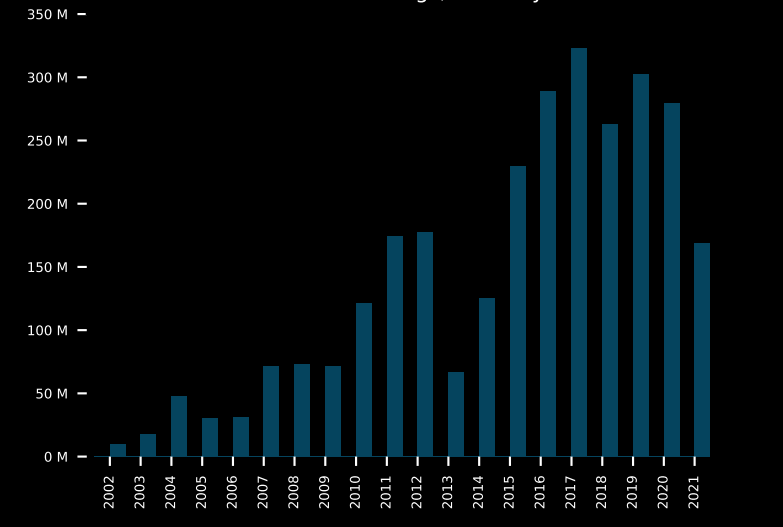
Sales, NI & Operating CF, annually



Price vs shares outstanding, quarterly

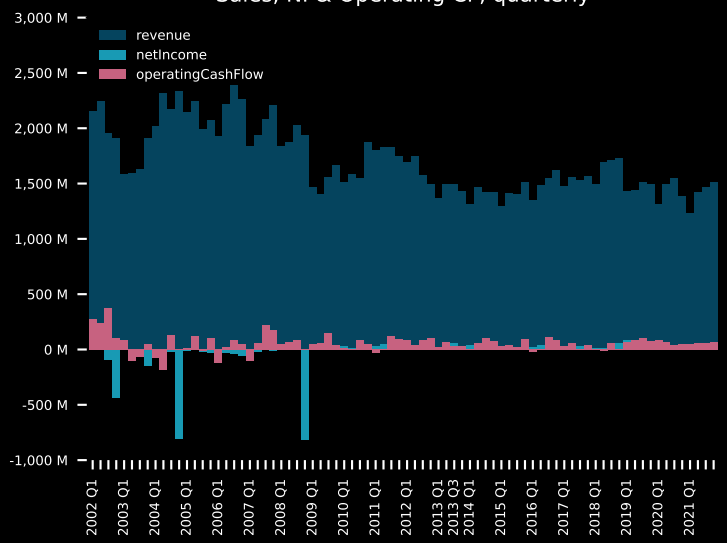


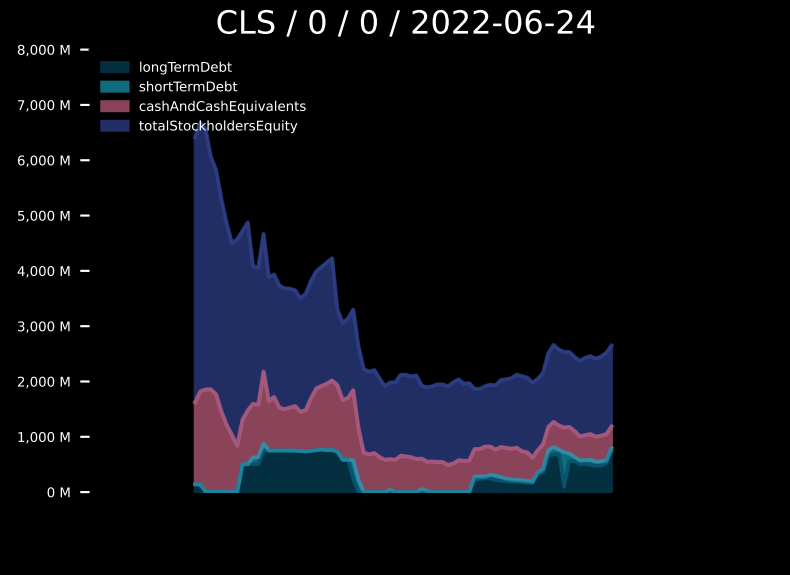
Owners Earnings, annually

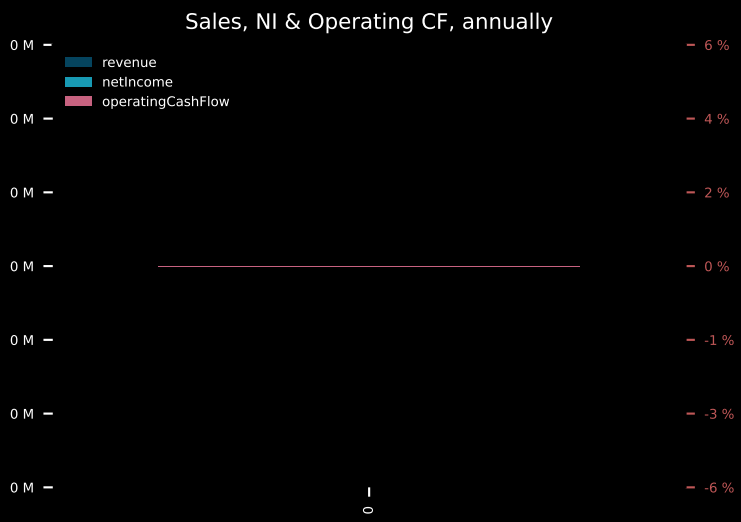


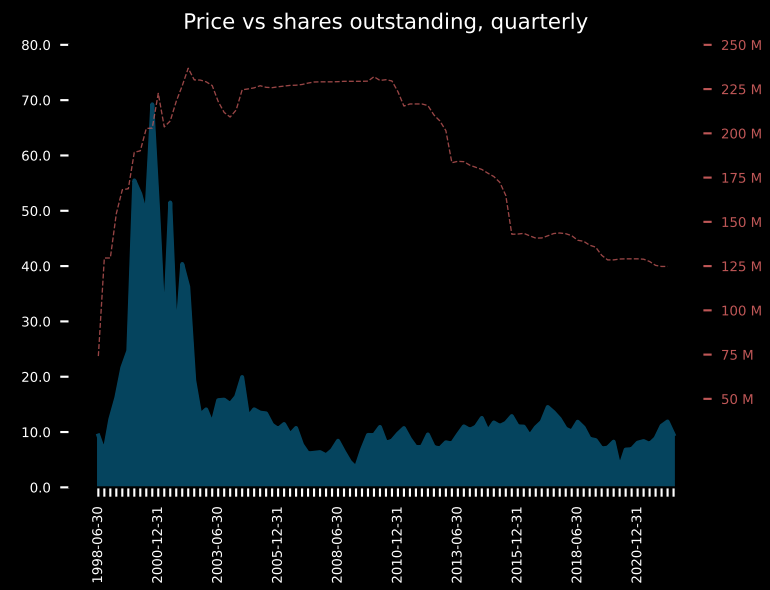
Inventory CF, quarterly

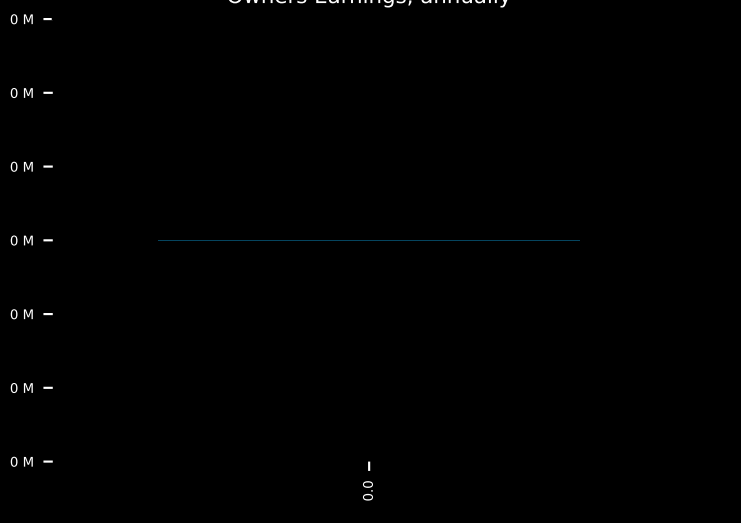
TTM Technologies, Inc., together with its subsidiaries, engages in the manufacture and sale of printed circuit boards (PCBs) worldwide. The company operates in two segments, PCB and RF&S Components. It offers PCB products, radio frequency (RF) components, conventional PCBs, RF and microwave circuits, high density interconnect PCBs, substrate-like PCBs, flexible PCBs, rigid-flex PCBs, custom assemblies and system integration products, IC substrates, passive RF components, advanced ceramic RF components, multi-chip modules, and beamforming and switching networks. The company also produces printed circuits with heavy copper cores, as well as embedded and press-fit coins; PCBs with electrically passive heat sinks; and PCBs with electrically active thermal cores. In addition, it offers value-added services, including RF design to specification capability, design for manufacturability, PCB layout design, simulation and

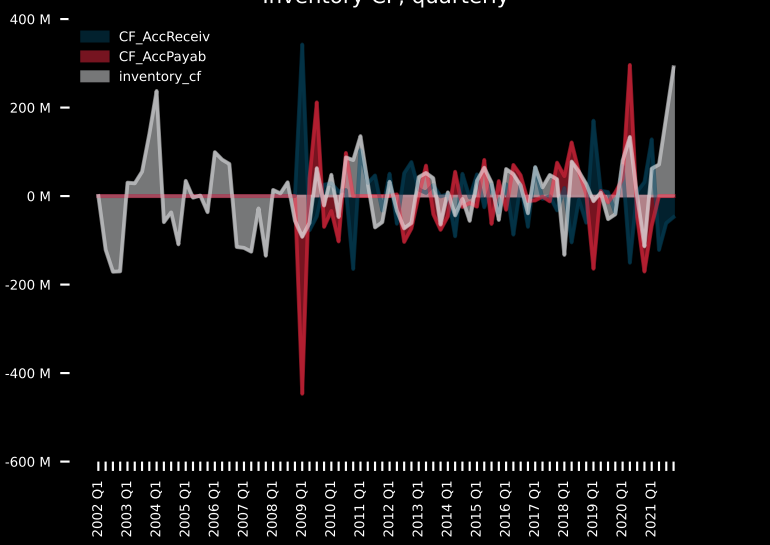

Sales, NI & Operating CF, quarterly
revenue
netIncome
operatingCashFlow
3,000 M
2,500 M
2,000 M
1,500 M
1,000 M
500 M
0 M
-500 M
-1,000 M
2002 Q1
2003 Q1
2004 Q1
2005 Q1
2006 Q1
2007 Q1
2008 Q1
2009 Q1
2010 Q1
2011 Q1
2012 Q1
2013 Q1
2013 Q3
2014 Q1
2015 Q1
2016 Q1
2017 Q1
2018 Q1
2019 Q1
2020 Q1
2021 Q1


CLS / 0 / 0 / 2022-06-24
longTermDebt
shortTermDebt
cashAndCashEquivalents
totalStockholdersEquity
8,000 M
7,000 M
6,000 M
5,000 M
4,000 M
3,000 M
2,000 M
1,000 M
0 M

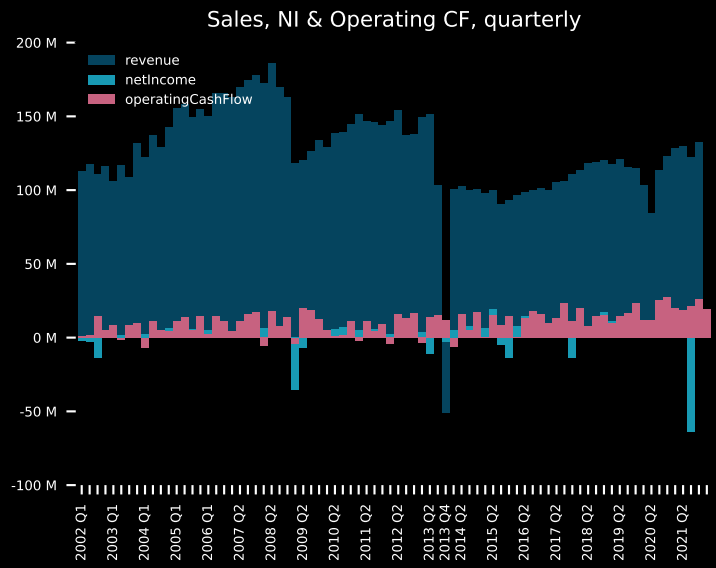

Sales, NI & Operating CF, annually
revenue
netIncome
operatingCashFlow
0 M
6 %
4 %
2 %
0 %
-1 %
-3 %
-6 %
0

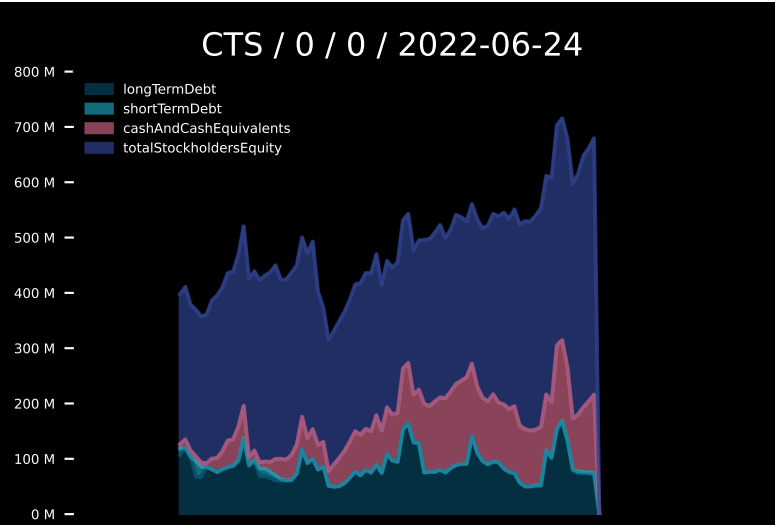

Price vs shares outstanding, quarterly
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
250 M
225 M
200 M
175 M
150 M
125 M
100 M
75 M
50 M
1998-06-30
2000-12-31
2003-06-30
2005-12-31
2008-06-30
2010-12-31
2013-06-30
2015-12-31
2018-06-30
2020-12-31

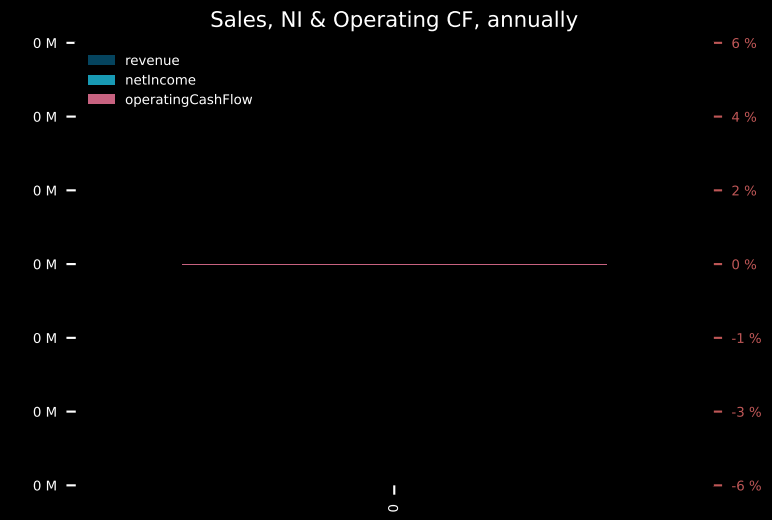

Owners Earnings, annually
0 M
0.0

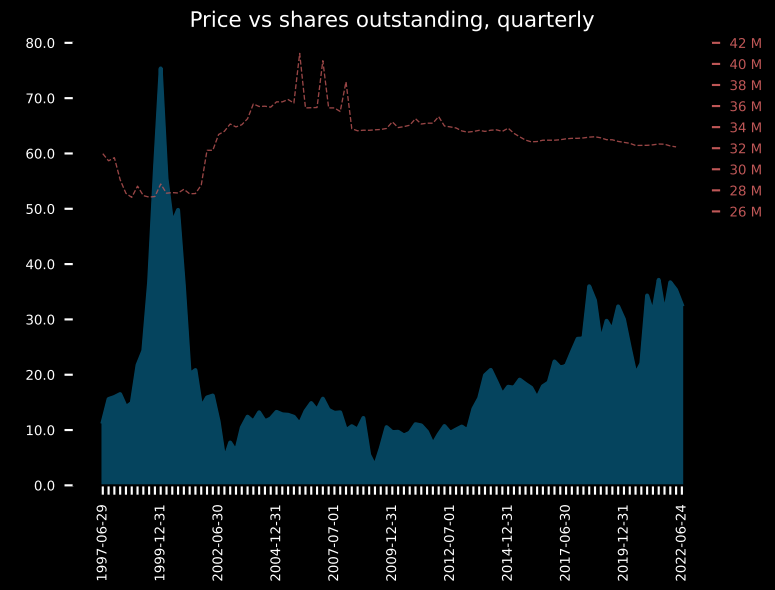

Inventory CF, quarterly
CF_AccReceiv
CF_AccPayab
inventory_cf
400 M
200 M
0 M
-200 M
-400 M
-600 M
2002 Q1
2003 Q1
2004 Q1
2005 Q1
2006 Q1
2007 Q1
2008 Q1
2009 Q1
2010 Q1
2011 Q1
2012 Q1
2013 Q1
2014 Q1
2015 Q1
2016 Q1
2017 Q1
2018 Q1
2019 Q1
2020 Q1
2021 Q1

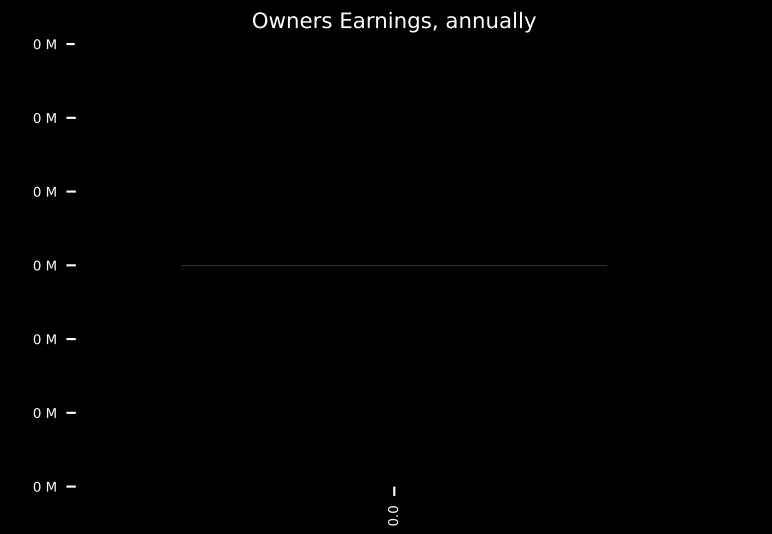
0

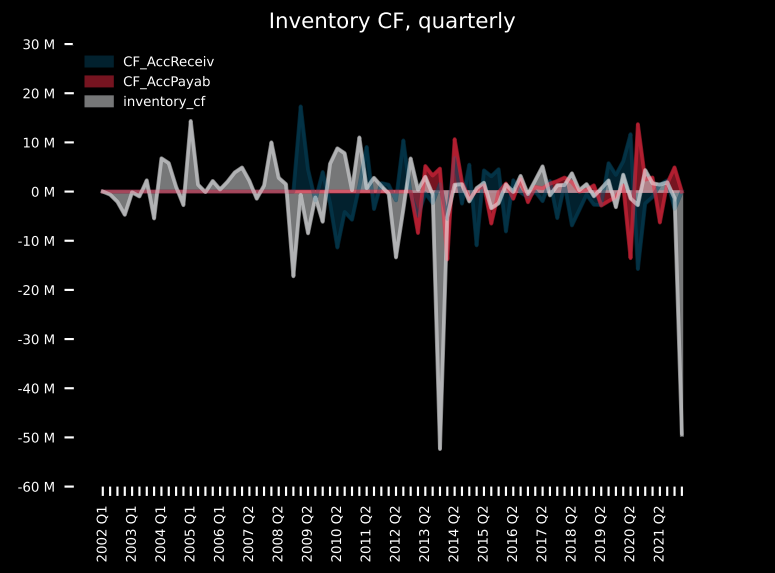

Sales, NI & Operating CF, quarterly
revenue
netIncome
operatingCashFlow
200 M
150 M
100 M
50 M
0 M
-50 M
-100 M
2002 Q1
2003 Q1
2004 Q1
2005 Q1
2006 Q1
2007 Q2
2008 Q2
2009 Q2
2010 Q2
2011 Q2
2012 Q2
2013 Q2
2013 Q4
2014 Q2
2015 Q2
2016 Q2
2017 Q2
2018 Q2
2019 Q2
2020 Q2
2021 Q2


CTS / 0 / 0 / 2022-06-24
longTermDebt
shortTermDebt
cashAndCashEquivalents
totalStockholdersEquity
800 M
700 M
600 M
500 M
400 M
300 M
200 M
100 M
0 M

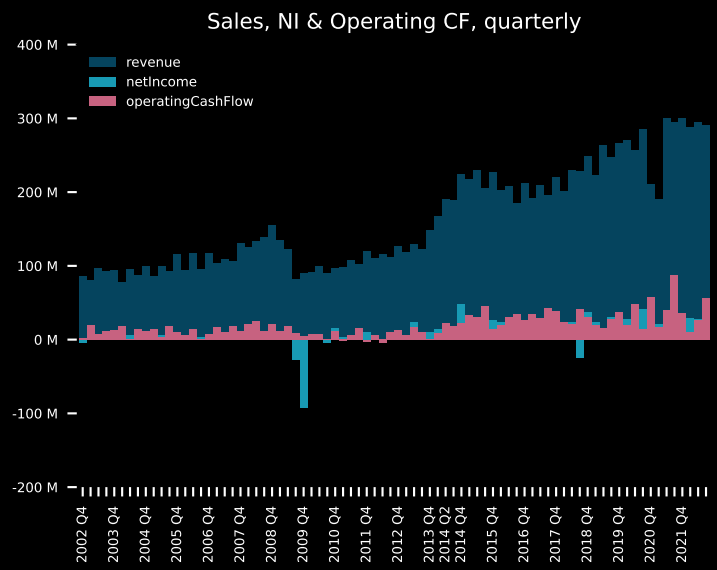

Sales, NI & Operating CF, annually
revenue
netIncome
operatingCashFlow
0 M
6 %
4 %
2 %
0 %
-1 %
-3 %
-6 %
0

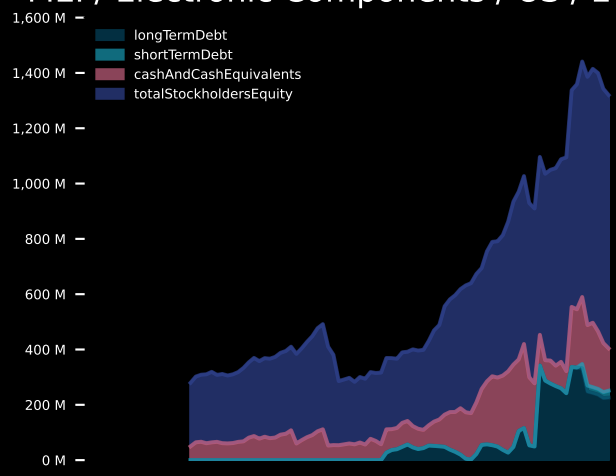

Price vs shares outstanding, quarterly
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
42 M
40 M
38 M
36 M
34 M
32 M
30 M
28 M
26 M
1997-06-29
1999-12-31
2002-06-30
2004-12-31
2007-07-01
2009-12-31
2012-07-01
2014-12-31
2017-06-30
2019-12-31
2022-06-24

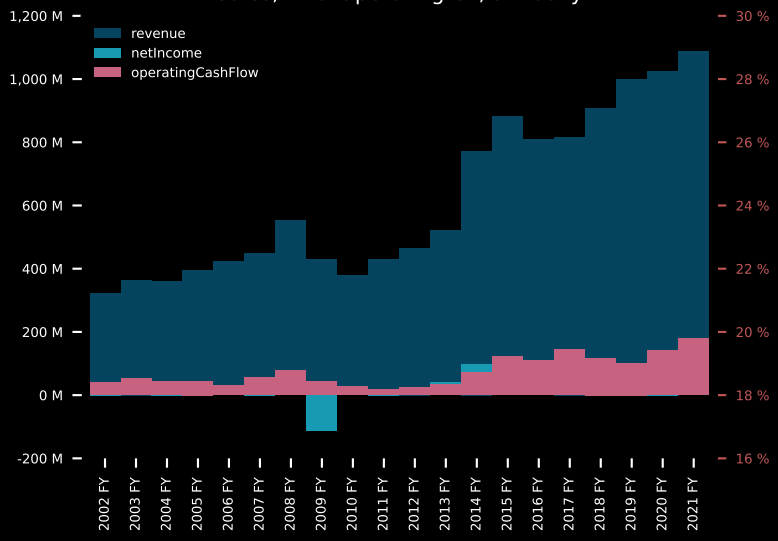

Owners Earnings, annually
0 M
0.0

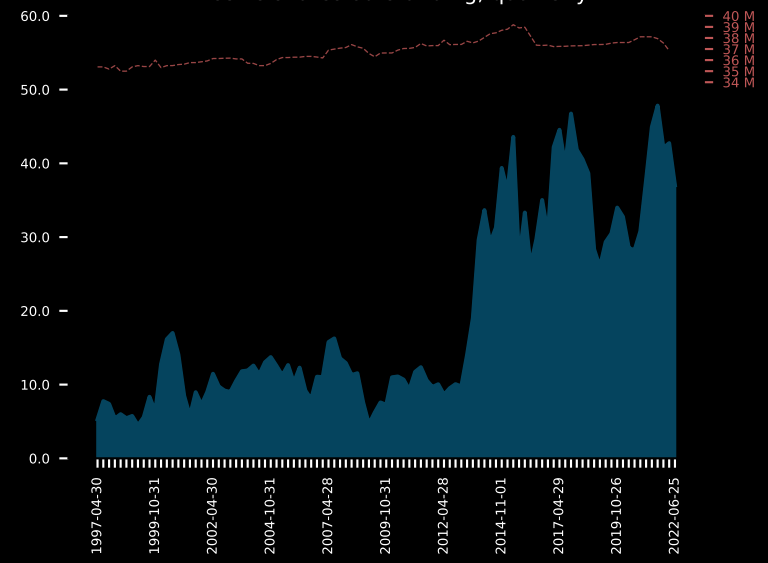

Inventory CF, quarterly
CF_AccReceiv
CF_AccPayab
inventory_cf
30 M
20 M
10 M
0 M
-10 M
-20 M
-30 M
-40 M
-50 M
-60 M
2002 Q1
2003 Q1
2004 Q1
2005 Q1
2006 Q1
2007 Q2
2008 Q2
2009 Q2
2010 Q2
2011 Q2
2012 Q2
2013 Q2
2014 Q2
2015 Q2
2016 Q2
2017 Q2
2018 Q2
2019 Q2
2020 Q2
2021 Q2

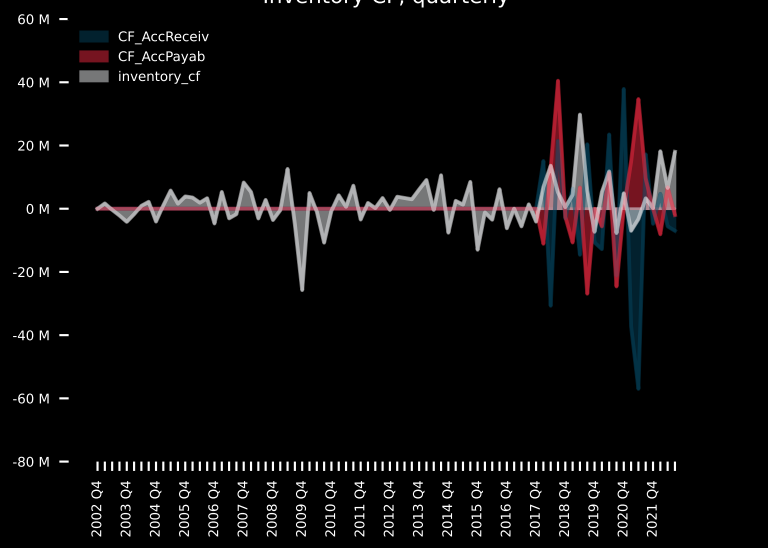
0





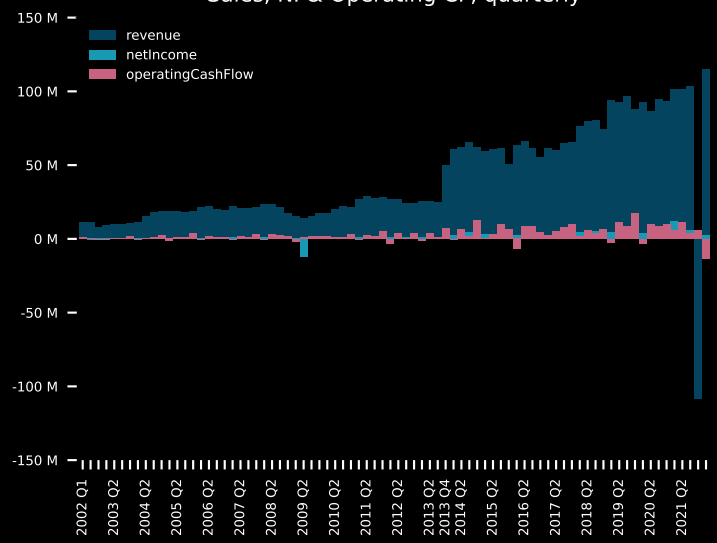


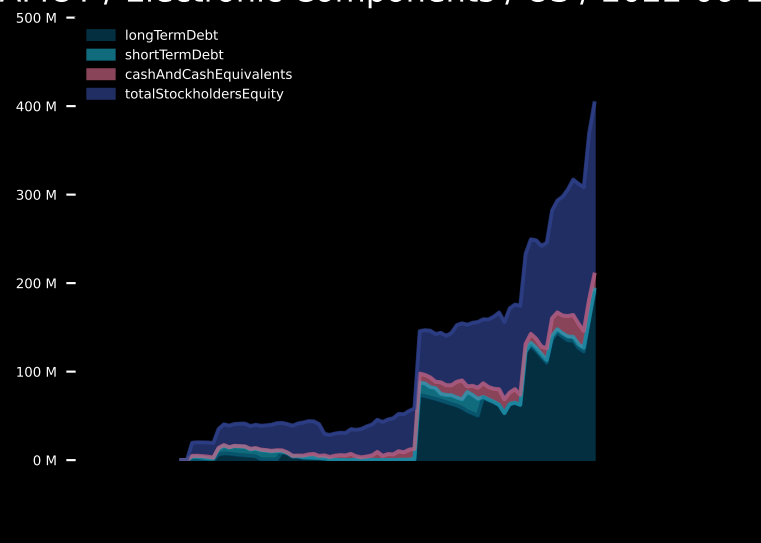


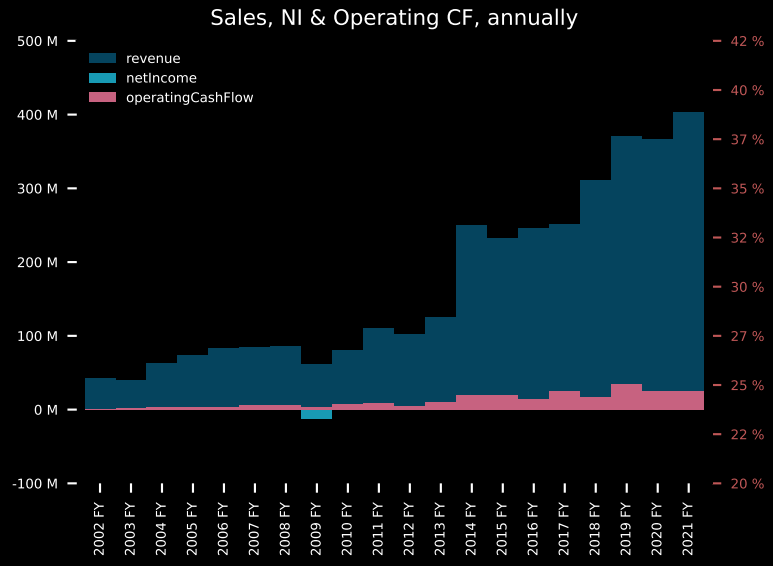


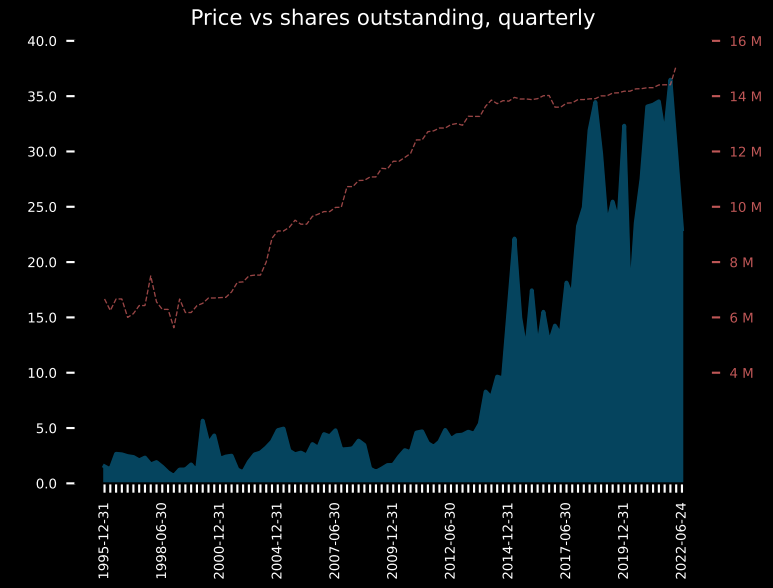
Methode Electronics, Inc. designs, manufactures, and markets component and subsystem devices worldwide. It operates through four segments: Automotive, Industrial, Interface, and Medical. The Automotive segment supplies electronic and electro-mechanical devices, and related products to automobile original equipment manufacturers directly or through their tiered suppliers. Its products include integrated center consoles, hidden switches, ergonomic switches, transmission lead-frames, and LED-based lighting and sensors, which incorporate magneto-elastic sensing and other technologies that monitor the operation or status of a component or system. The Industrial segment manufactures lighting solutions; industrial safety radio remote controls; braided flexible cables; current-carrying laminated busbars and devices; custom power product assemblies, such as PowerRail solution; high-current low-voltage flexible

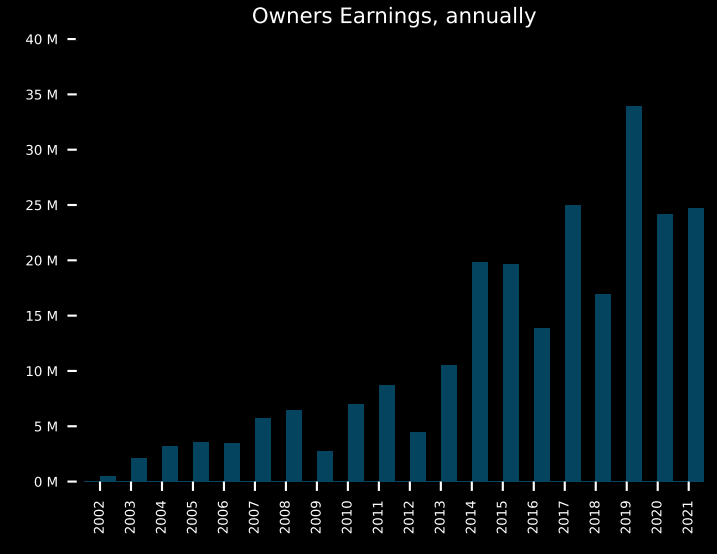
AMOT / Electronic Components / US / 2022-06-24

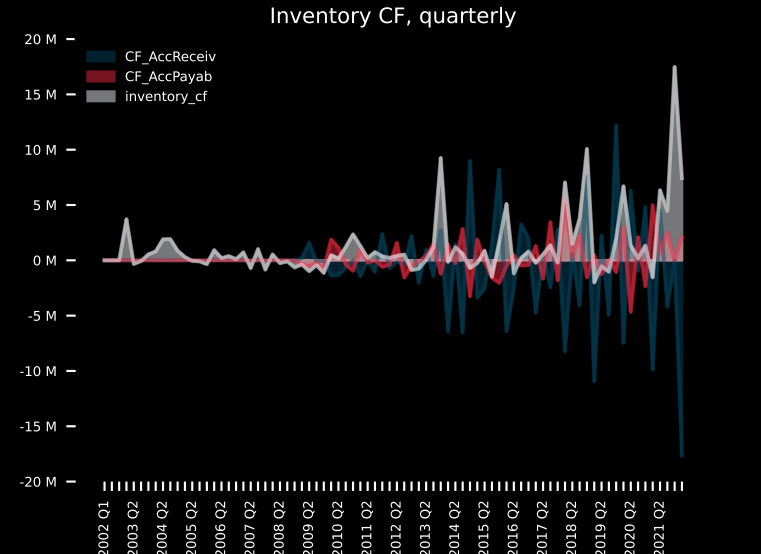






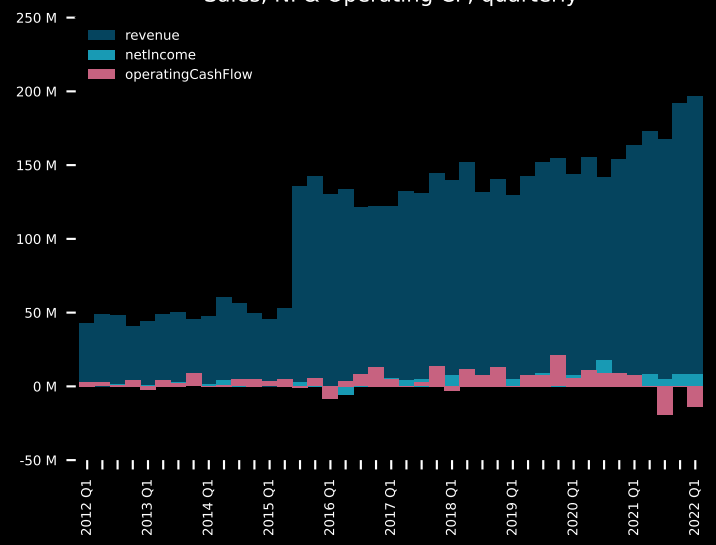


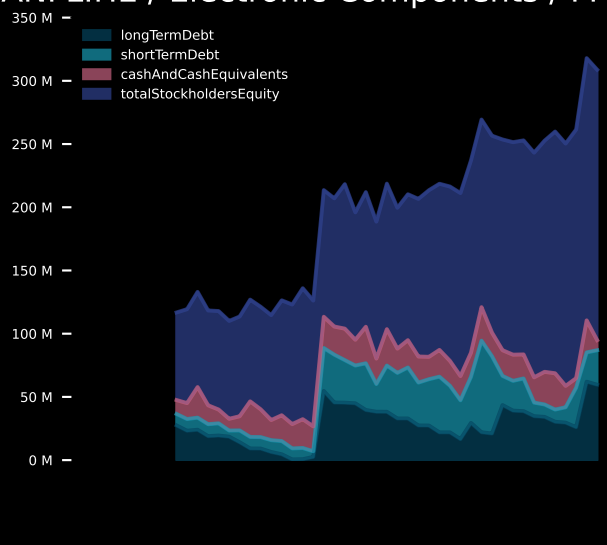


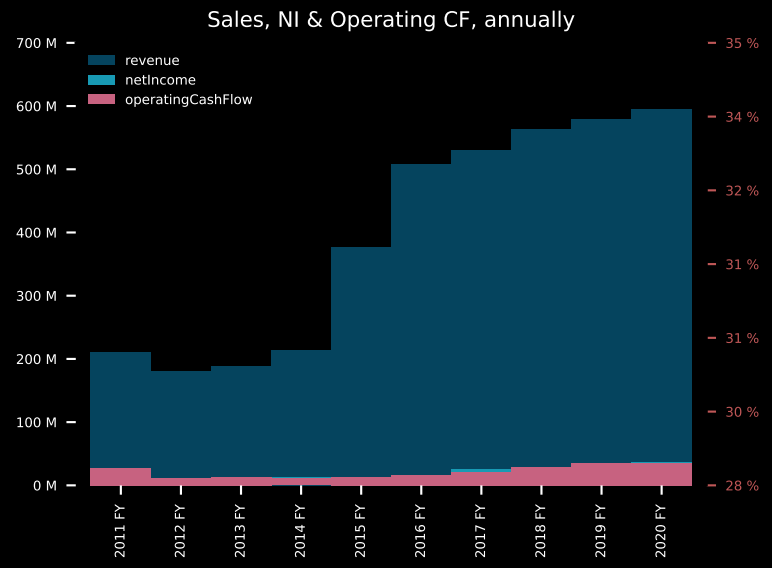


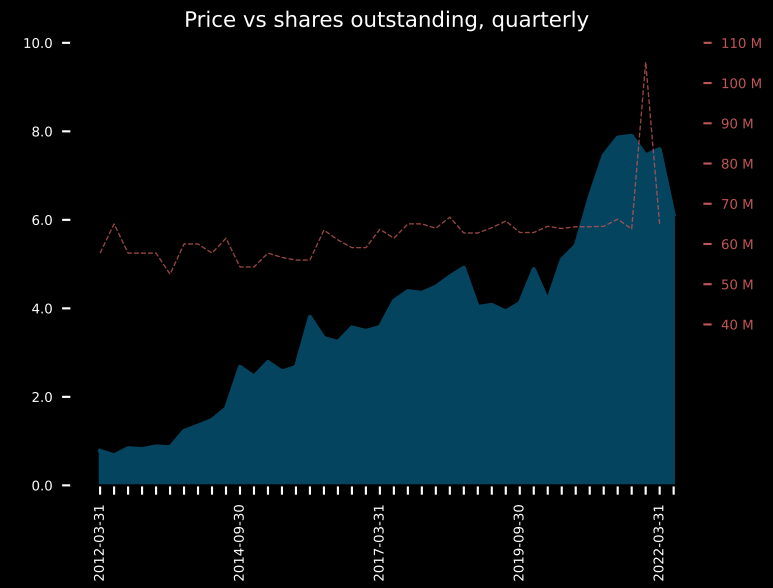
Allied Motion Technologies Inc., together with its subsidiaries, designs, manufactures, and sells precision and specialty controlled motion components and systems that are used in a range of industries worldwide. The company offers brush and brushless DC motors, brushless servo and torque motors, coreless DC motors, integrated brushless motor-drives, gearmotors, gearing, modular digital servo drives, motion controllers, optical encoders, active, and passive filters. It also provides electronic power steering, drive-by-wire applications, drive systems and pumps, automated and remotely guided power steering, and HVAC systems, and construction and agricultural equipment. The company sells its products to end customers and original equipment manufacturers in vehicle, medical, aerospace and defense, and industrial markets through direct sales force, as well as authorized manufacturers' representatives, agents, and

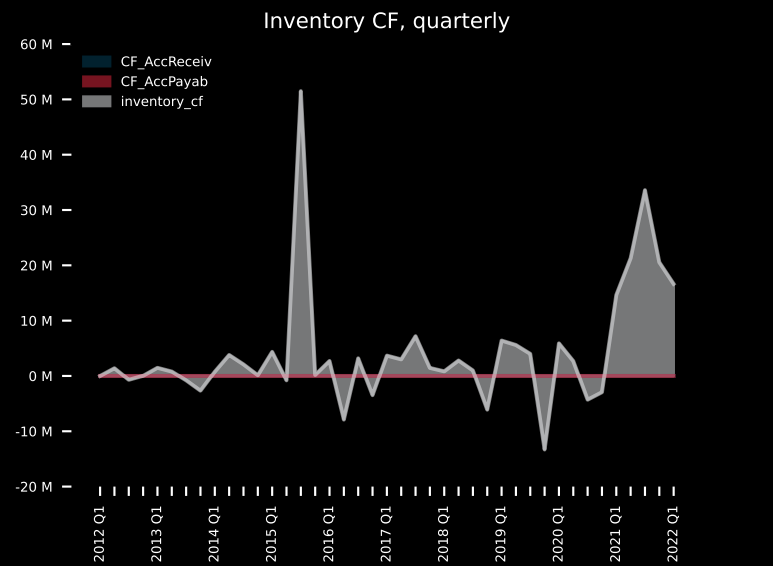
SCANFL.HE / Electronic Components / FI / 2022-06-2





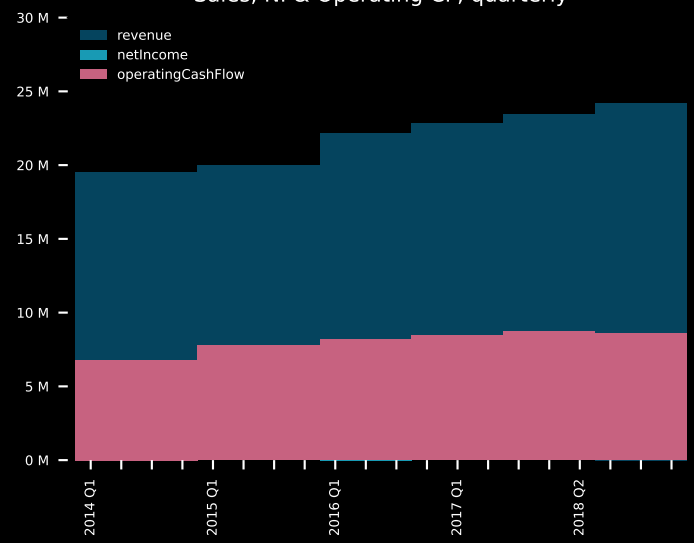


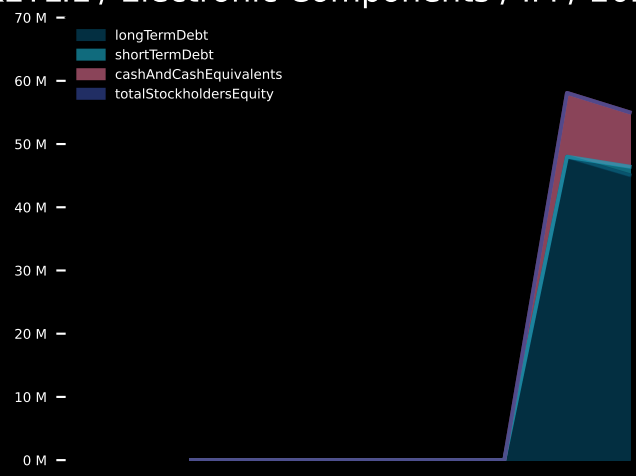


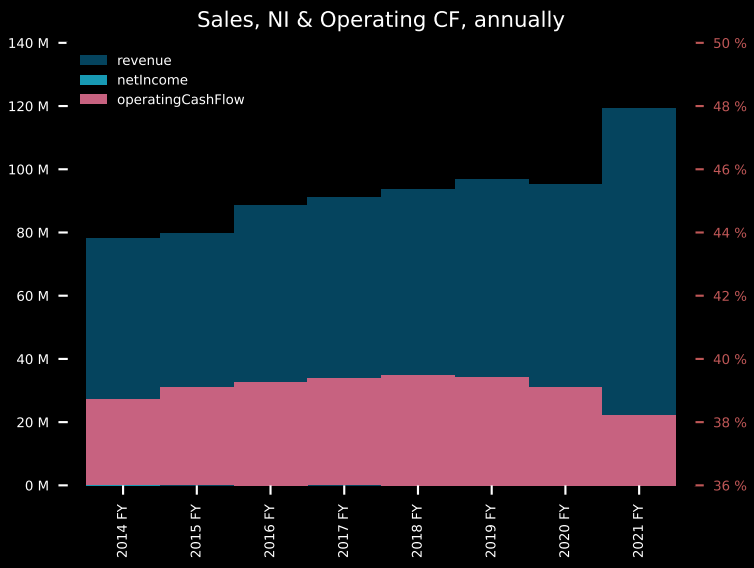


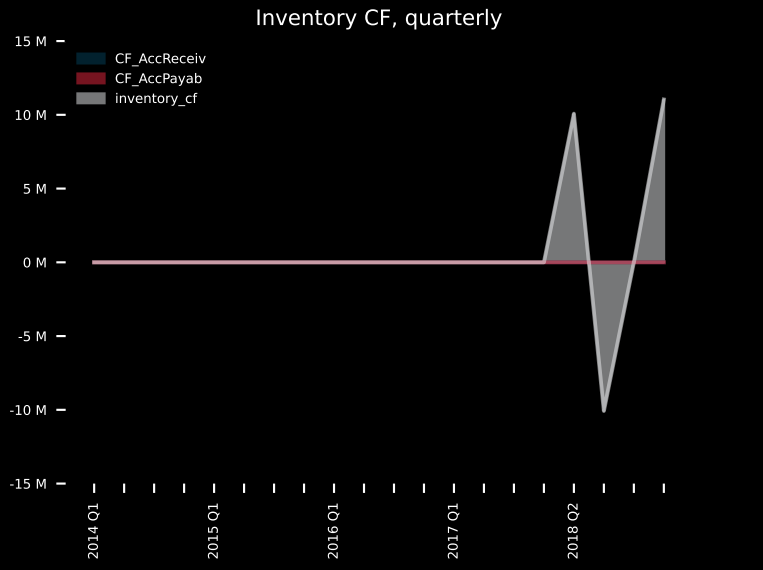
Scanfil Oyj operates as a contract manufacturer and system supplier for the electronics industry worldwide. The company provides manufacturing services, including electronics manufacturing, mechanics assembly, system integration, and production outsourcing; product development, design, rapid prototyping, and test development; and product maintenance comprising distribution, repair and refurbish, cost improvement, and supply chain, as well as material procurement and logistics solutions. Its products include automation system modules, frequency converters, elevator control systems, analyzers, various vending machines, and devices related to medical technology and meteorology. The company serves customers in consumer applications, automation and safety, connectivity, energy & cleantech, and medtech and life science segments. The company was founded in 1976 and is headquartered in Sievi

KETL.L / Electronic Components / IM / 2022-06-25



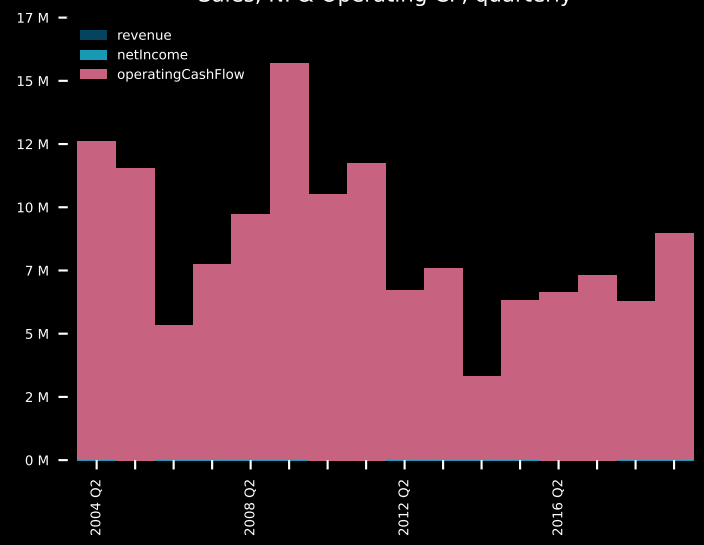


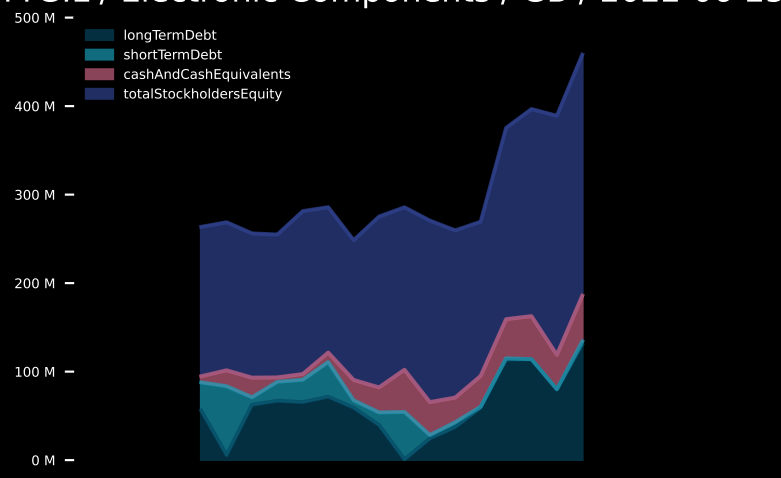


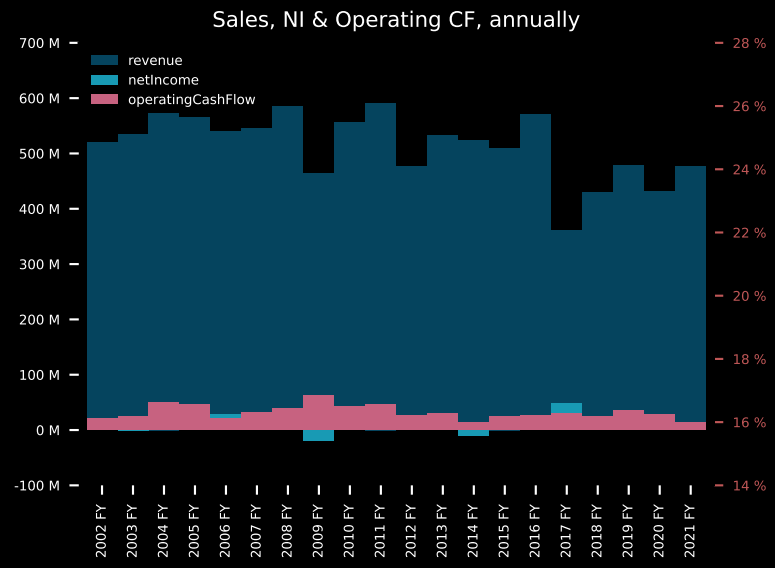


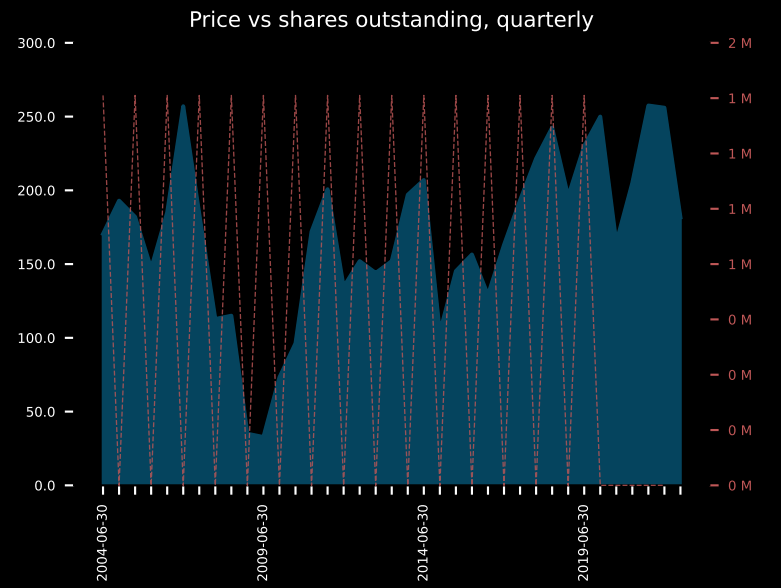
Strix Group Plc designs, manufactures, and supplies kettle safety controls, and other components and devices worldwide. The company offers thermostatic controls, cordless interfaces, water jugs, and filters. It also provides water heating and temperature control, steam management, and water filtration devices. The company offers its products primarily under the Aqua Optima, astrea, and HaloPure brands. It principally serves original equipment manufacturers, brands, and retailers. The company was formerly known as Steam Plc and changed its name to Strix Group Plc in July 2017. Strix Group Plc was incorporated in 2017 and is headquartered in Isle of Man, the United Kingdom.

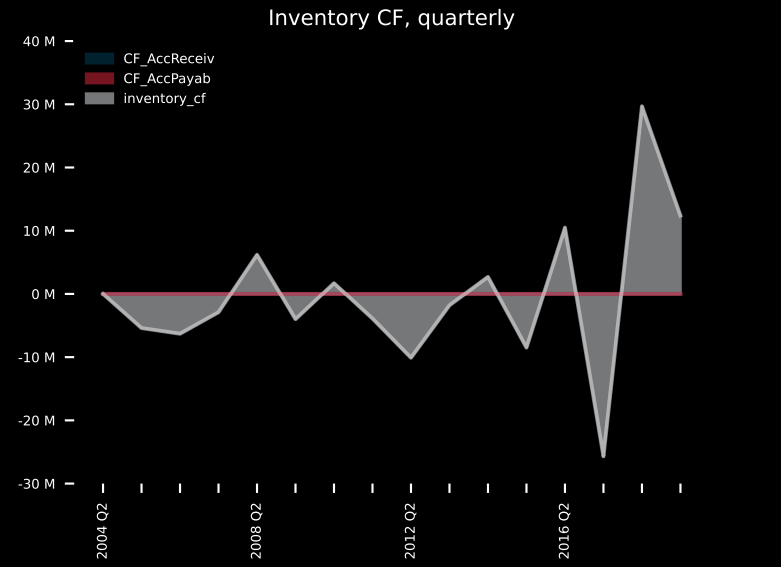
TTG.L / Electronic Components / GB / 2022-06-25





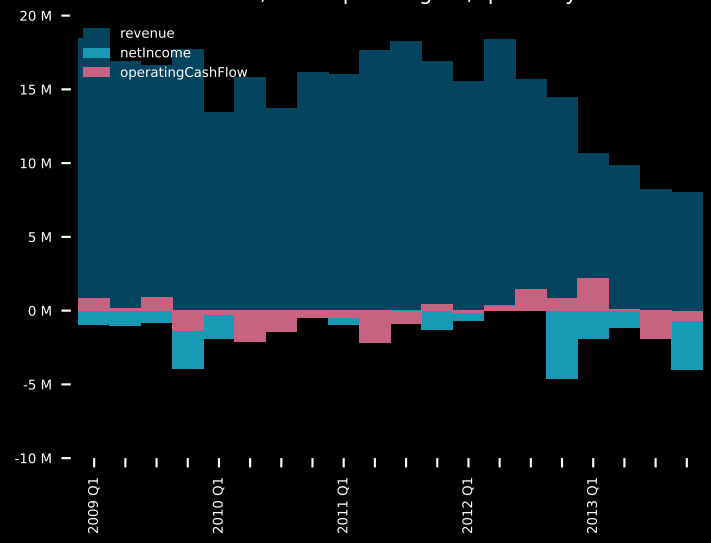




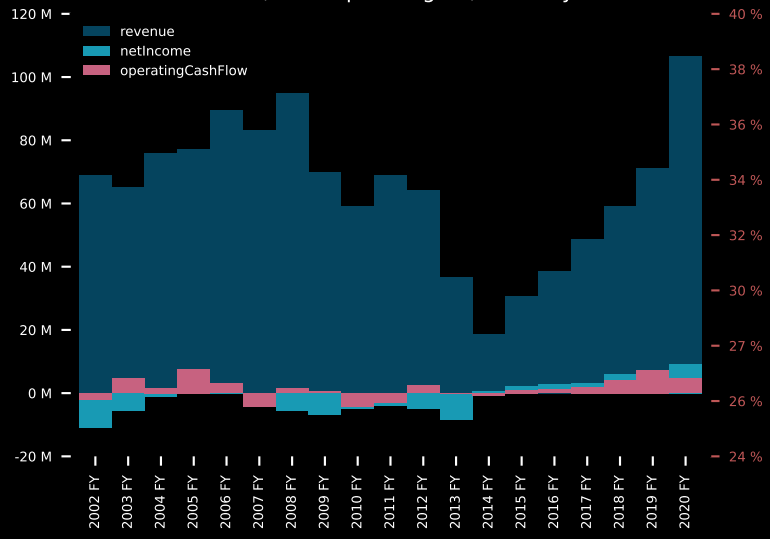


TT Electronics plc provides engineered electronics for performance critical applications in the automation and electrification, healthcare, and aerospace and defense markets worldwide. The company operates through three divisions: Power and Connectivity, Global Manufacturing Solutions, and Sensors and Specialist Components. The Power and Connectivity division designs and manufactures power application products and connectivity devices, which enable the capture and wireless transfer of data. This segment collaborates with customers for developing solutions to optimize their electronic systems. The Global Manufacturing Solutions division provides manufacturing services and engineering solutions for its product divisions and to customers that require a lower volume and higher mix of various products. This segment manufactures integrated product assemblies, as well as provides designing testing solutions

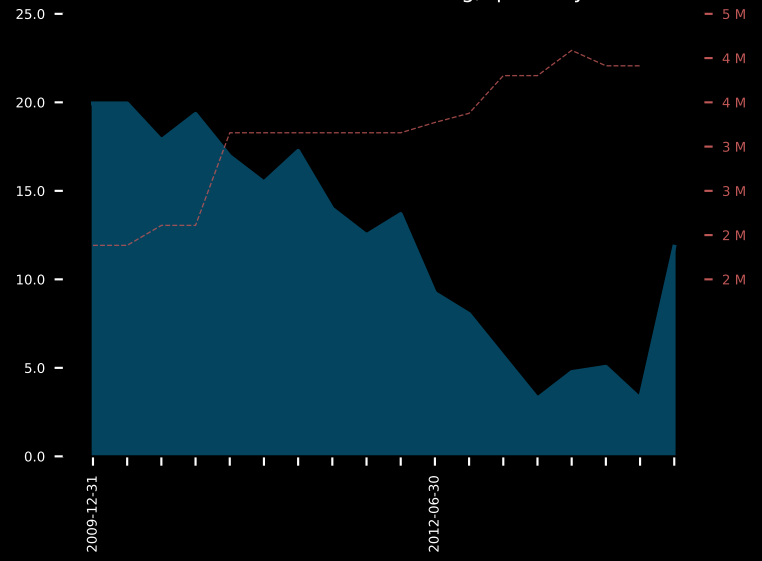
Sales, NI & Operating CF, quarterly



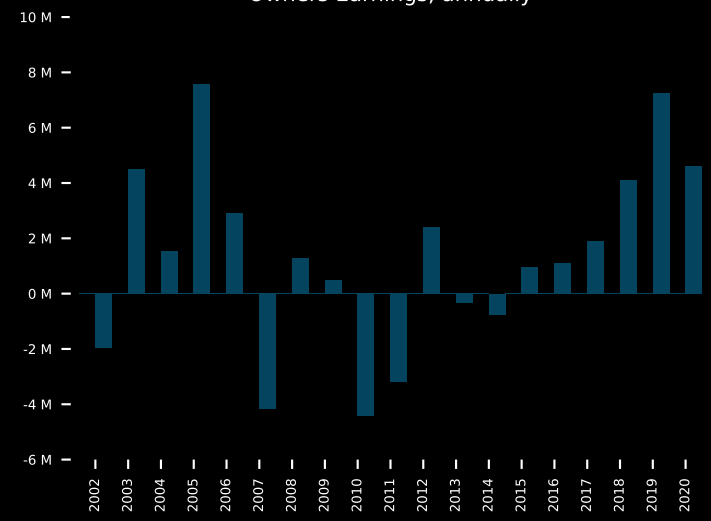
Sales, NI & Operating CF, annually



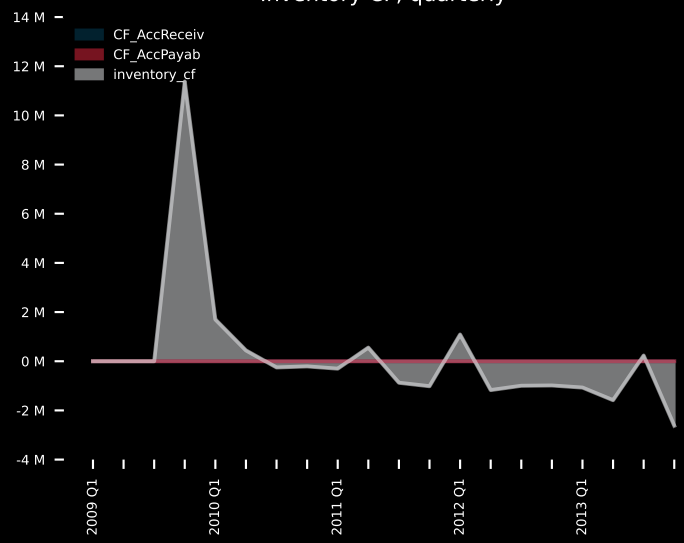
Price vs shares outstanding, quarterly



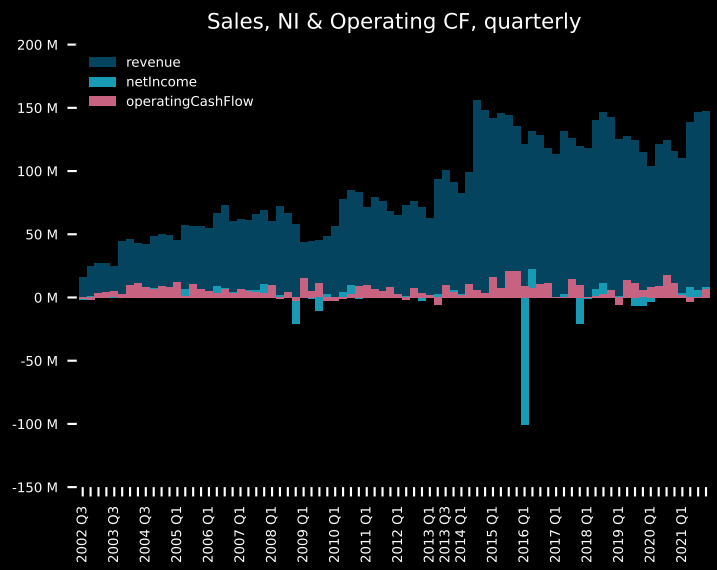
Owners Earnings, annually

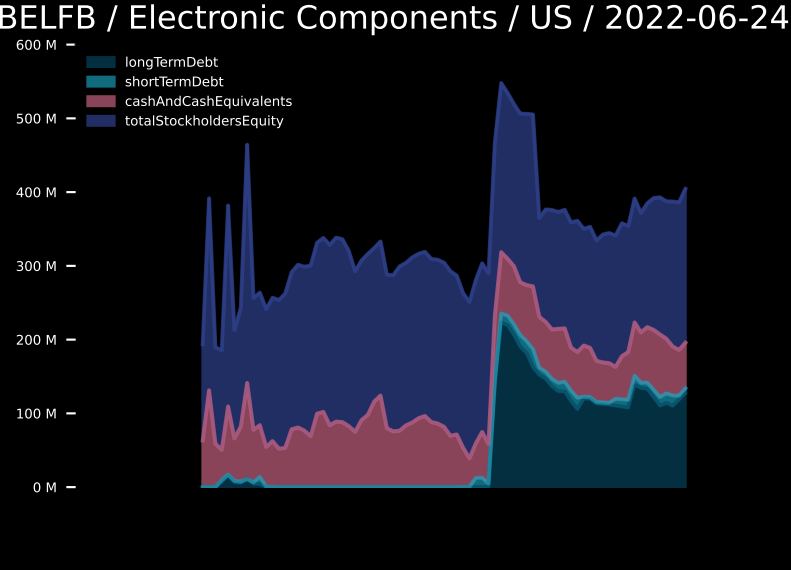


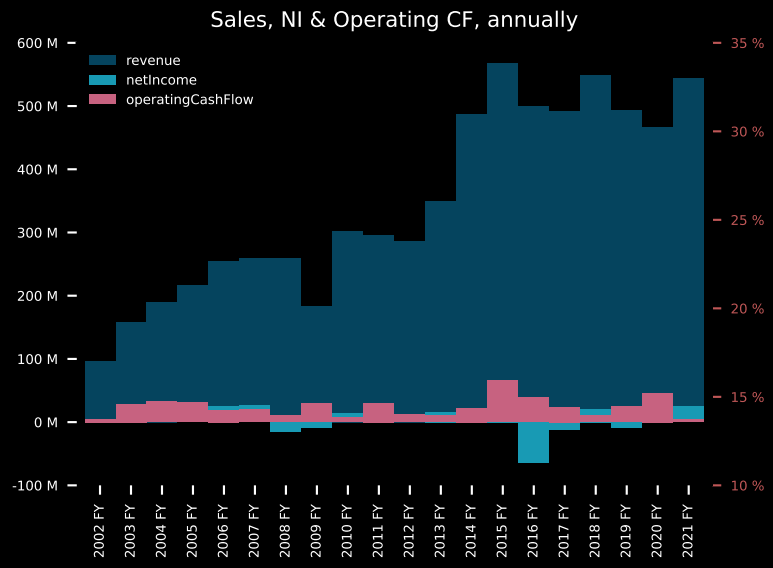
Inventory CF, quarterly

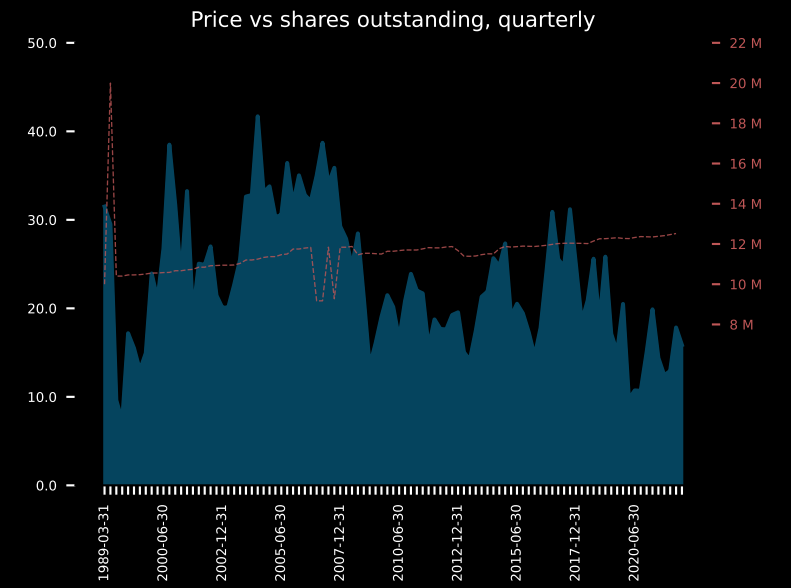


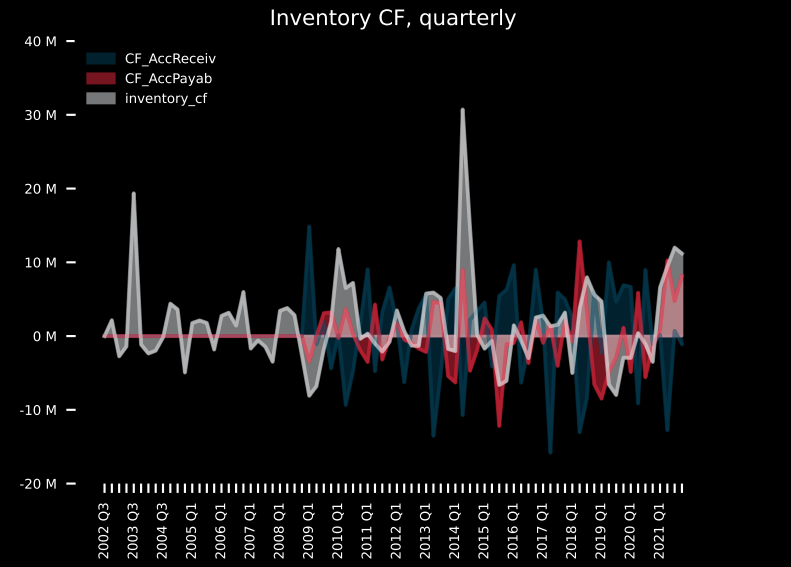
Incap Oyj, together with its subsidiaries, provides electronics manufacturing services in Europe, North America, and Asia. The company produces inverters, UPS devices and printed circuit board (PCBs) for fuel dispensers and sustainable energy products. It also offers PCB assembly, mass production, final assembly, design, and production of prototypes, as well as design for manufacturing feedback, testing, magnetic assemblies, and cable harnesses. In addition, the company manufactures electronics and box-build products, as well as specializes in volume production, prototypes, and pre-series products. The company serves industrial customers such as automation, power generation, and telecommunications industries. Incap Oyj was incorporated in 1985 and is headquartered in Helsinki, Finland.



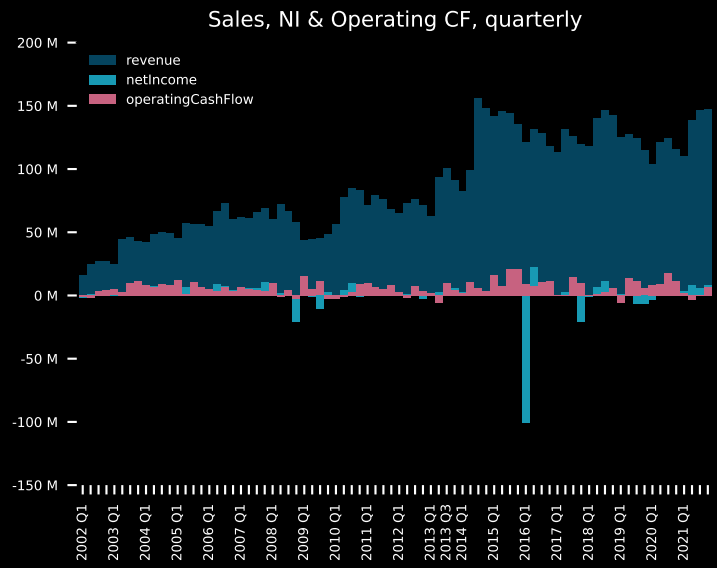


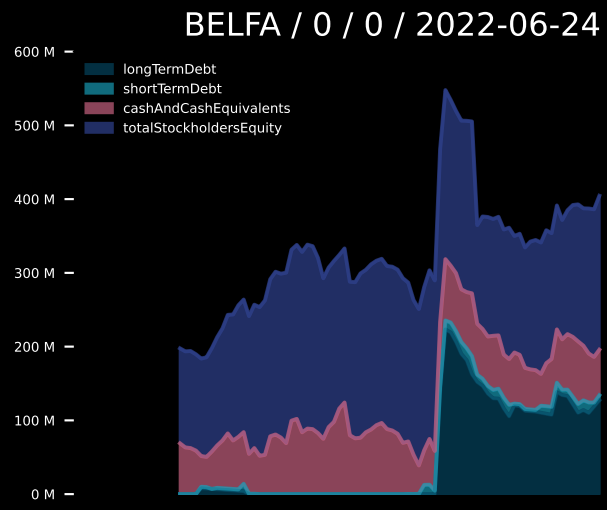


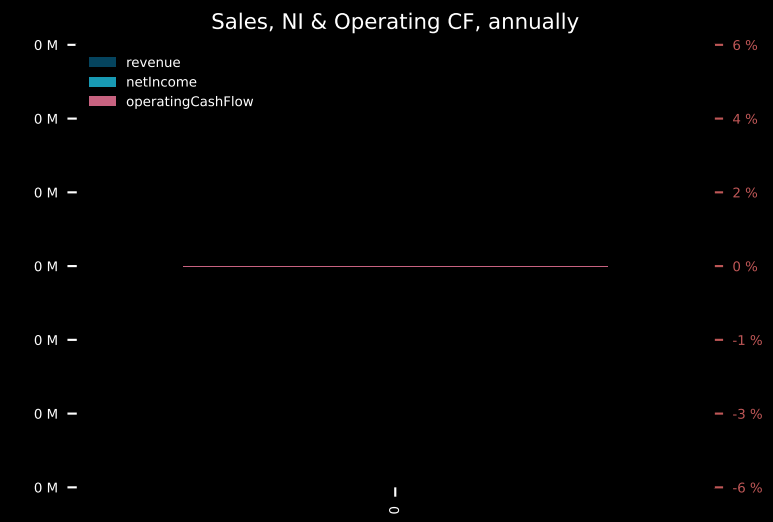


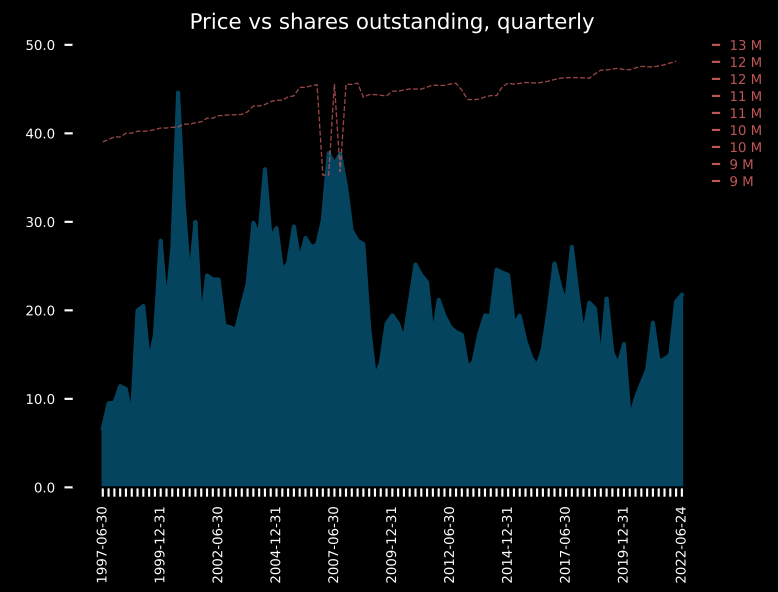


Bel Fuse Inc. designs, manufactures, markets, and sells products that are used in the networking, telecommunication, high-speed data transmission, commercial aerospace, military, broadcasting, transportation, e-Mobility and broadcasting, and consumer electronic industries in the United States, Macao, the United Kingdom, Slovakia, Germany, Switzerland, and internationally. It offers magnetic products, such as integrated connector modules; power transformers; SMD power inductors and SMPS transformers; and ethernet discrete components. The company also provides power solutions and protection products comprising front-end power supplies; board-mount power; industrial power; external power; and circuit protection products. In addition, it offers connectivity solutions, which includes expanded beam fiber optic


Sales, NI & Operating CF, quarterly
revenue
netIncome
operatingCashFlow
200 M
150 M
100 M
50 M
0 M
-50 M
-100 M
-150 M
2002 Q1
2003 Q1
2004 Q1
2005 Q1
2006 Q1
2007 Q1
2008 Q1
2009 Q1
2010 Q1
2011 Q1
2012 Q1
2013 Q1
2013 Q3
2014 Q1
2015 Q1
2016 Q1
2017 Q1
2018 Q1
2019 Q1
2020 Q1
2021 Q1


BELFA / 0 / 0 / 2022-06-24
longTermDebt
shortTermDebt
cashAndCashEquivalents
totalStockholdersEquity
600 M
500 M
400 M
300 M
200 M
100 M
0 M


Sales, NI & Operating CF, annually
revenue
netIncome
operatingCashFlow
0 M
6 %
4 %
2 %
0 %
-1 %
-3 %
-6 %
0


Price vs shares outstanding, quarterly
50.0
40.0
30.0
20.0
10.0
0.0
13 M
12 M
12 M
11 M
11 M
10 M
10 M
9 M
9 M
1997-06-30
1999-12-31
2002-06-30
2004-12-31
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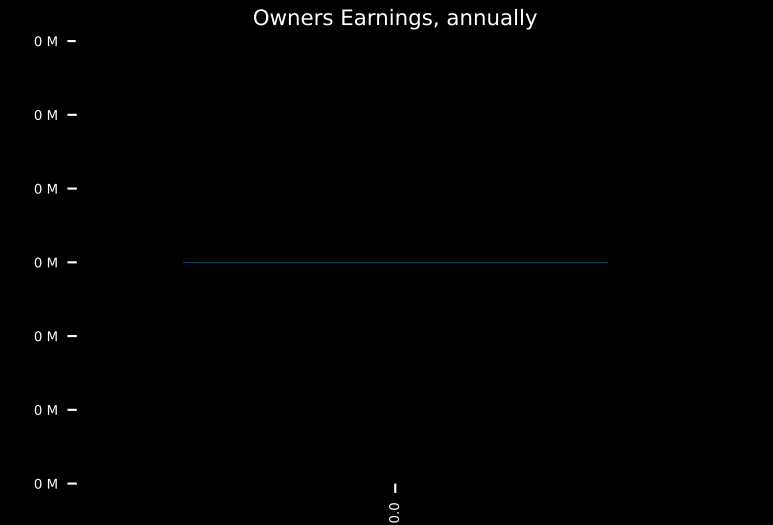
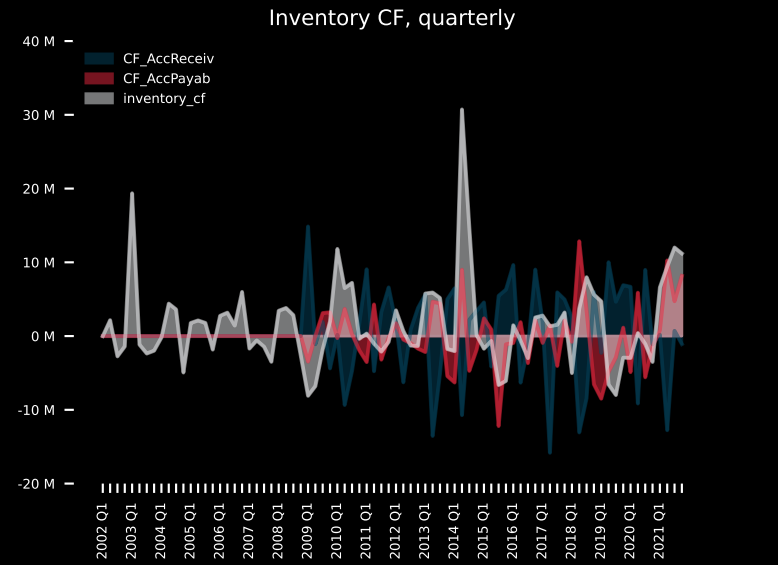
2014-12-31
2017-06-30
2019-12-31
2022-06-24


Owners Earnings, annually
0 M
0.0


Inventory CF, quarterly
CF_AccReceiv
CF_AccPayab
inventory_cf
40 M
30 M
20 M
10 M
0 M
-10 M
-20 M
2002 Q1
2003 Q1
2004 Q1
2005 Q1
2006 Q1
2007 Q1
2008 Q1
2009 Q1
2010 Q1
2011 Q1
2012 Q1
2013 Q1
2014 Q1
2015 Q1
2016 Q1
2017 Q1
2018 Q1
2019 Q1
2020 Q1
2021 Q1

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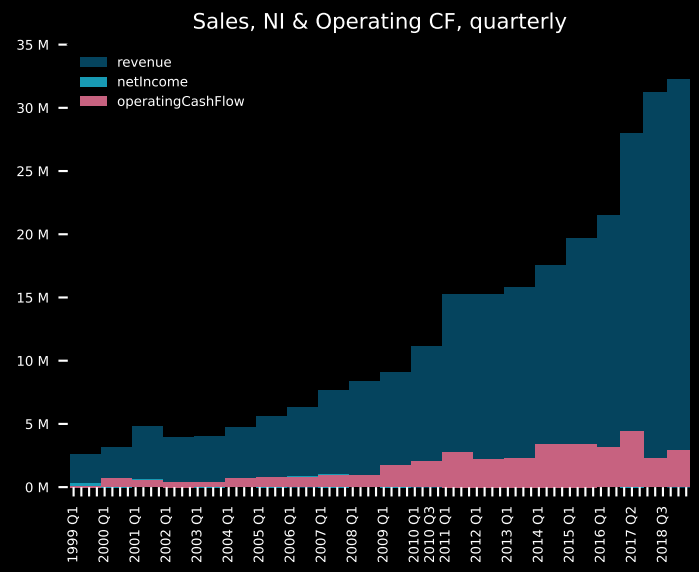
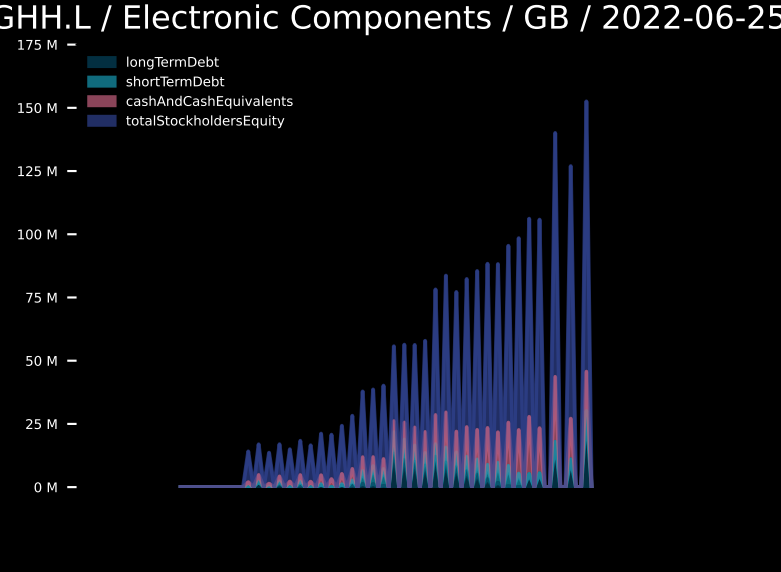
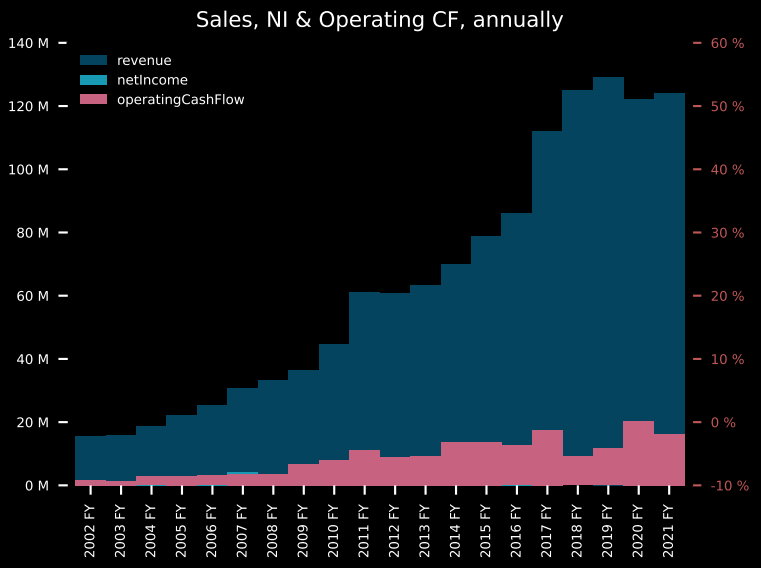
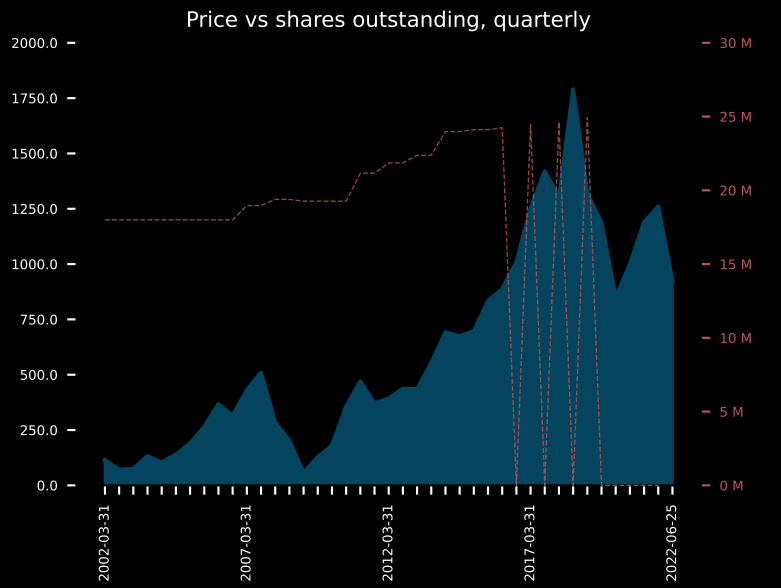
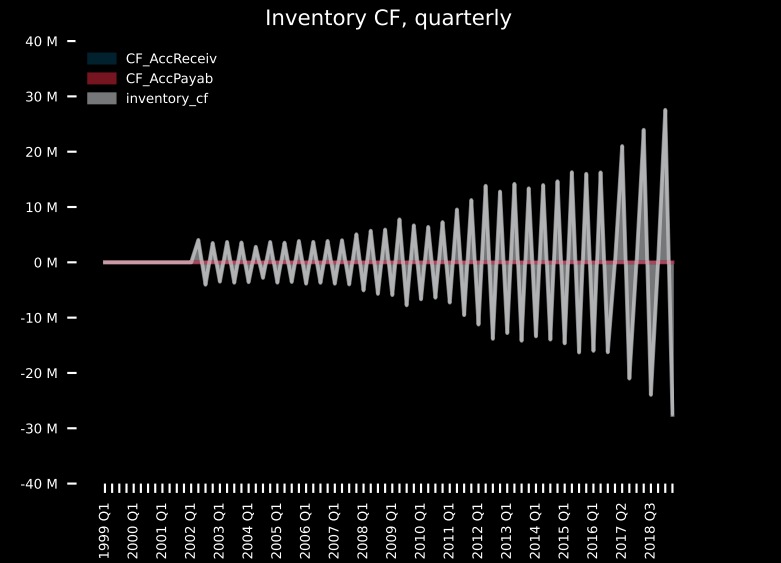




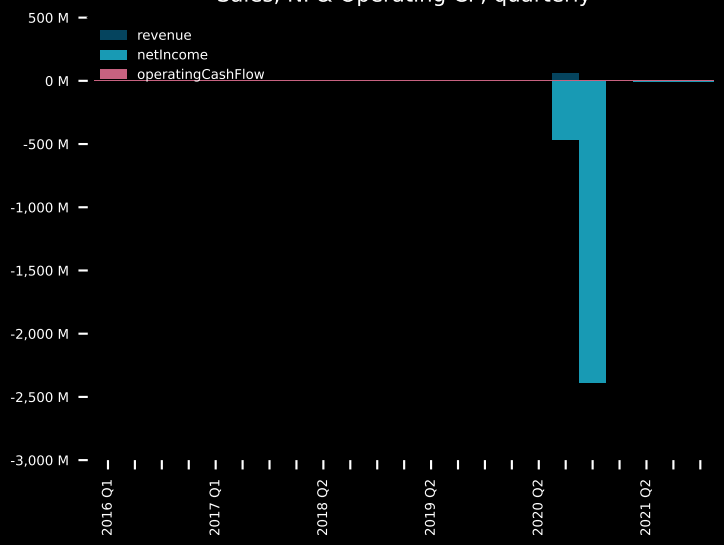


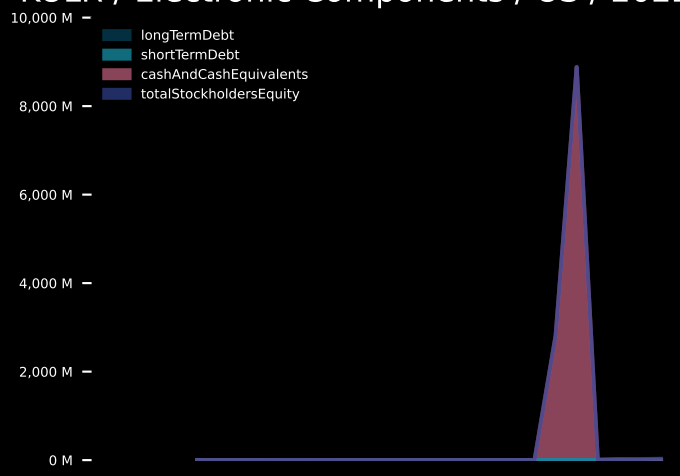


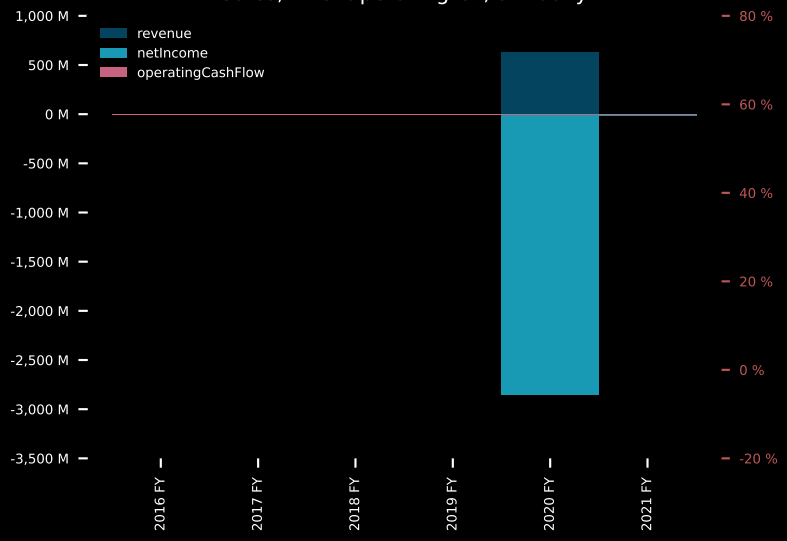


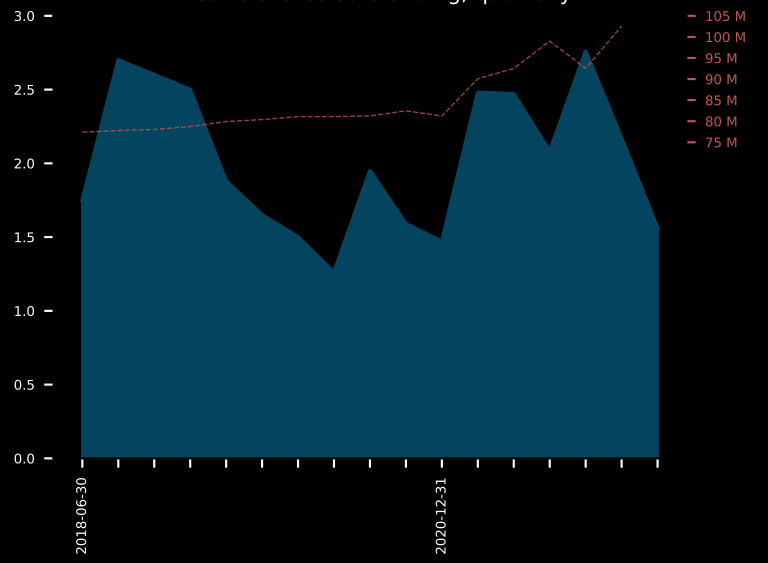
Gooch & Housego PLC engages in the manufacture and sale of acousto-optics, electro-optics, fiber optics, and precision optics and systems in the United Kingdom, North America, Europe, the Asia Pacific, and internationally. The company operates through Aerospace & Defence, Life Sciences/Bio-photonics, and Industrial segments. It offers acousto-optic products, such as acousto-optic modulators, deflectors, fiber-coupled modulators, frequency shifters, model lockers, multi-channel modulators, pulse pickers and cavity dumpers, Q-switches, tunable filters, and RF drivers; crystal optics, including crystals and nonlinear optics, lithium niobate wafers, and periodically-poled lithium niobite; electro-optics, such as pockels cells, lithium niobate Q-switches, and pockels cell drivers; and lens assemblies and sighting systems. The company also provides fiber optics, such as DFB lasers and modules, fiber coupled pump lasers

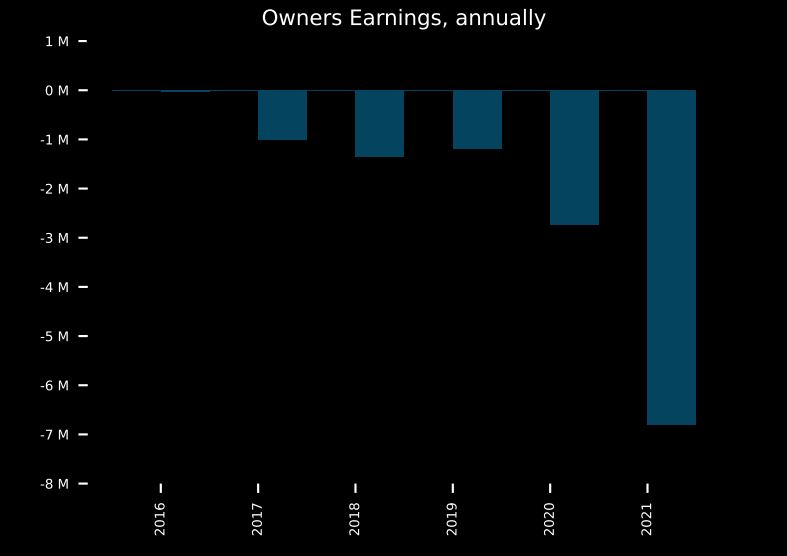
KULR / Electronic Components / US / 2022-06-25

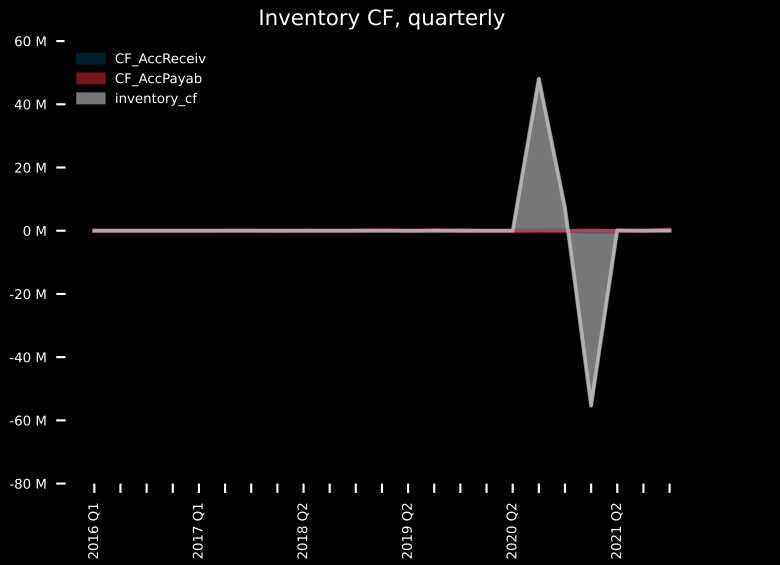






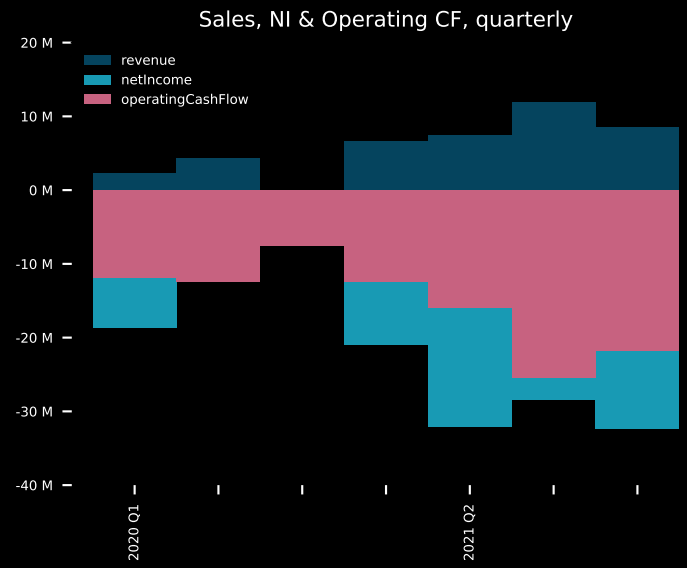


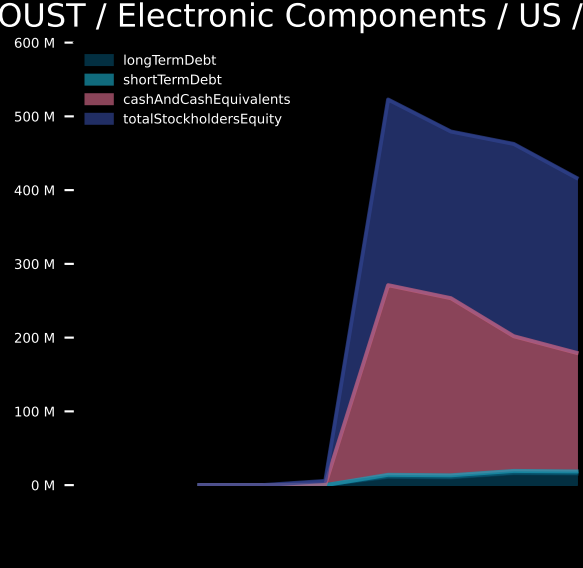


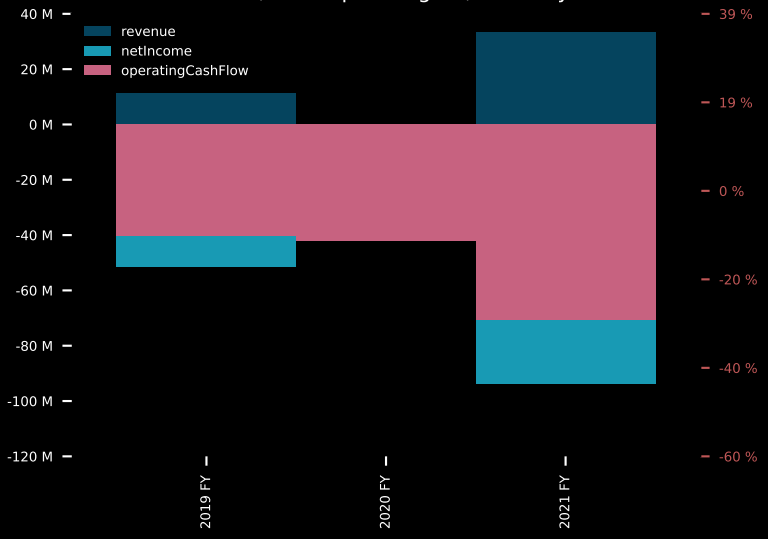


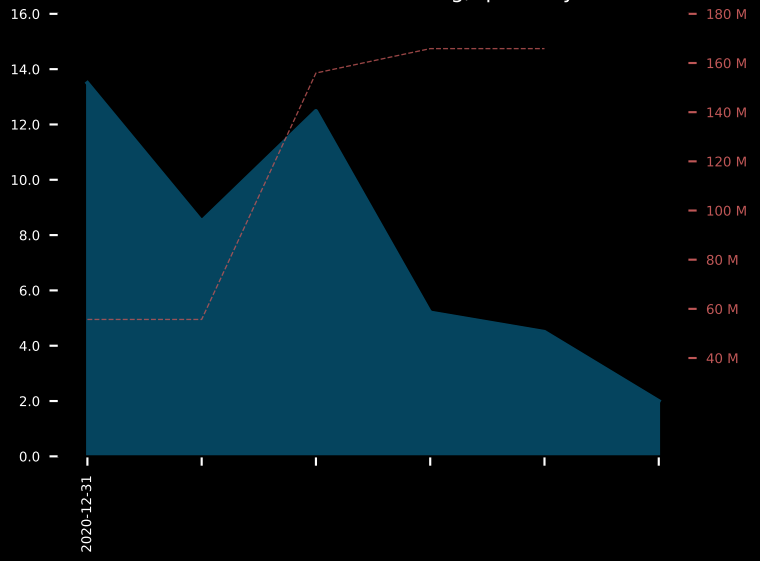
KULR Technology Group, Inc., through its subsidiary, KULR Technology Corporation, develops and commercializes thermal management technologies for batteries, electronics, and other components applications in the United States. It offers lithium-ion battery thermal runaway shields; fiber thermal interface materials; phase change material heatsinks; internal short circuit device; KULR battery cell screening and testing automation system and tech safe case; cellcheck; and CRUX cathodes. The company's technologies are used in electric vehicles, energy storage, battery recycling transportation, cloud computing, and 5G communication devices. It sells its products for applications, such as lithium-ion battery energy storage, electric vehicles, 5G communication, cloud computer infrastructure, consumer, and industrial devices. The company was formerly known as KT High Tech Marketing Inc. and changed its name to KULR

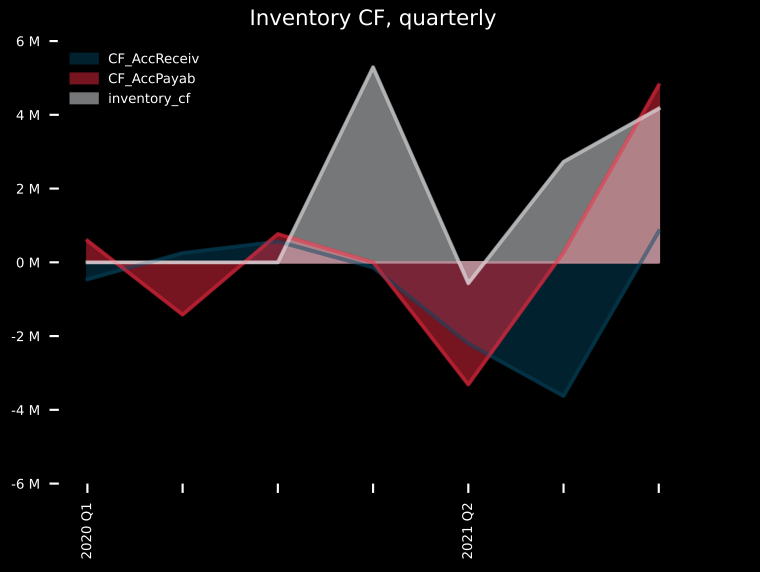
OUST / Electronic Components / US / 2022-06-24





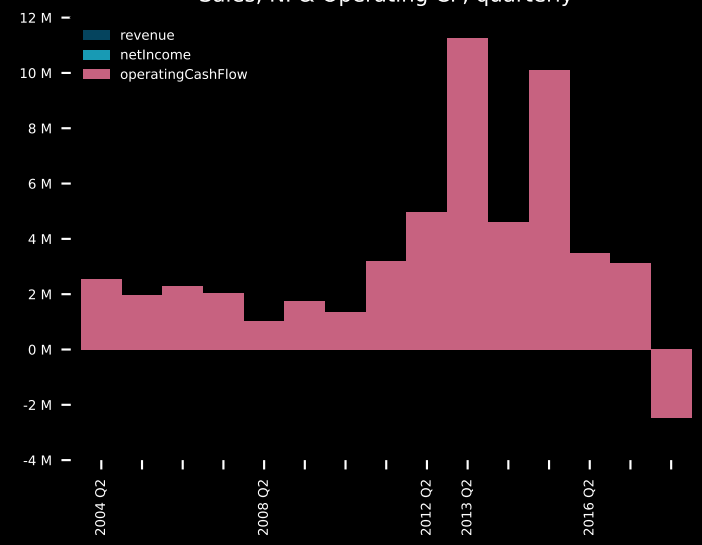


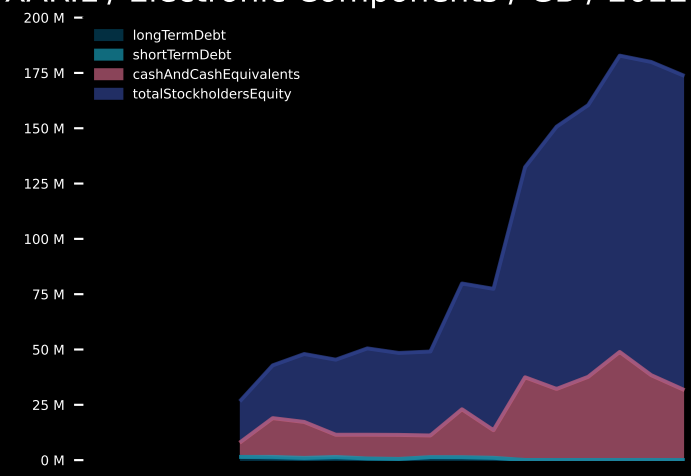


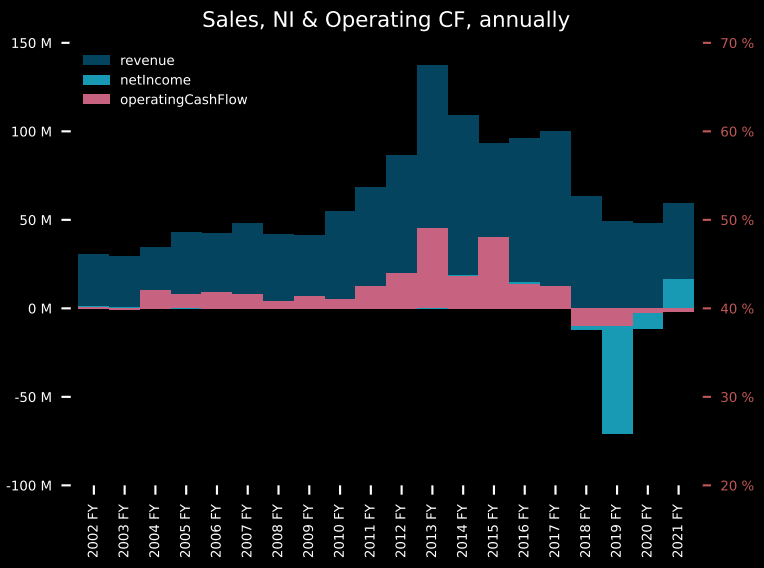


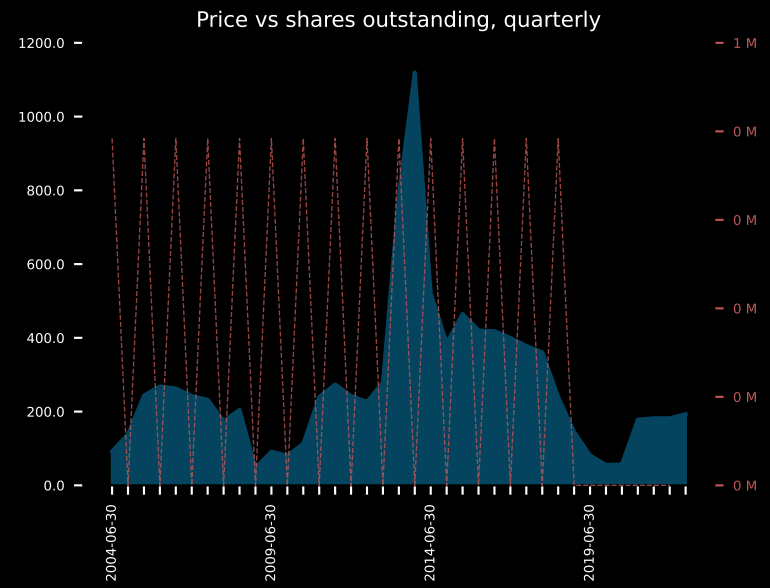
Ouster, Inc. designs and manufactures high-resolution digital lidar sensors and enabling software that offers 3D vision to machinery, vehicles, robots, and fixed infrastructure assets. Its product portfolio includes OS, a scanning sensor and DF, a true solid-state flash sensor. The company is based in San Francisco, California.

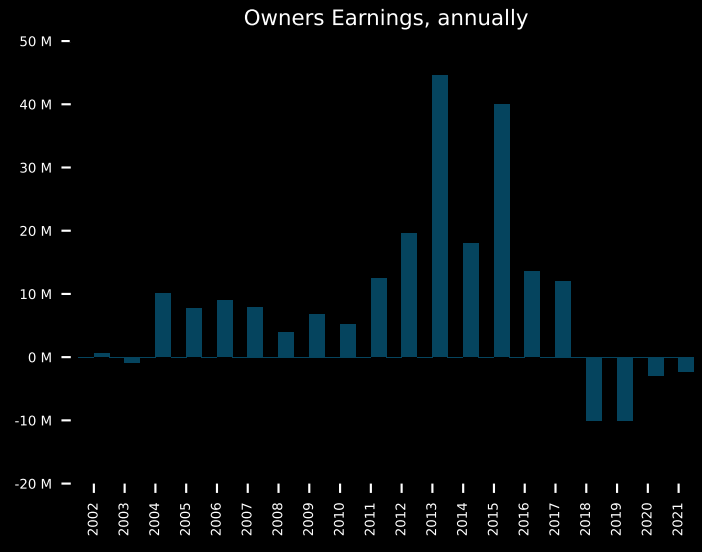
XAR.L / Electronic Components / GB / 2022-06-25

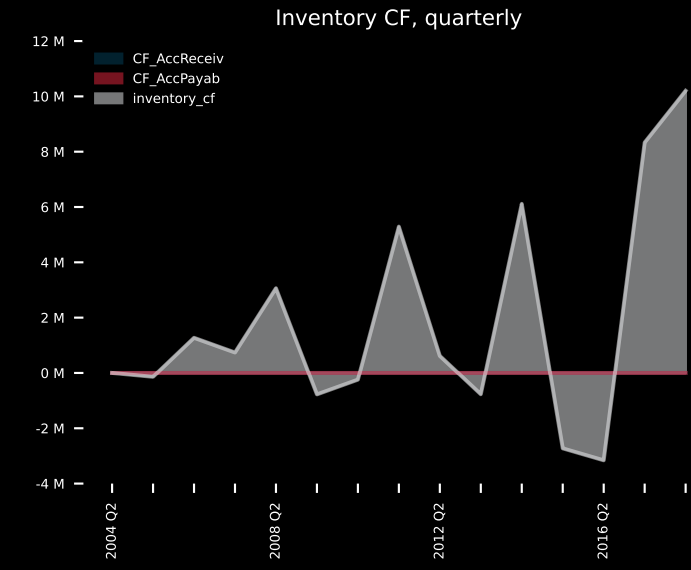






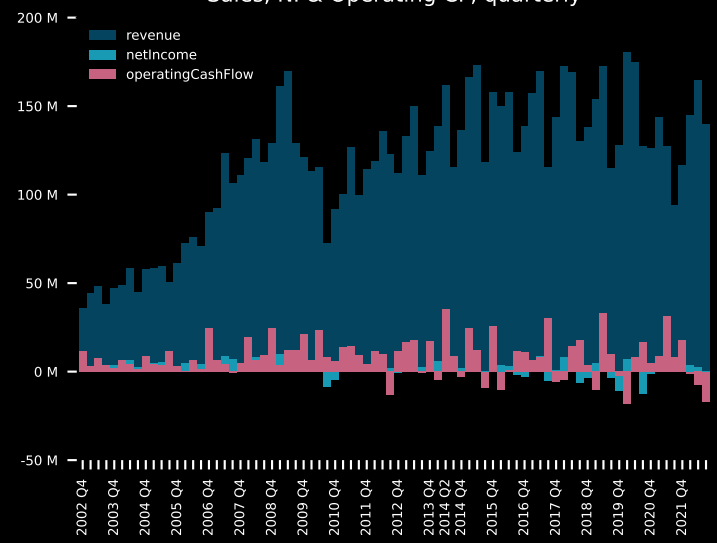


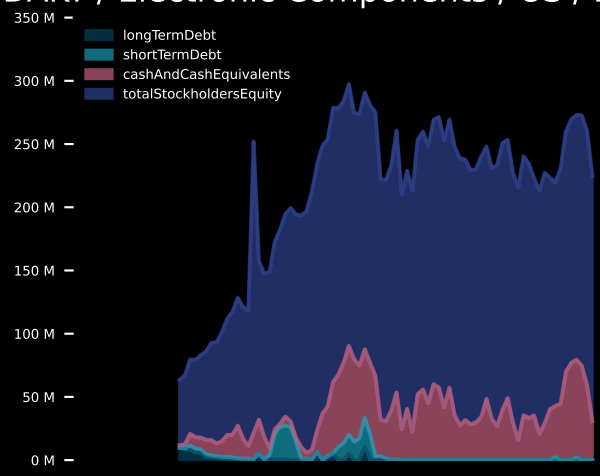


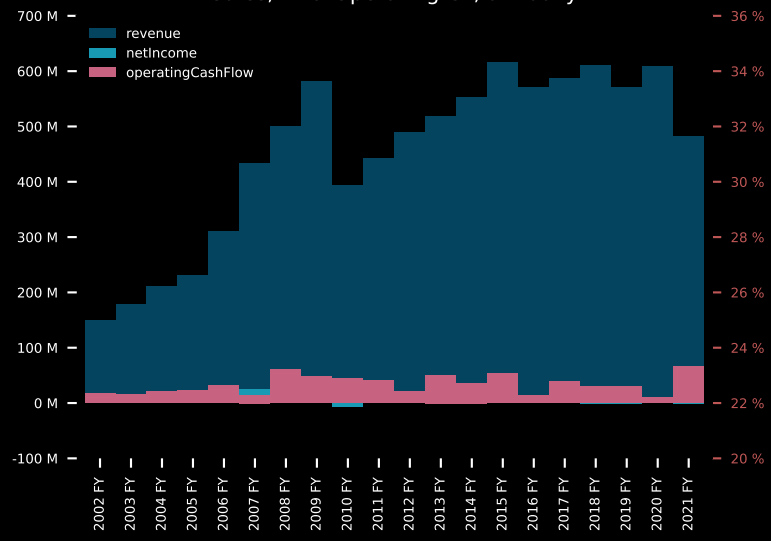


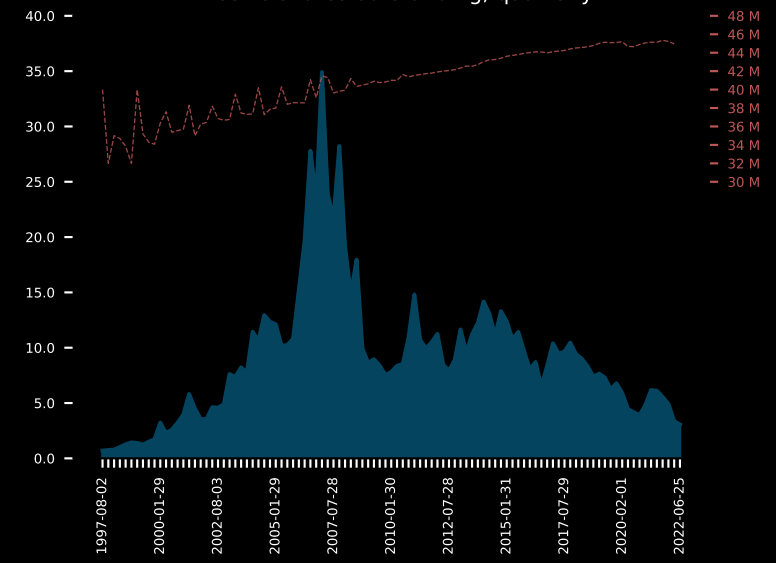
Xaar plc designs, develops, manufactures, markets, and sells printheads and associated products in Europe, the Middle East, Africa, Asia, and the Americas. It operates through Printhead and Product Print Systems segments. The company offers print head products, including Irix, Nitrox, Xaar 2002, Xaar 1003 C, Xaar 1003 U, Xaar 1003 AMx, Xaar 1003 Amp, Xaar 502 S, Xaar 502 O, Xaar 501, Xaar 128, and Xaar 2001+ U; and system components, such as ink system test kit, print manager, hydra ink supply system, midas ink supply system, inkjet development system, head personality card 3, and 2001+ head personality card, as well as industrial inkjet printers, F-Jet24 and bottle jet digital multi-pass scanning systems, and KP-KE analogue systems-pneumatic driven and servo-driven machines. Its products have applications in ceramic tile decoration, graphics, décor, labels and packaging, and additive manufacturing

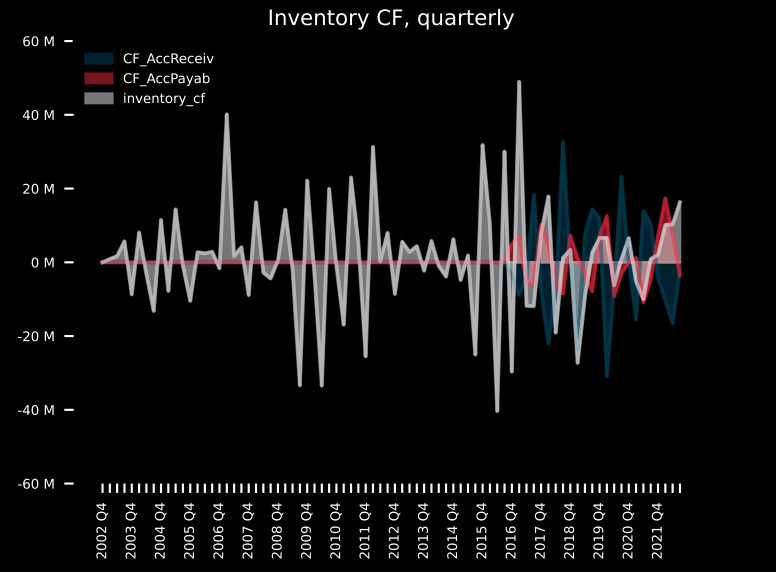
DAKT / Electronic Components / US / 2022-06-25





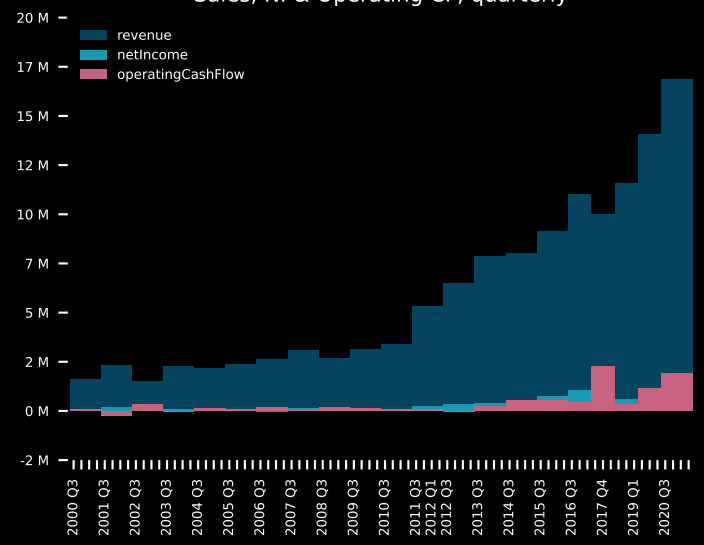


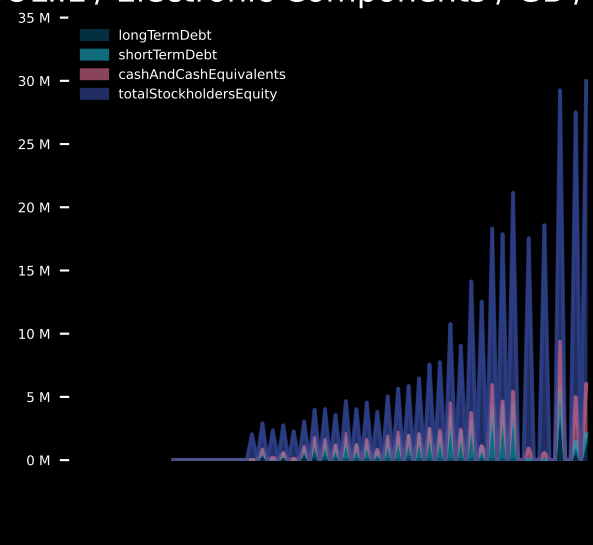


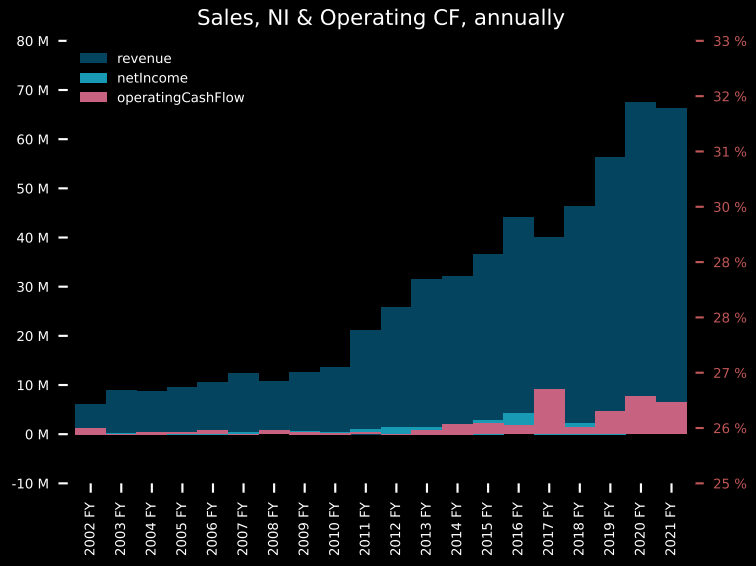


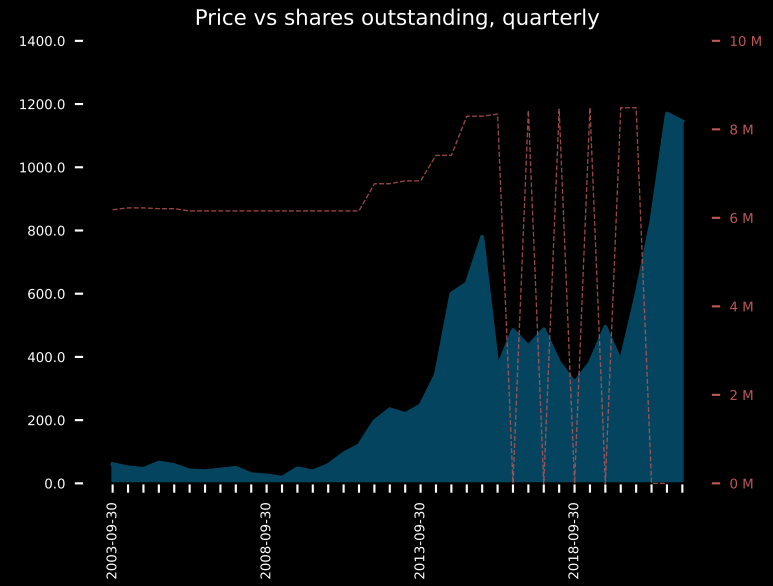
Daktronics, Inc. designs, manufactures, markets, and sells electronic display systems and related products worldwide. It operates through five segments: Commercial, Live Events, High School Park and Recreation, Transportation, and International. The company offers video display systems, such as displays to show various levels of video, graphics, and animation; indoor and outdoor LED video displays, including centerhung, landmark, ribbon board, and corporate office entrance displays, as well as video walls and hanging banners; mobile and modular display systems; architectural lighting and display products; indoor and outdoor scoreboards for various sports, digit displays, scoring and timing controllers, statistics software, and other related products; and timing systems for sports events primarily aquatics and track competitions, as well as swimming touchpads, race start systems, and relay take-off platforms. It also provides

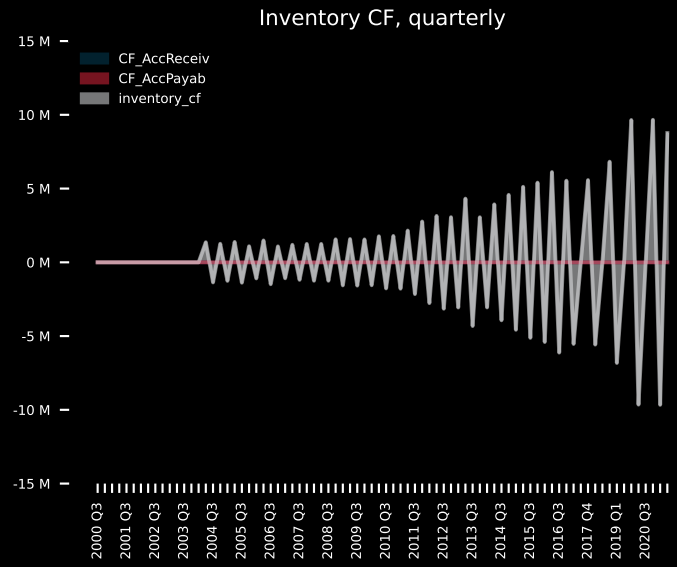
SOLI.L / Electronic Components / GB / 2022-06-25





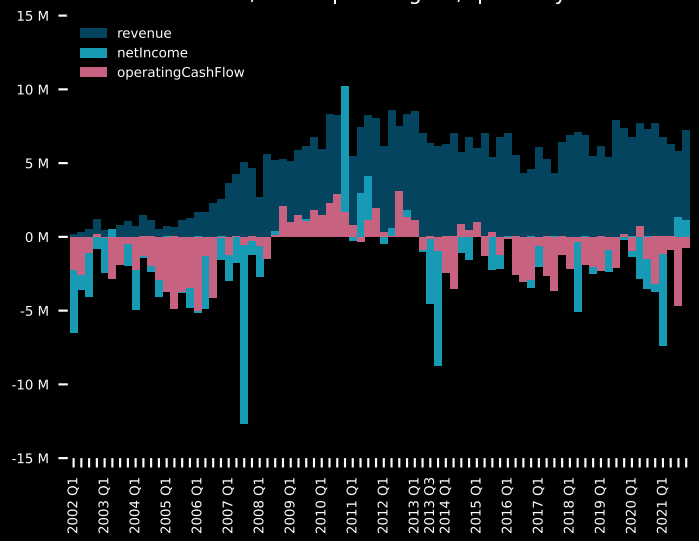


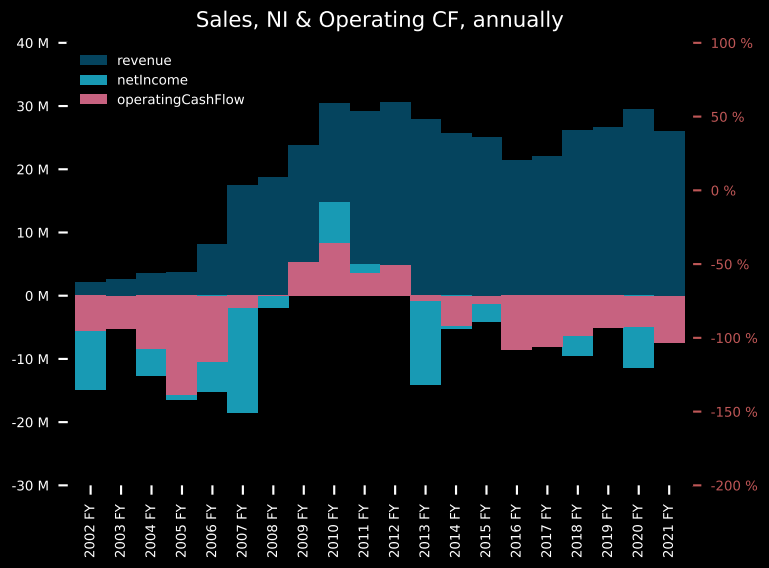


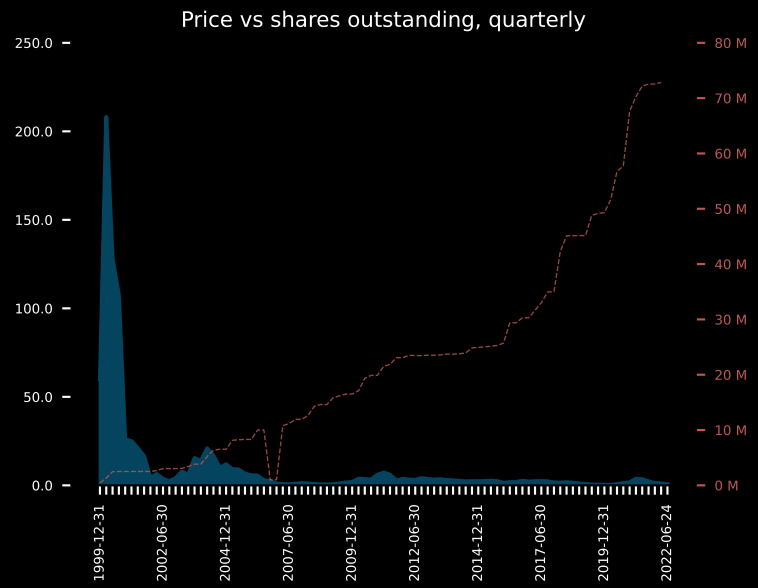


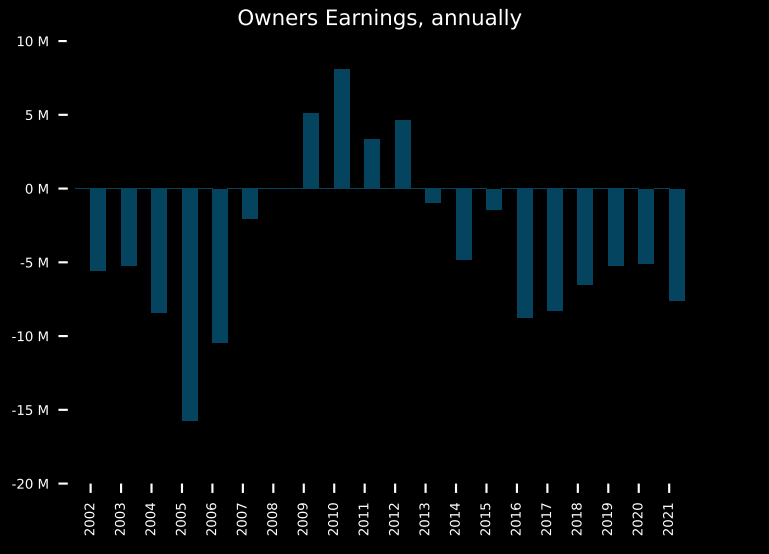
Solid State plc designs and manufactures electronic equipment and supplies the value added electronic components and materials in the United Kingdom, rest of Europe, Asia, North America, and internationally. It operates through, Value Added Services and Manufacturing divisions. The Value Added Services division supplies designed-in products and solutions at the component and sub assembly level to the original equipment manufacturers and the contract electronics manufacturing communities for use in 5G and the Internet of Things, embedded processing, control, wireless and wired communications, electromechanical, power management, optical emitters, sensors, displays, and LED lighting. The Manufacturing division manufactures industrial computers; custom battery packs; and advanced communication systems, including specialist antennas, radios, and video transmission products. This division

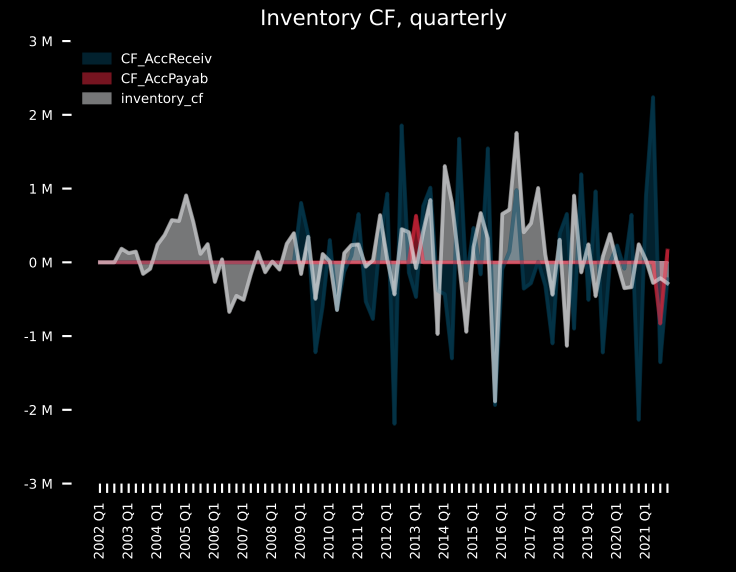
EMAN / Electronic Components / US / 2022-06-24











eMagin Corporation engages in the design, develop, manufacture, and market of organic light-emitting diode (OLED) miniature displays on-silicon micro displays, virtual imaging products that utilize OLED micro displays, and related products in the United States and internationally. It offers super video graphics array (SVGA) + OLED micro displays; digital SVGA OLED-XL; super extended graphics array OLED-XL/XLS; video graphics array OLED-XL; and widescreen ultra-extended graphics array OLED-XL. The company also provides design reference kits, which include a micro display and associated electronics to help original equipment manufacturers (OEMs) to evaluate micro display products; near-eye virtual imaging modules that incorporate its OLED-on-silicon micro displays with its lenses and electronic interfaces for integration into OEM products; prism optics, a molded plastic prism lens that

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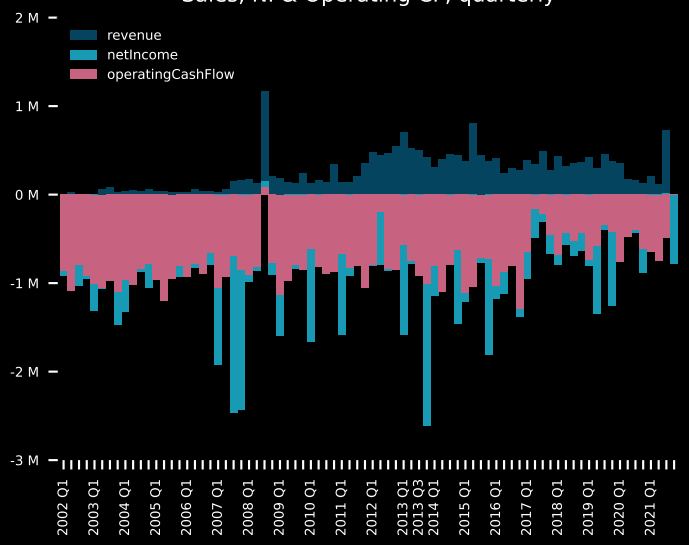
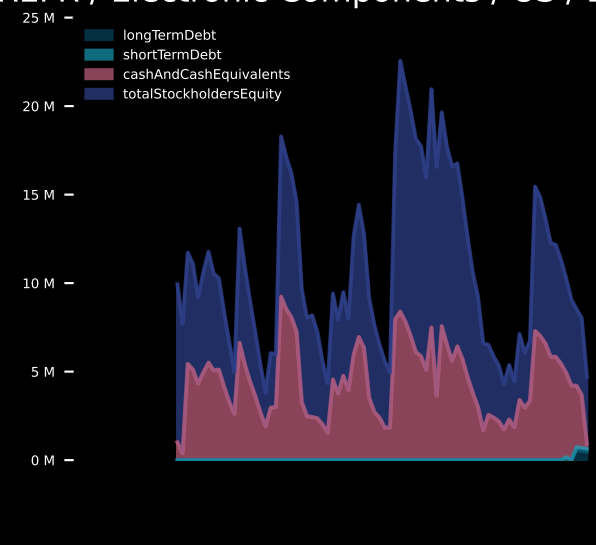
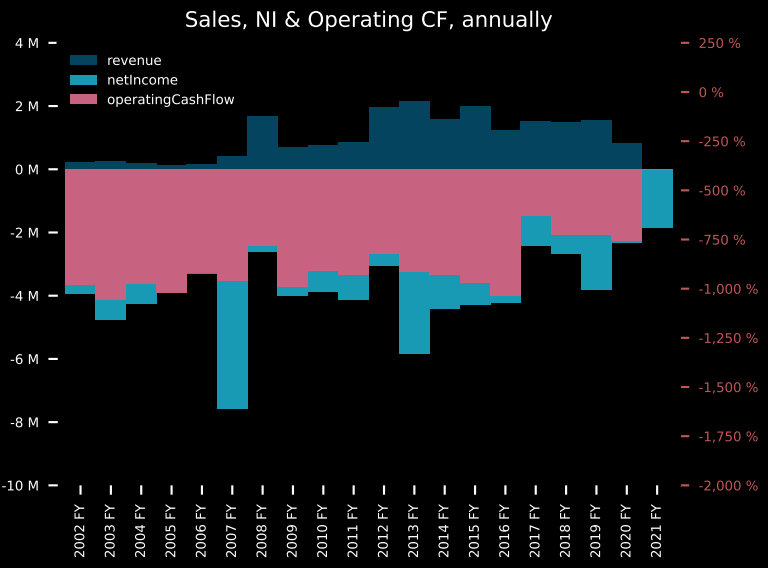
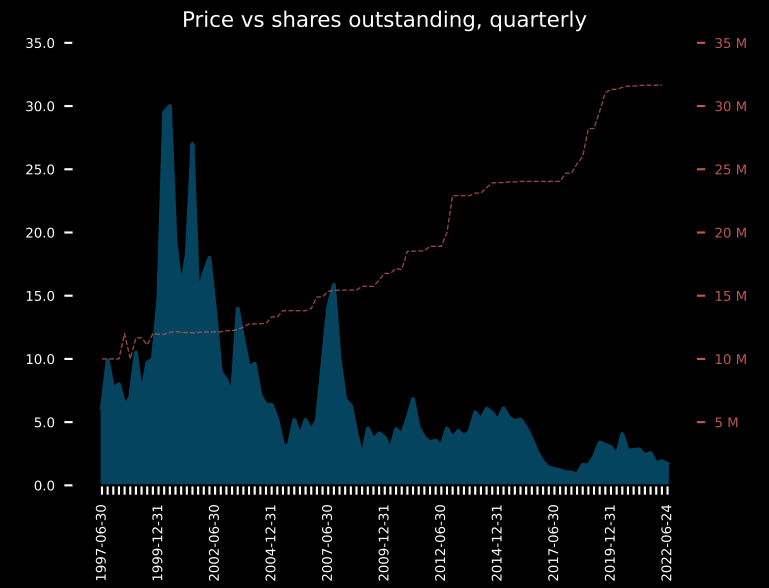
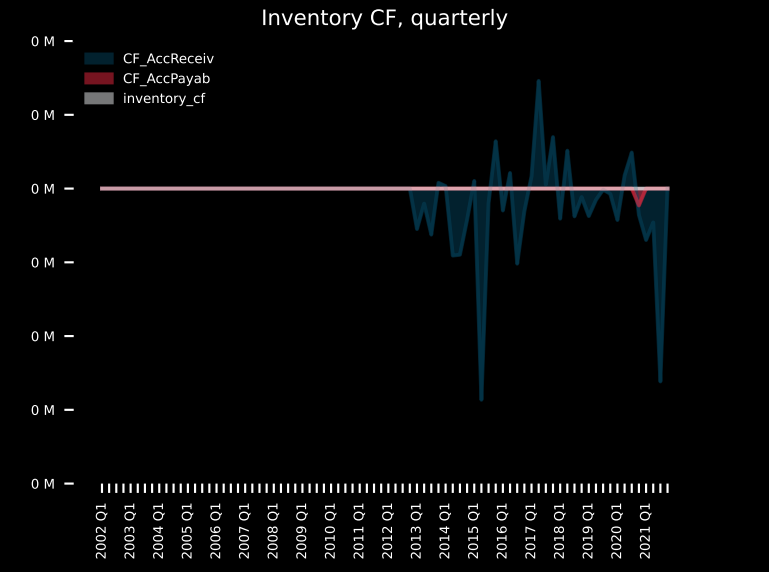




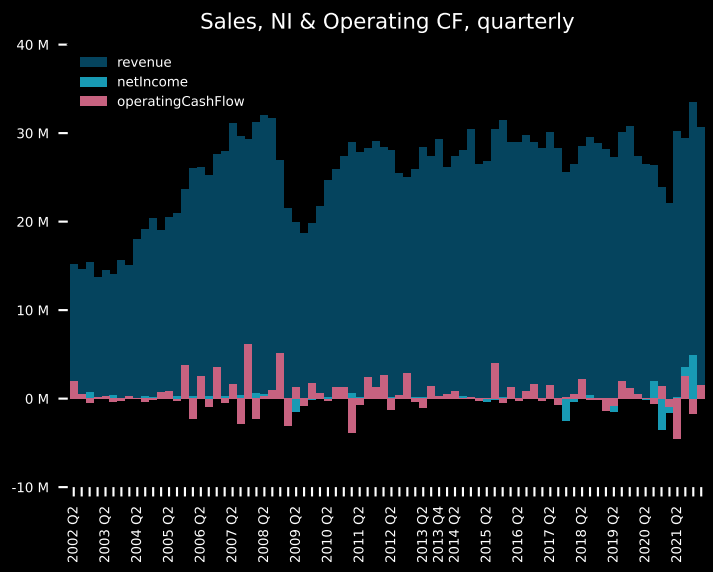


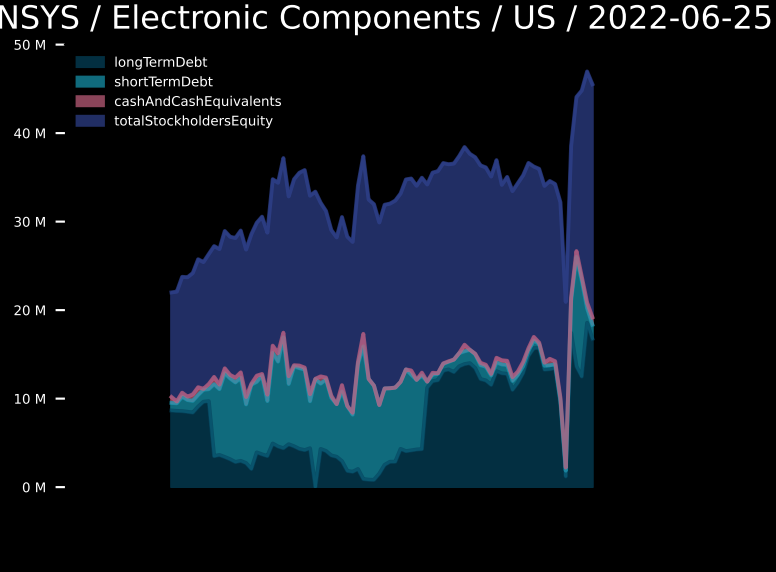


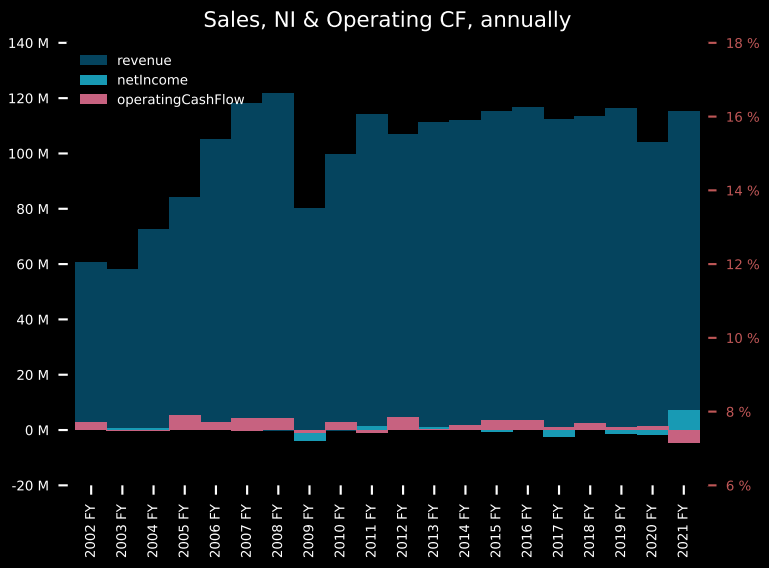


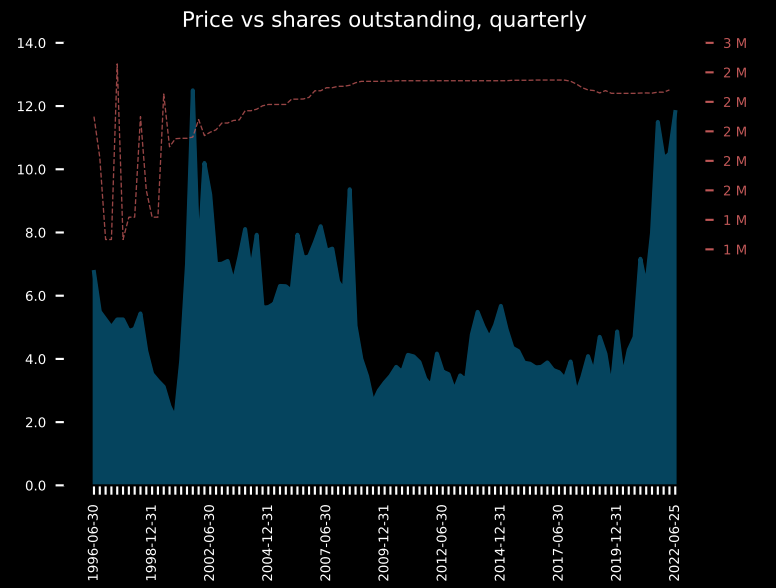
Research Frontiers Incorporated develops and markets technology and devices to control the flow of light worldwide. The company develops and licenses suspended particle device (SPD-Smart) light-control technology to companies that manufacture and market the SPD-Smart chemical emulsion, light-control film made from the chemical emulsion, the light-control panels made by laminating the film, and electronics to power end-products incorporating the film, as well as lamination services for and the end-products, such as windows, skylights, and sunroofs. Its SPD-Smart light-control technology is used in various product applications, including windows, sunshades, skylights, and interior partitions for homes and buildings; automotive windows, sunroofs, sun-visors, sunshades, rear-view mirrors, instrument panels, and navigation systems; aircraft windows; museum display panels, and eyewear products; and flat panel

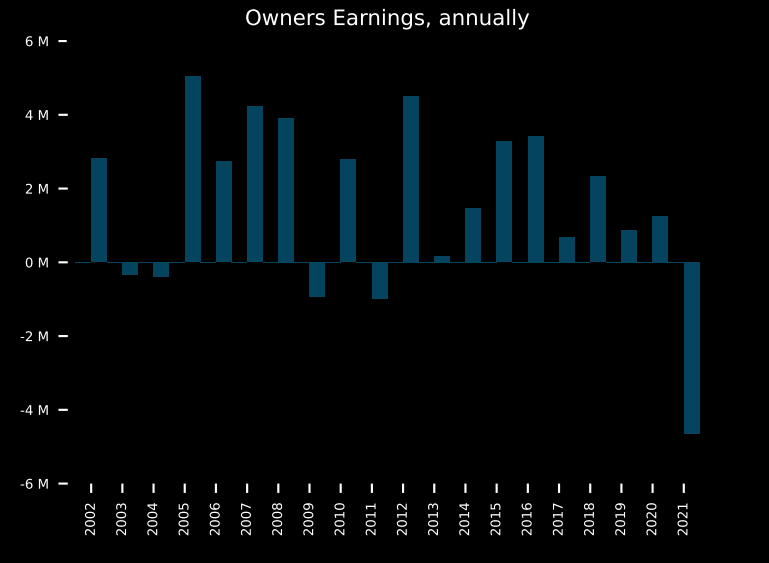
NSYS / Electronic Components / US / 2022-06-25

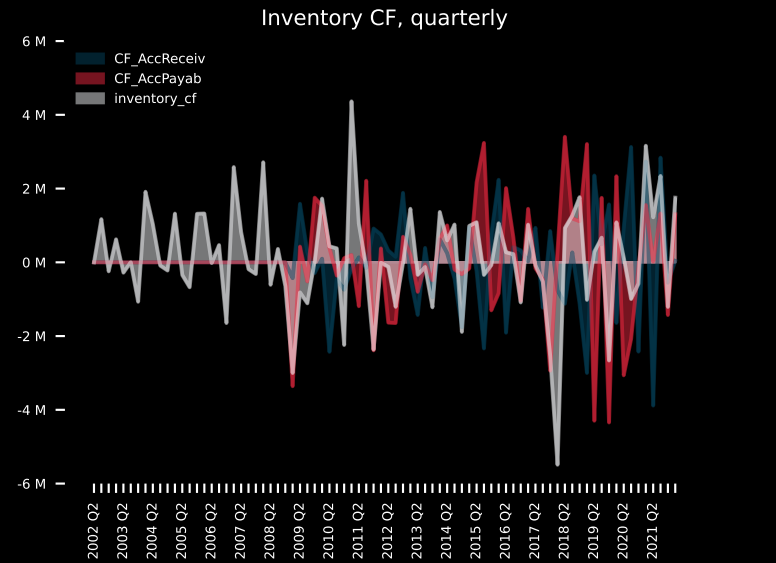






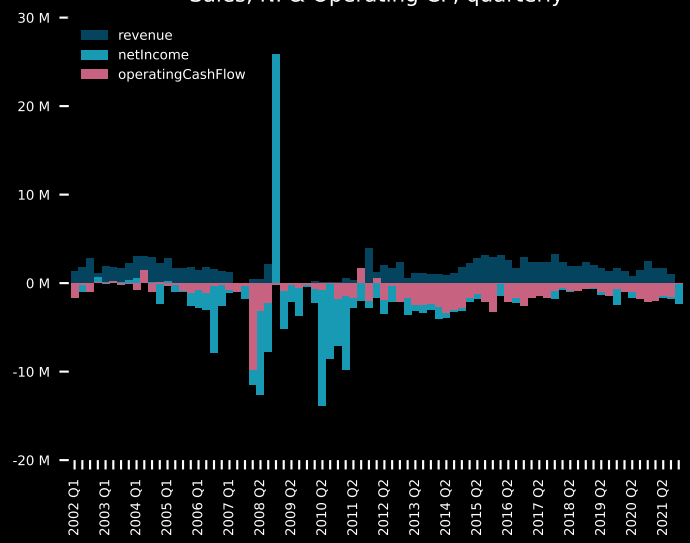


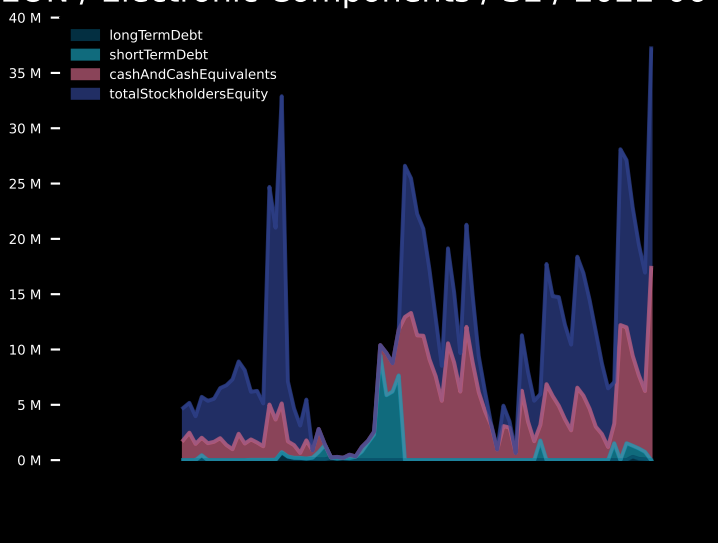


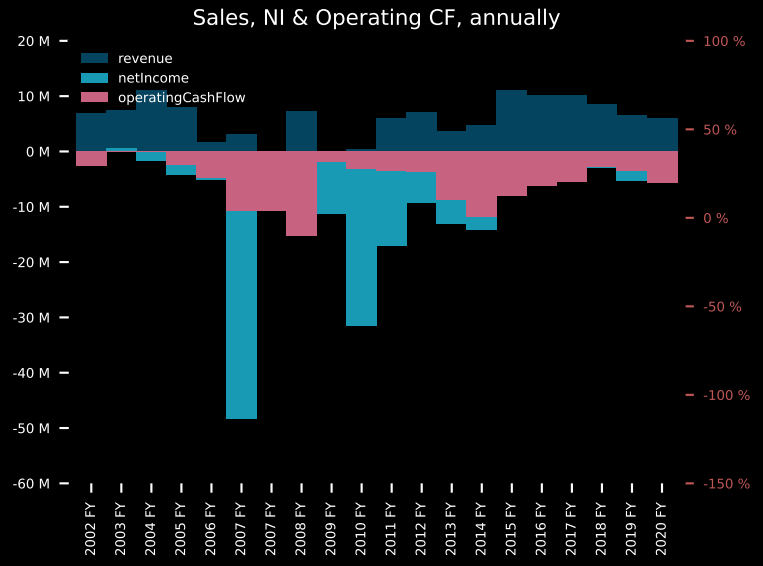


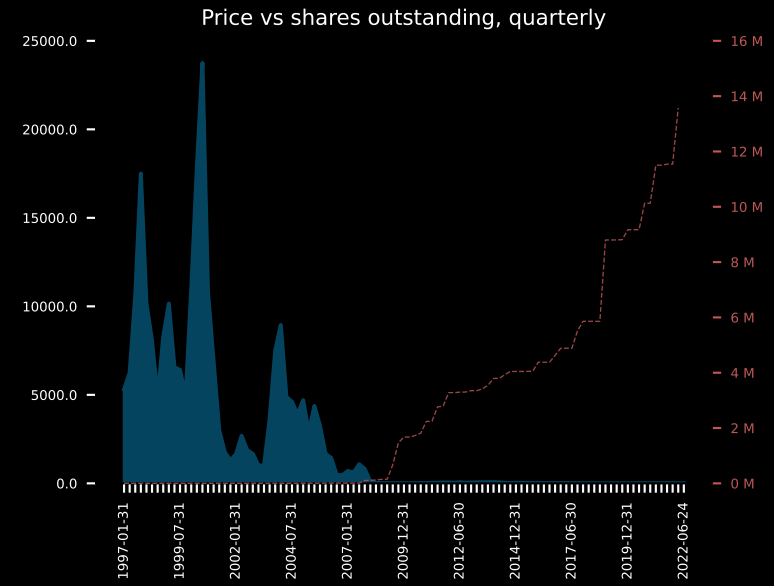
Nortech Systems Incorporated provides design and manufacturing solutions for electromedical devices, electromechanical systems, assemblies, and components in the United States, Mexico, and China. It offers a range of technical and manufacturing, and support services, including project management, designing, testing, prototyping, manufacturing, supply chain management, and post-market services. The company also provides manufacturing and engineering services for medical devices, printed circuit board assemblies, wire and cable assemblies, and higher-level electromechanical assemblies. In addition, it offers engineering and repair services. The company serves original equipment manufacturers in the aerospace and defense, medical, and industrial markets through business development teams and independent manufacturers' representatives. Nortech Systems Incorporated was founded in

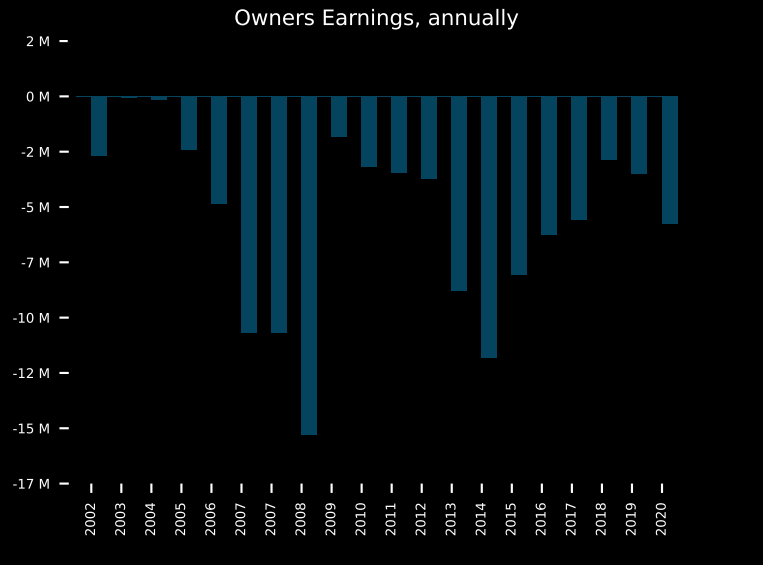
NEON / Electronic Components / SE / 2022-06-24

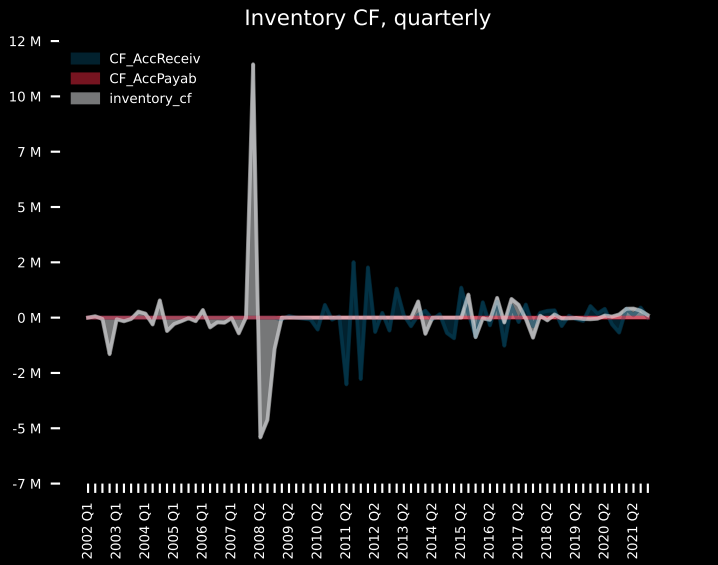






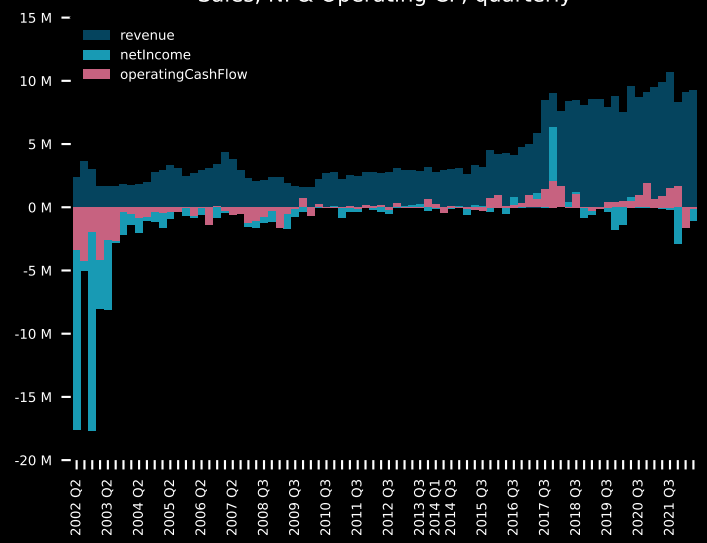


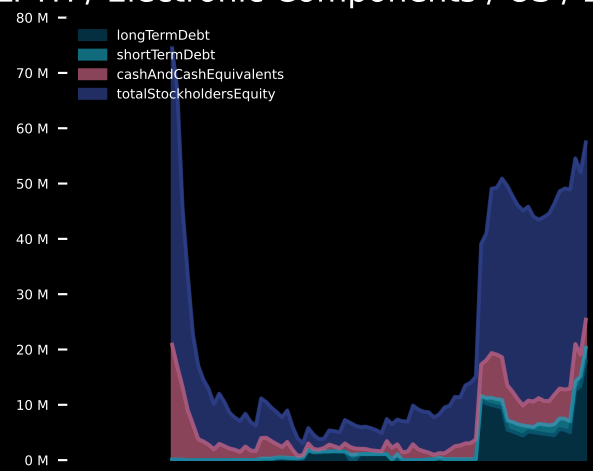


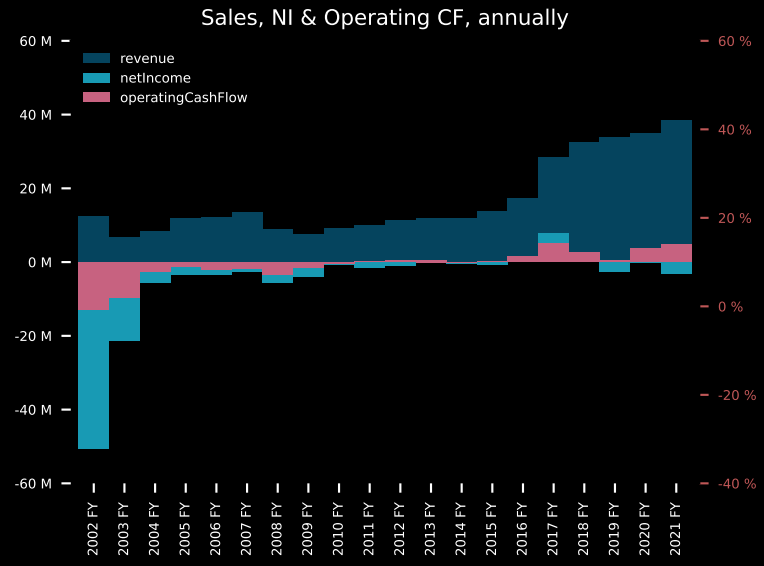


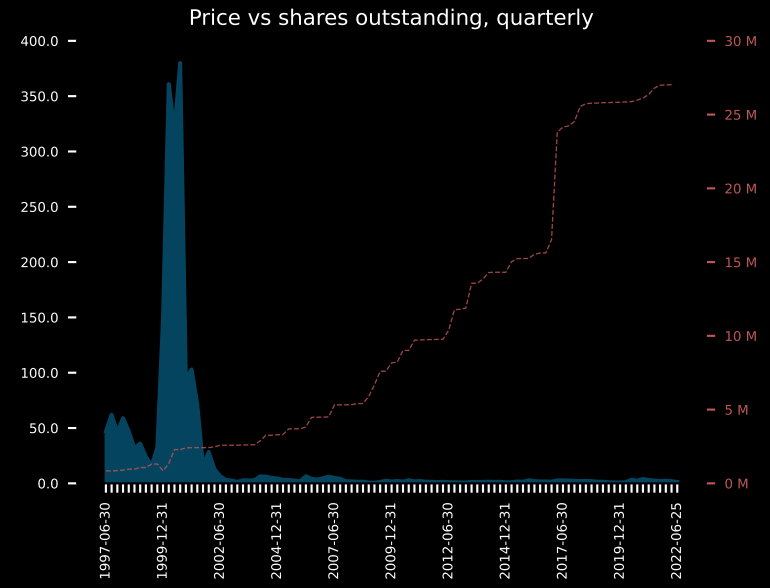
Neonode Inc., together with its subsidiaries, develops optical sensing solutions for contactless touch, touch, and gesture sensing in the United States, Japan, South Korea, China, and internationally. It also offers software solutions for scene analysis using advanced machine learning algorithms to detect and track persons and objects in video streams for cameras and other types of imagers. In addition, the company licenses its technology to original equipment manufacturers (OEMs) and Tier 1 suppliers. Further, it provides embedded sensors modules to OEMs, original design manufacturers, and systems integrators; and engineering consulting services. Additionally, the company sells Neonode branded sensor products, such as AirBar products through distributors. It serves office equipment, automotive, industrial automation, medical, military, and avionics markets. Neonode Inc. was incorporated in 1997 and is

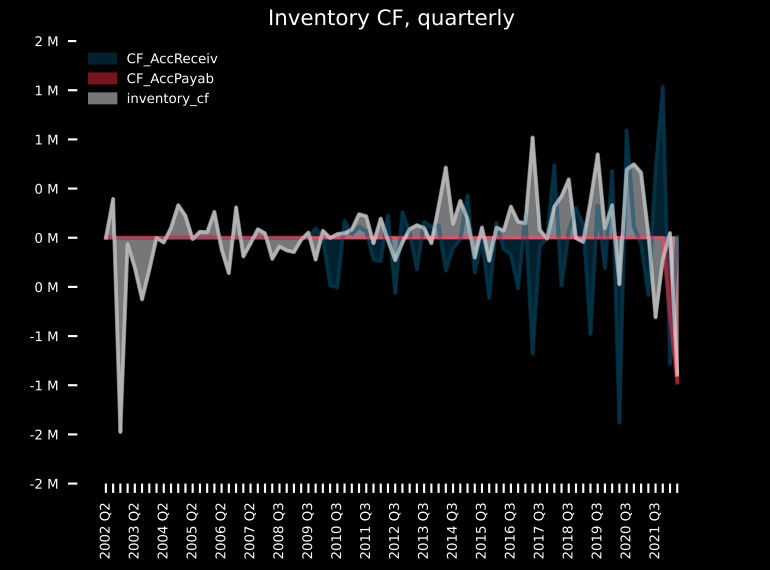
LPTH / Electronic Components / US / 2022-06-25





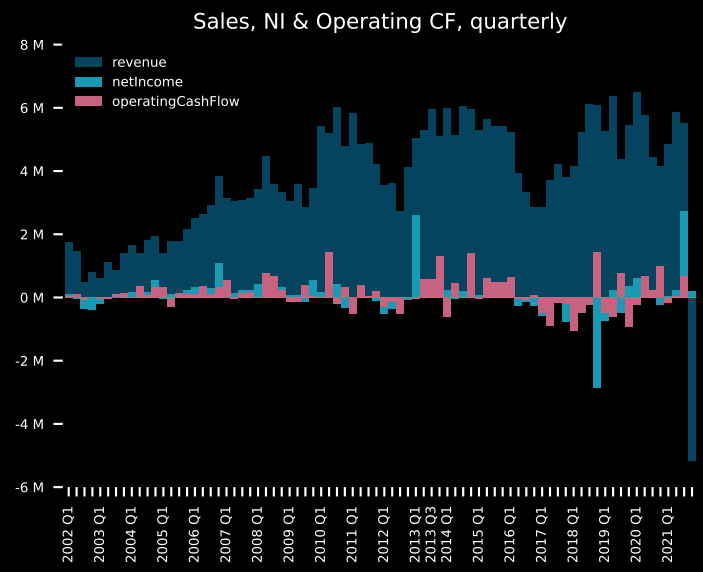


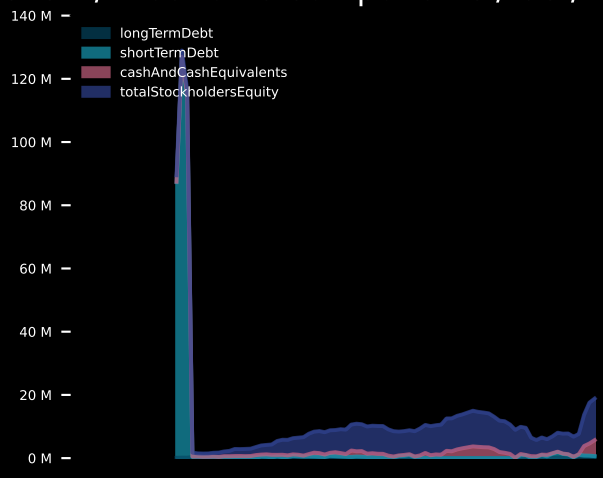


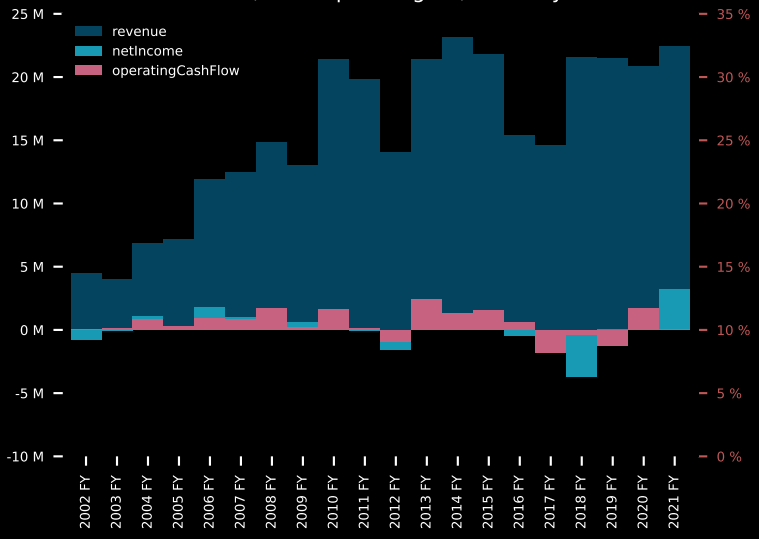


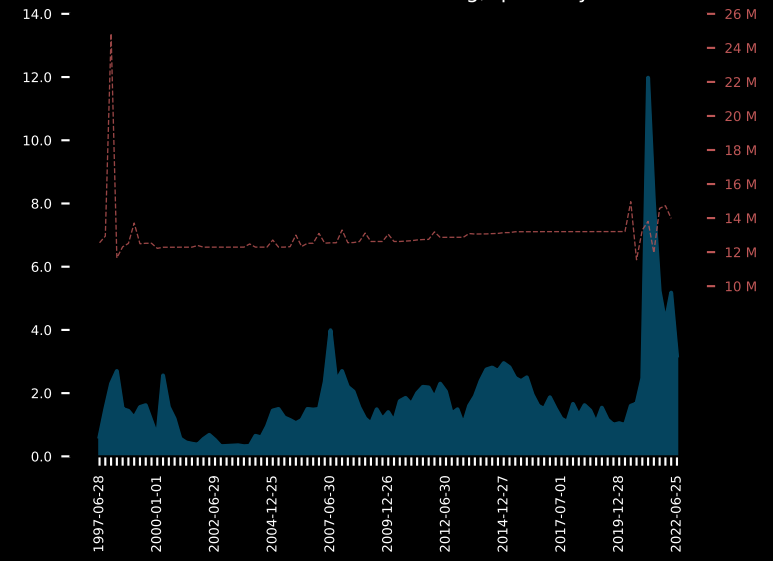
LightPath Technologies, Inc. designs, develops, manufactures, and distributes optical components and assemblies. The company offers precision molded glass aspheric optics, molded and diamond-turned infrared aspheric lenses, and other optical components used to produce products that manipulate light. Its products are used in defense products, medical devices, laser aided industrial tools, automotive safety applications, barcode scanners, optical data storage, hybrid fiber coax datacom, telecommunications, machine vision and sensors, and other industries. The company sells its products directly to customers in North America, Europe, and Asia, as well as through distributors and catalogs in the United States and internationally. LightPath Technologies, Inc. was founded in 1985 and is headquartered in Orlando, Florida.

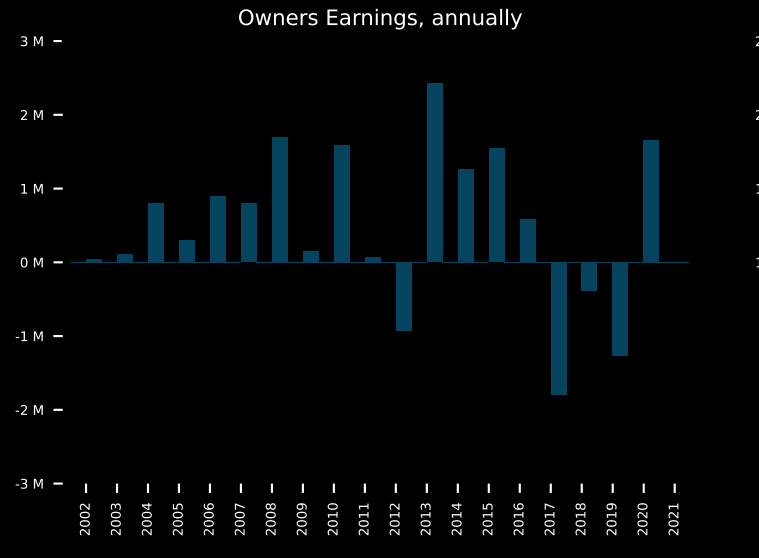
CPSH / Electronic Components / US / 2022-06-25

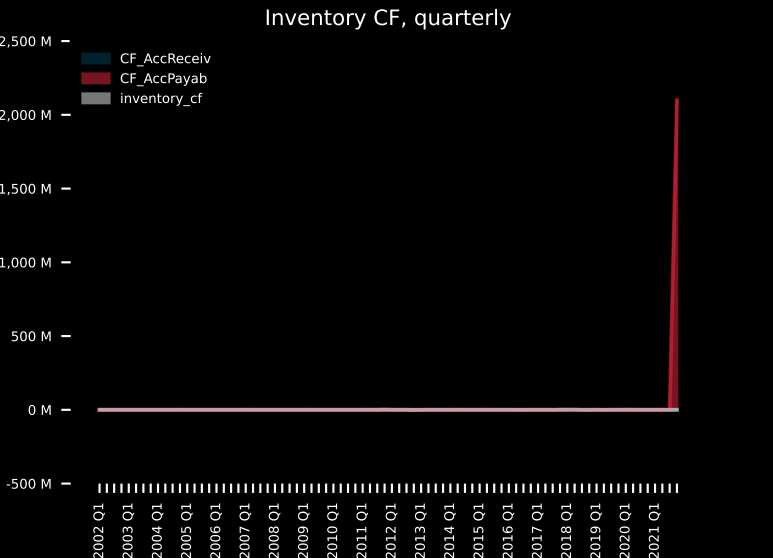






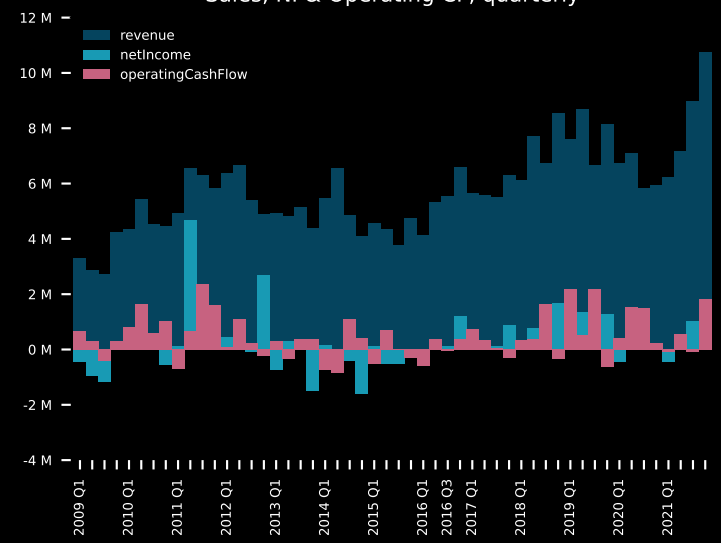


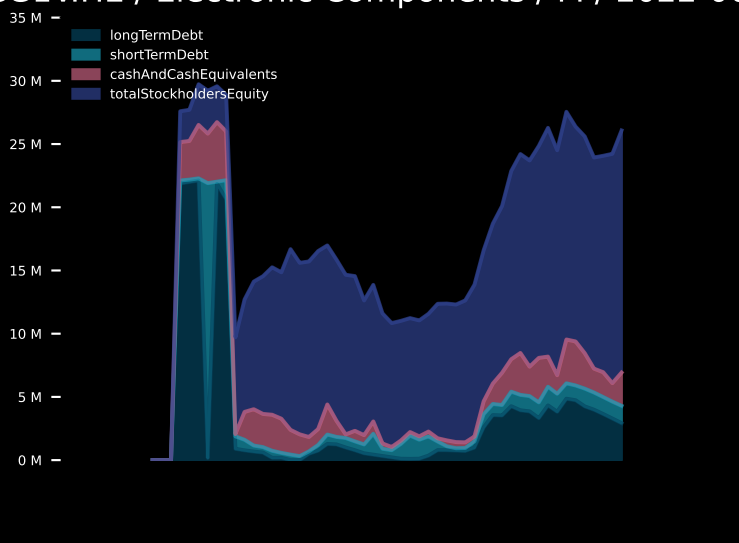


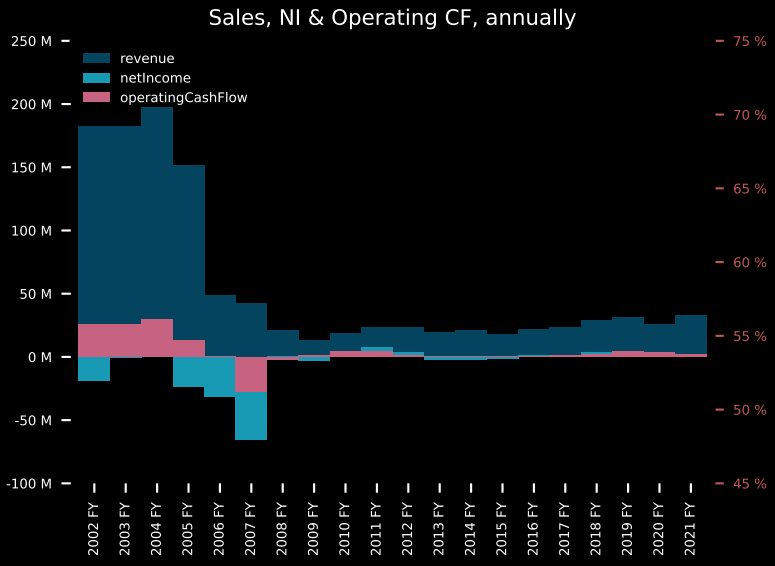


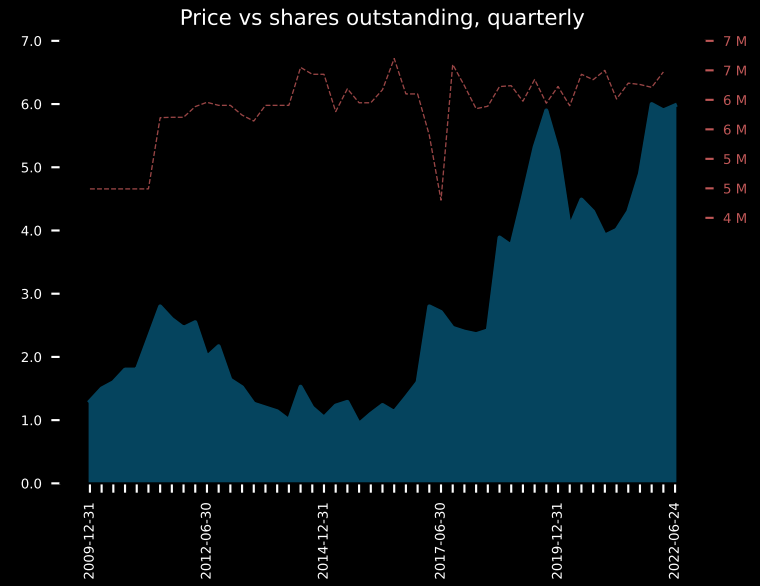
CPS Technologies Corporation produces and sells advanced material solutions to the transportation, automotive, energy, computing/internet, telecommunication, aerospace, defense, and oil and gas markets. It primarily offers metal matrix composites that are a combination of metal and ceramic, such as baseplates for various applications, including motor controllers used in electric trains, subway cars, wind turbines, and hybrid and electric vehicles; hermetic packages for use in radar, satellite, and avionics applications; baseplates and housings used in modules built with wide band gap semiconductors; and lids and heatspreaders used with integrated circuits for use in internet switches and routers. The company also assembles housings and packages for hybrid circuits. It primarily sells its products to microelectronics systems companies in the United States, Europe, and Asia. The company was formerly known as

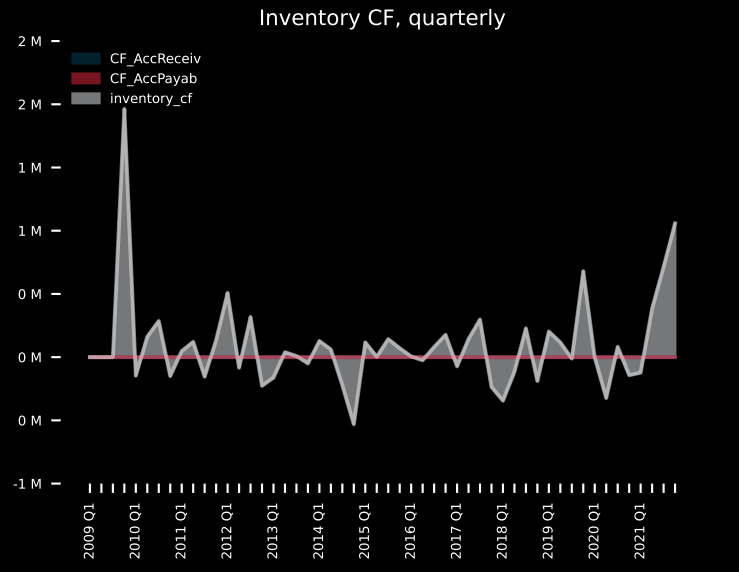
ACG1V.HE / Electronic Components / FI / 2022-06-2





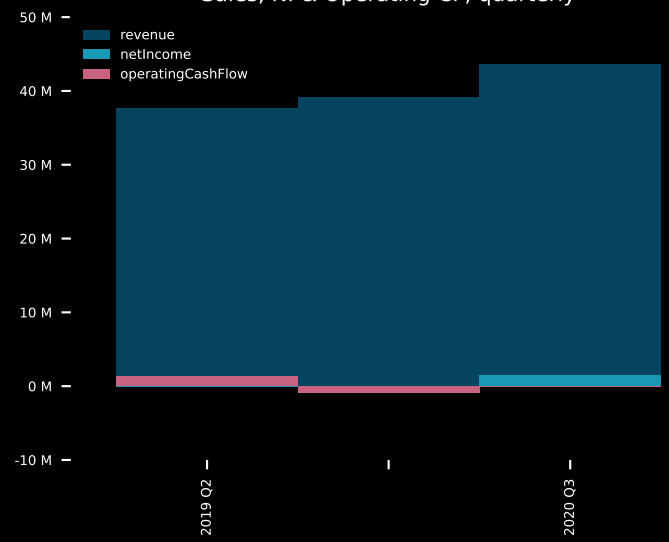


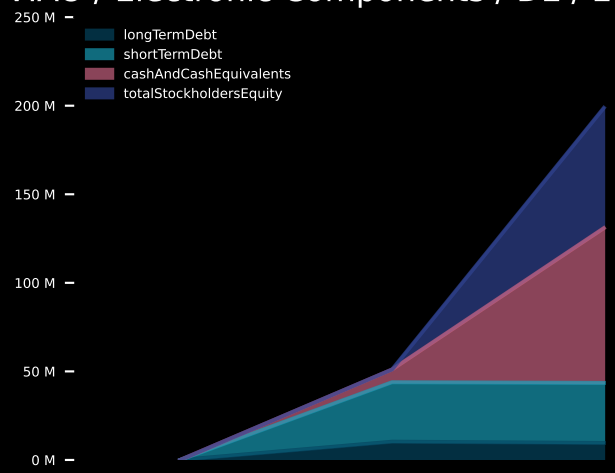


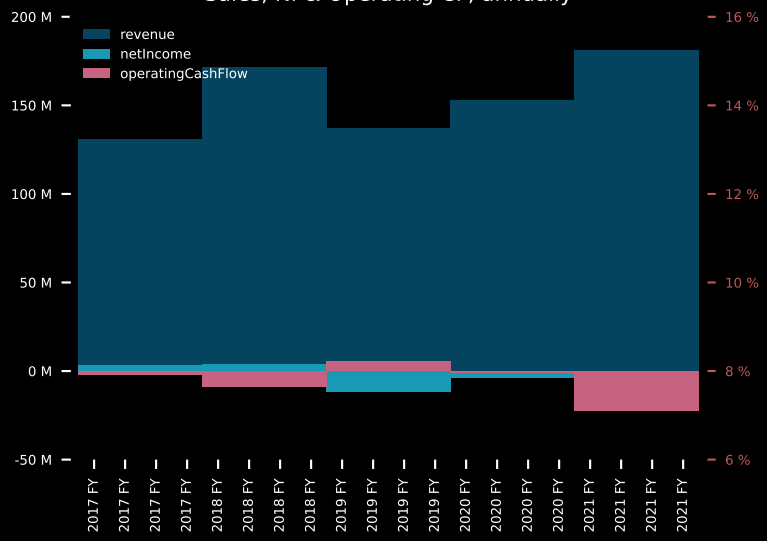


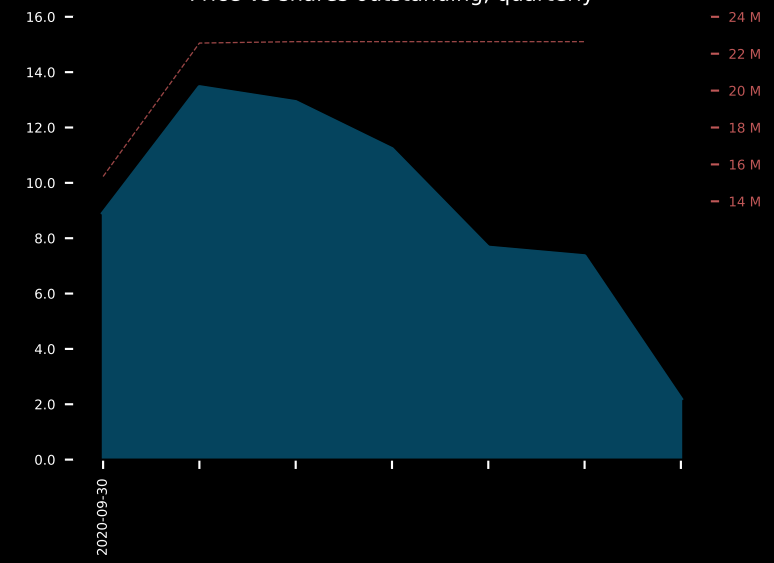
Aspocomp Group Oyj manufactures and sells printed circuit boards (PCBs) in Finland, Europe, and internationally. It offers high speed digital, advanced high density interconnection, high layer count multilayer, and high frequency PCBs, as well as PCBs with component cooling. The company's PCB's are used in various applications in automotive, semiconductor industry, telecommunication infrastructure, and industrial electronics as well as security, and defense and aerospace sectors. It also provides design support, logistics, volume supply, and PCB trading services. The company was incorporated in 1999 and is headquartered in Espoo, Finland.

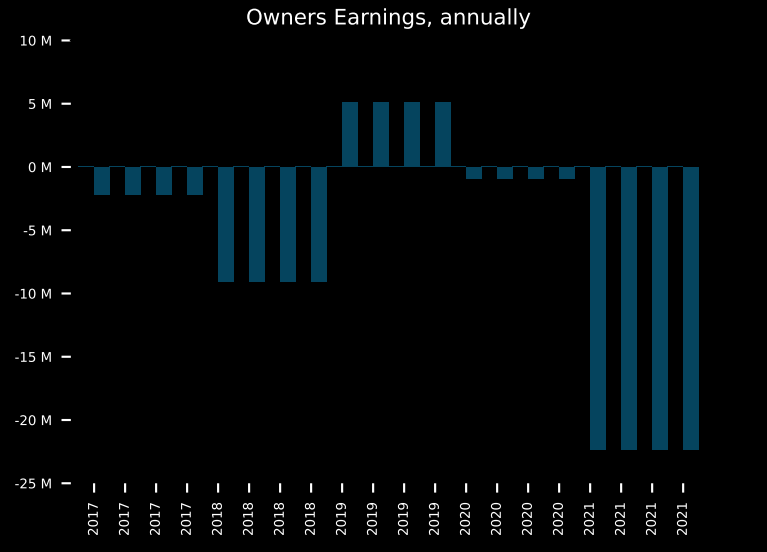
VIAO / Electronic Components / DE / 2022-06-30





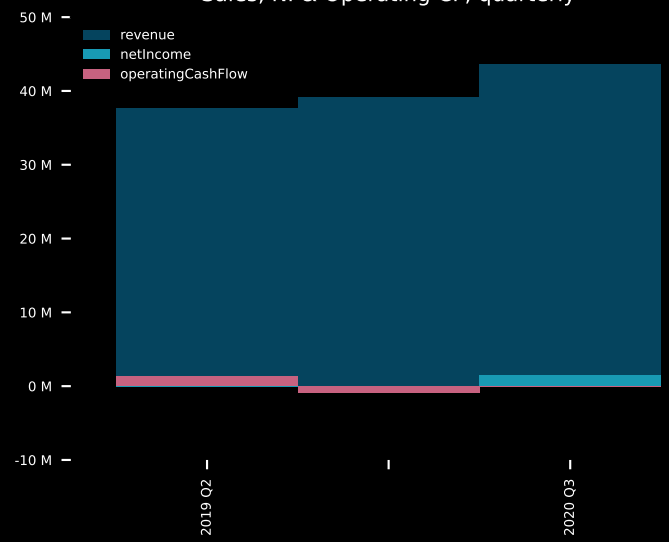


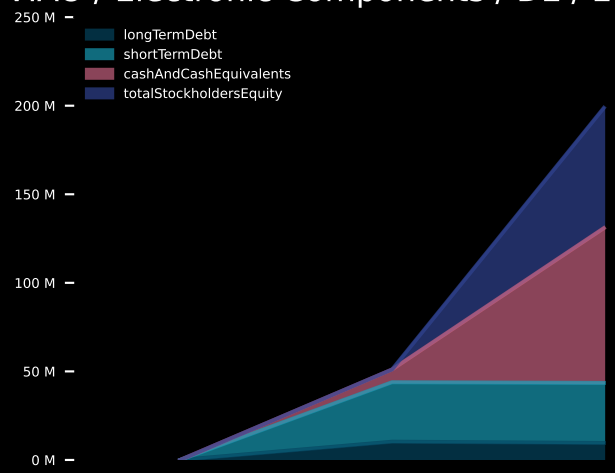


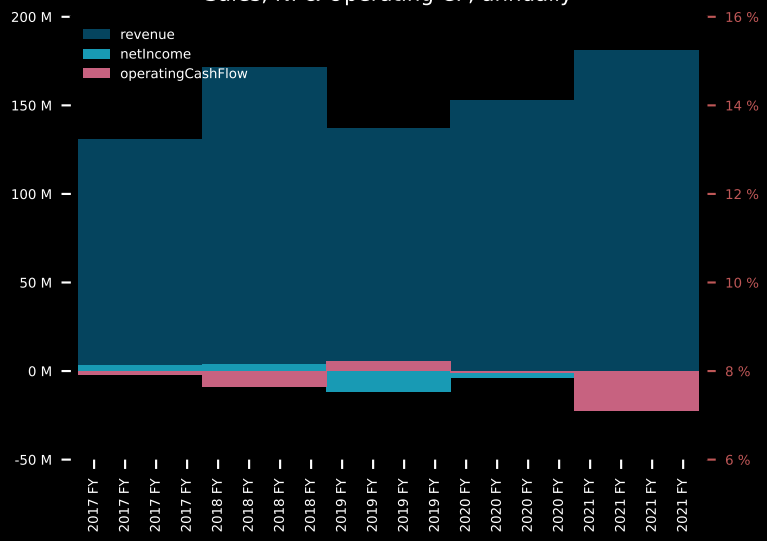


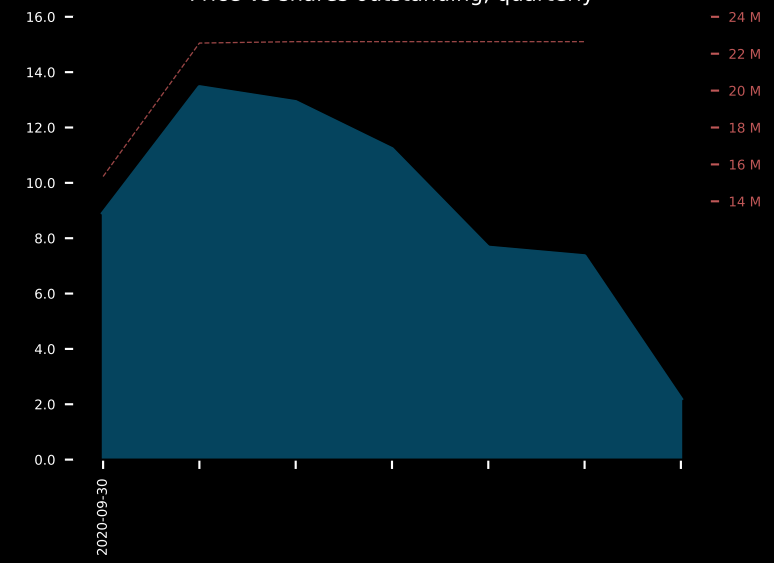
VIA optronics AG, together with its subsidiaries, provides display solutions worldwide. It also develops, manufactures, and sells customized and application-specific metal mesh touch sensors and electrode base film materials for use in touch modules or other touch products. In addition, the company offers interactive display solutions, including curved display panels and solutions integrating multiple display touch assemblies; and optical bonding services, as well as licenses optical bonding process and sells related equipment. It serves automotive, consumer electronics, and industrial/specialized end markets. The company was founded in 2005 and is headquartered in Nuremberg, Germany. VIA optronics AG is a subsidiary of Integrated Micro-Electronics, Inc.

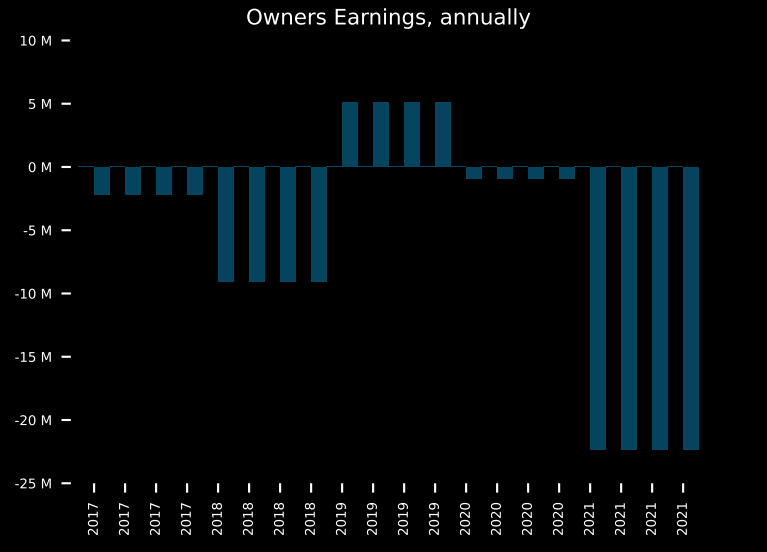
VIAO / Electronic Components / DE / 2022-06-30











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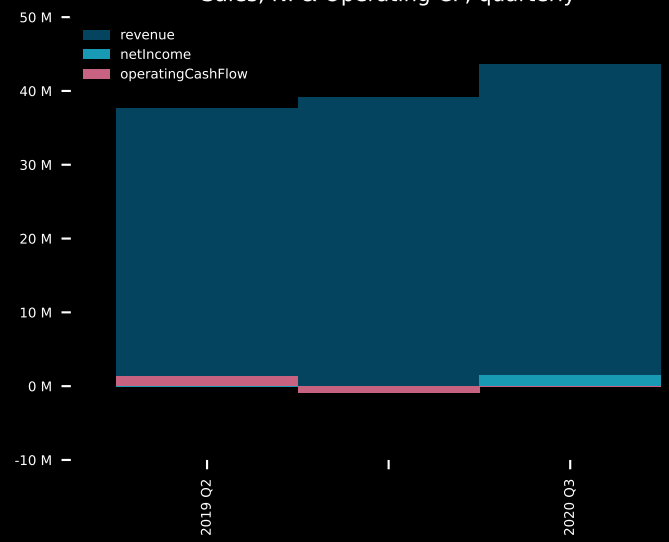
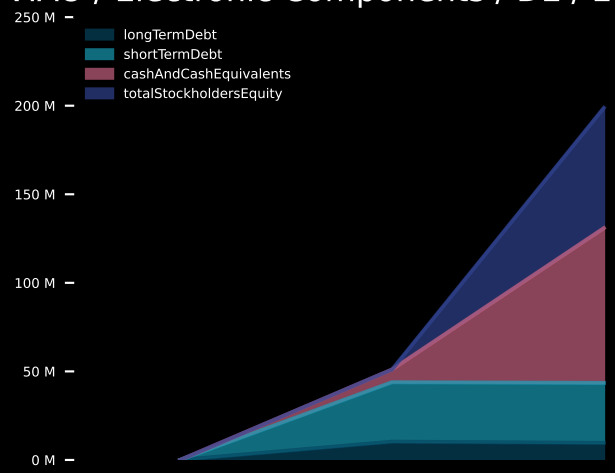
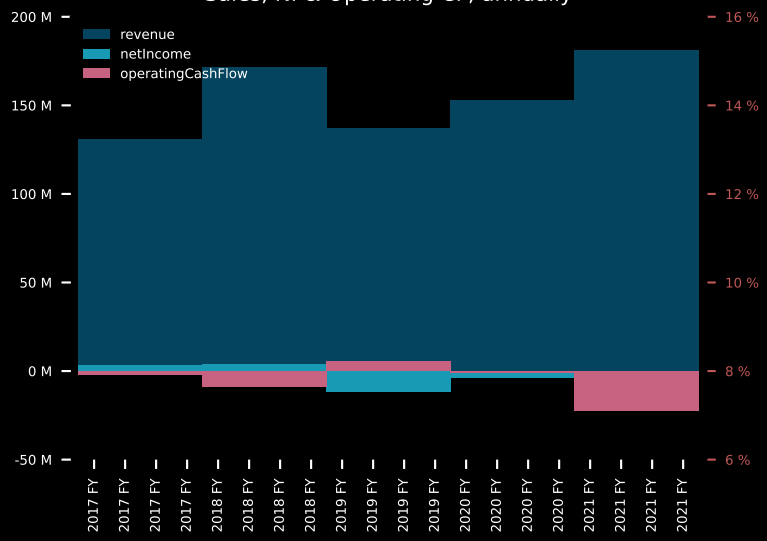
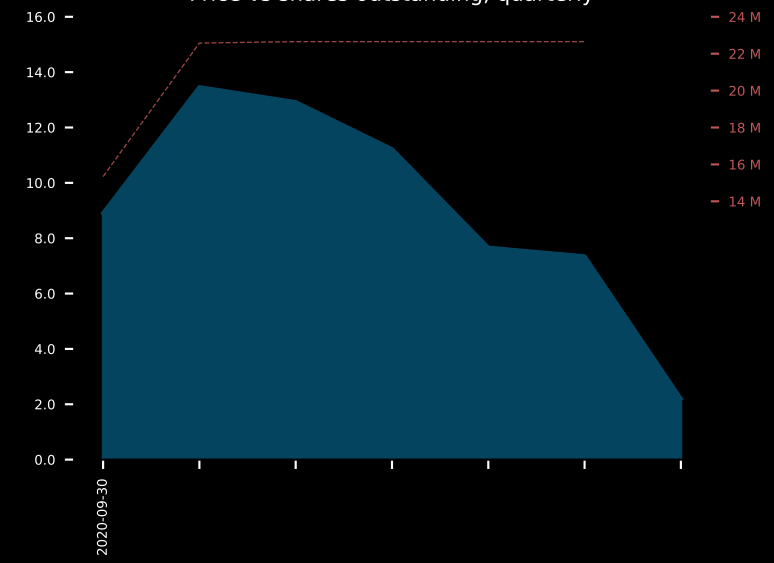
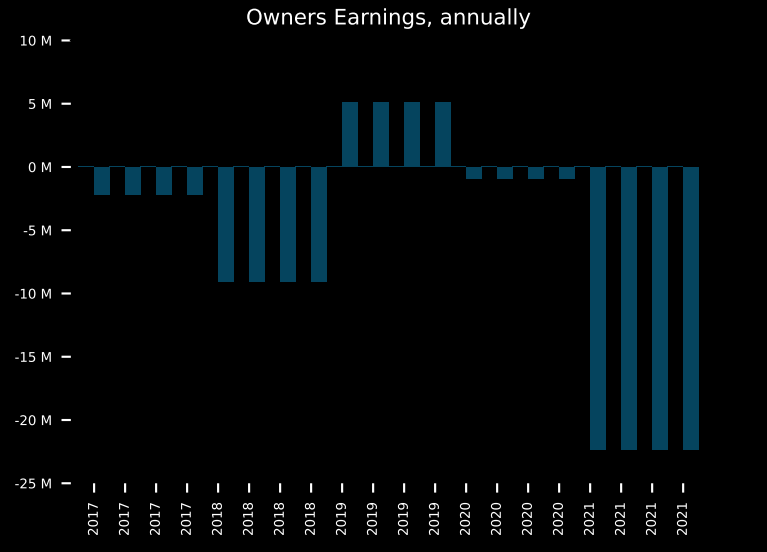
VIAO / Electronic Components / DE / 2022-06-30





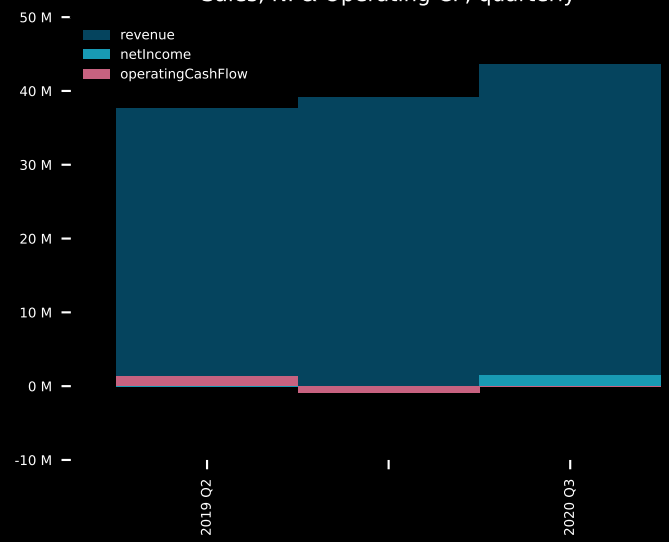


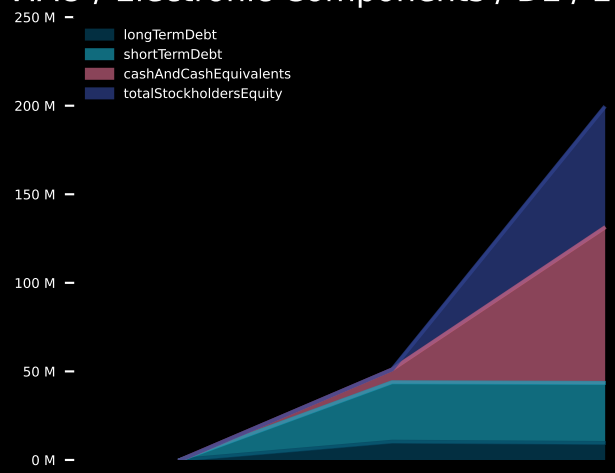


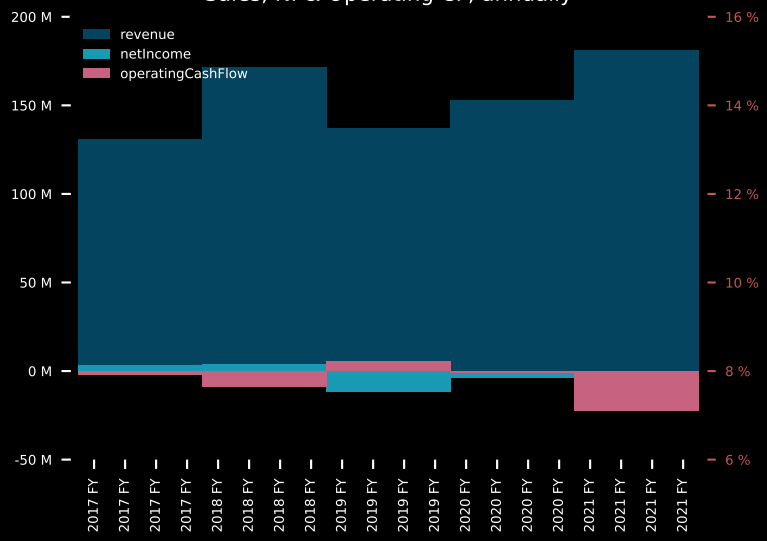


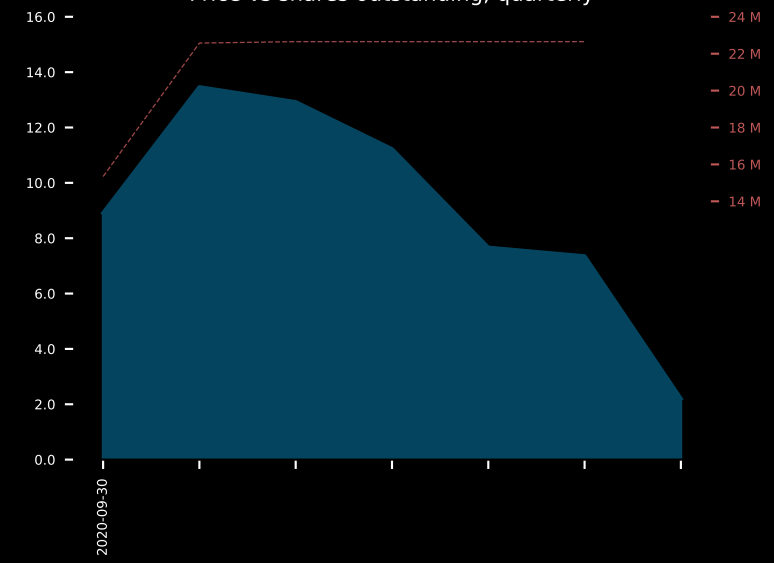
VIA optronics AG, together with its subsidiaries, provides display solutions worldwide. It also develops, manufactures, and sells customized and application-specific metal mesh touch sensors and electrode base film materials for use in touch modules or other touch products. In addition, the company offers interactive display solutions, including curved display panels and solutions integrating multiple display touch assemblies; and optical bonding services, as well as licenses optical bonding process and sells related equipment. It serves automotive, consumer electronics, and industrial/specialized end markets. The company was founded in 2005 and is headquartered in Nuremberg, Germany. VIA optronics AG is a subsidiary of Integrated Micro-Electronics, Inc.

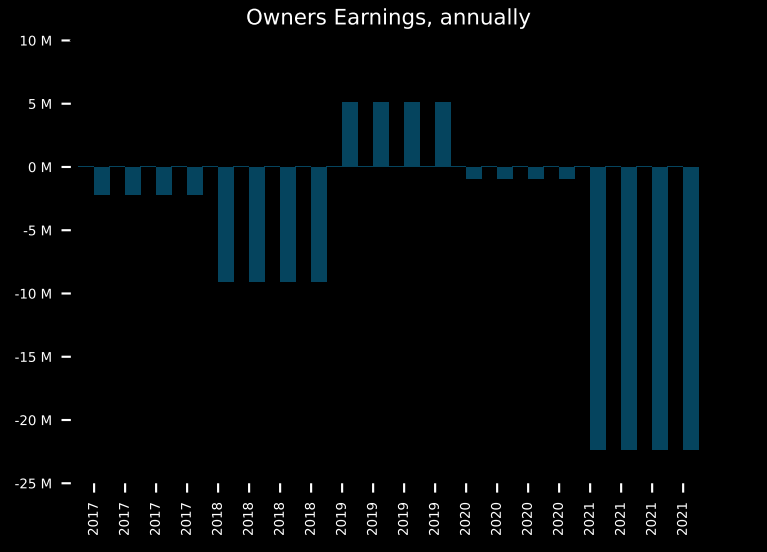
VIAO / Electronic Components / DE / 2022-06-30











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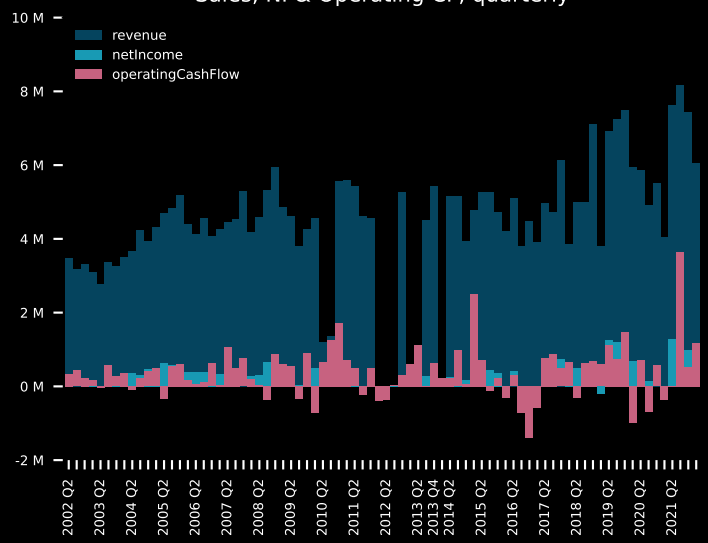
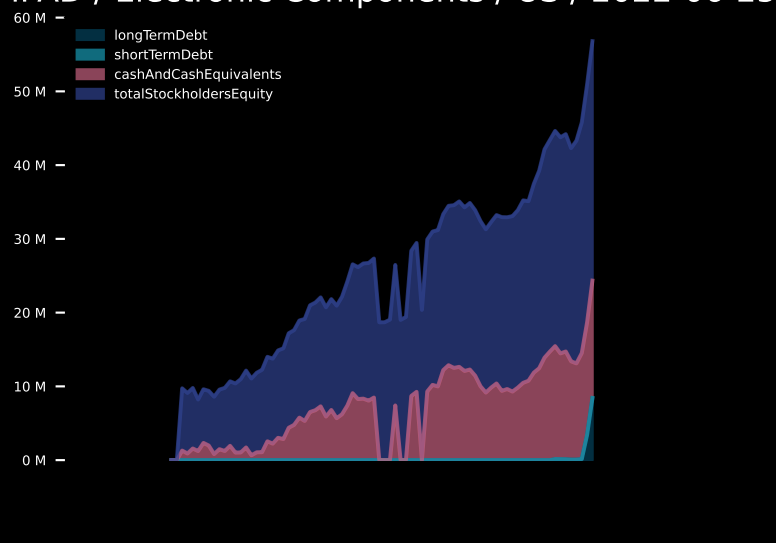
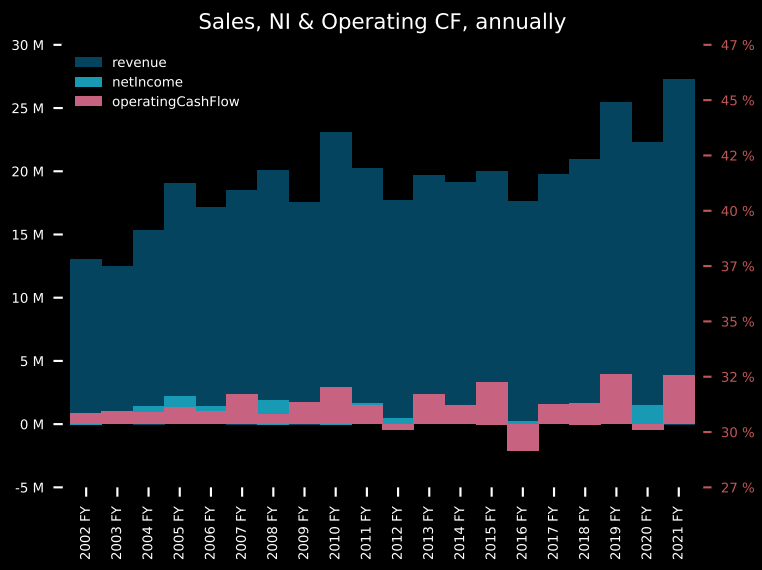
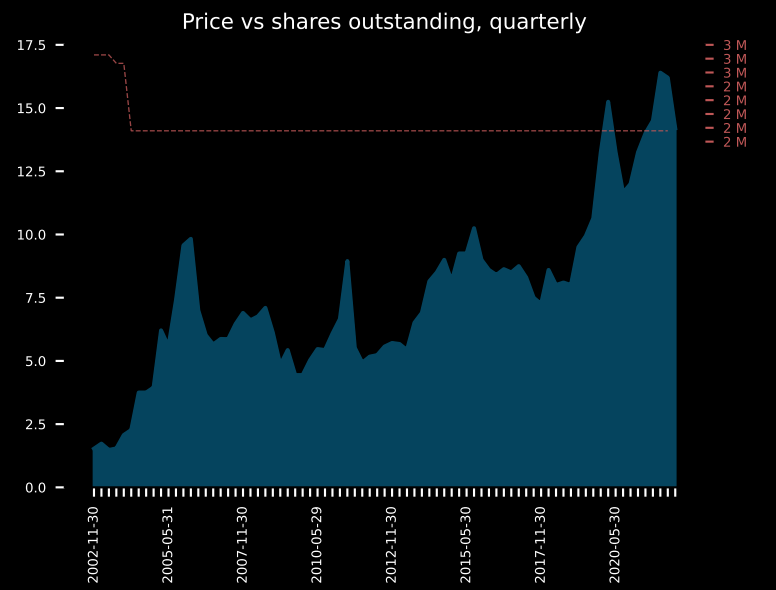
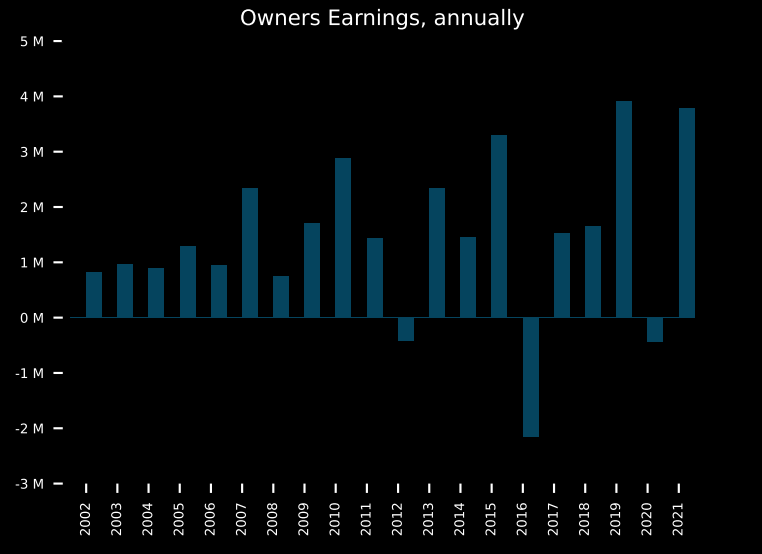
MPAD / Electronic Components / US / 2022-06-25

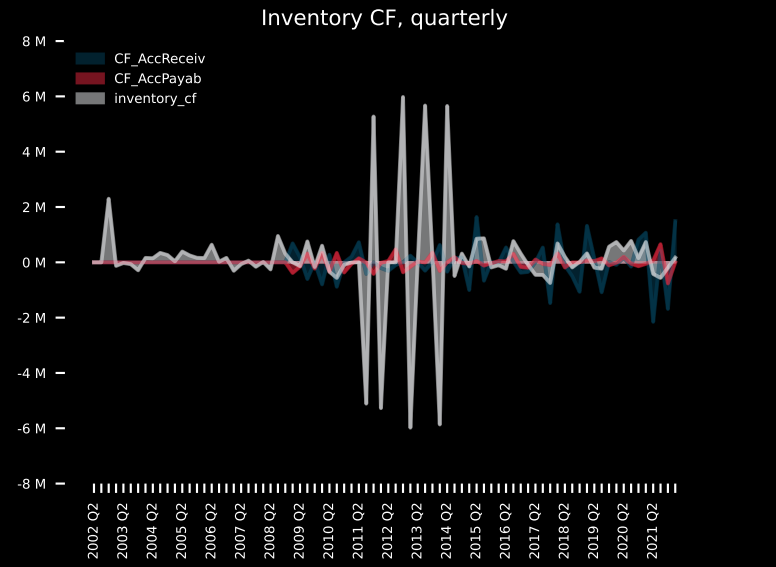






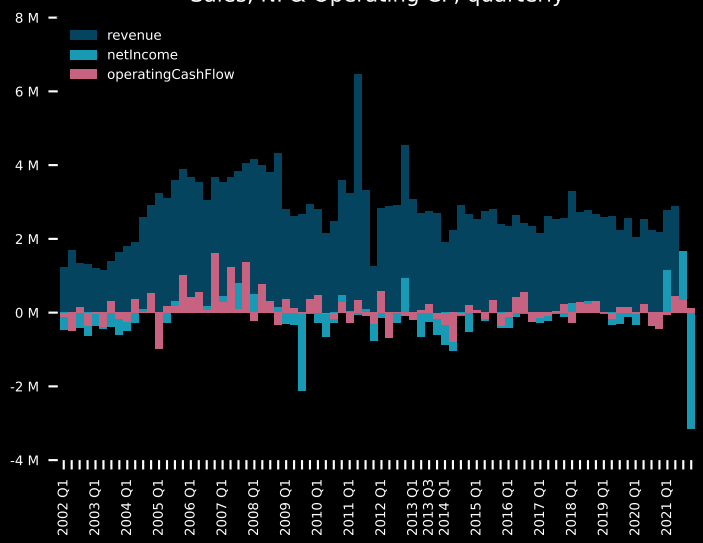


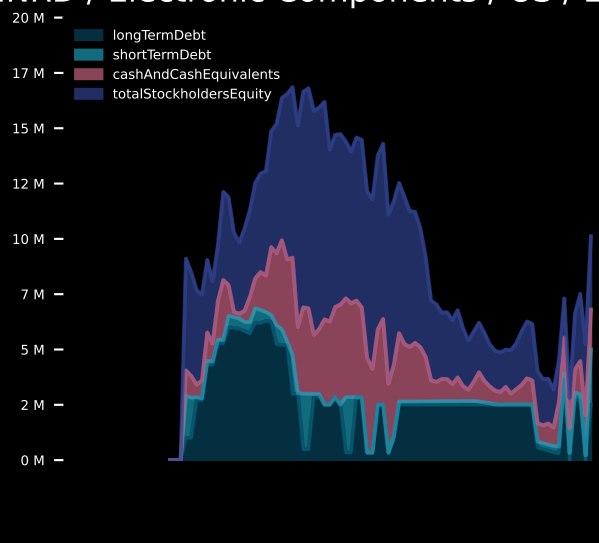


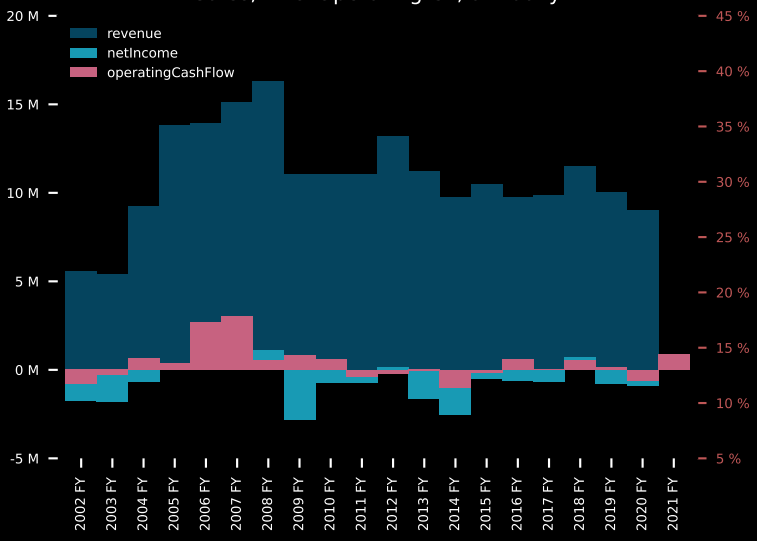


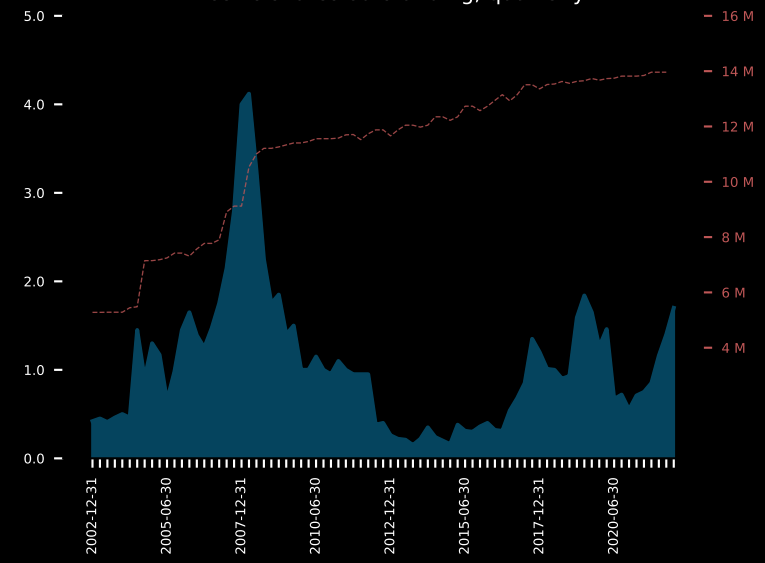
Micropac Industries, Inc. designs, manufactures, and distributes various types of microelectronic circuits. The company's products and technologies include custom design hybrid microelectronic circuits; solid state relays and power controllers; custom optoelectronic assemblies and components; optocouplers; light-emitting diodes; hall-effect sensors; displays; power operational amplifiers; fiber optic components and assemblies; high temperature products; and radiation tolerant electronics. Its products are used as components and assemblies in a range of military, space, and industrial systems, including aircraft instrumentation and navigation systems, satellite systems, power supplies, electronic controls, computers, medical devices, and high-temperature products. The company markets its products through a direct technical sales staff, independent representatives, and independent stocking

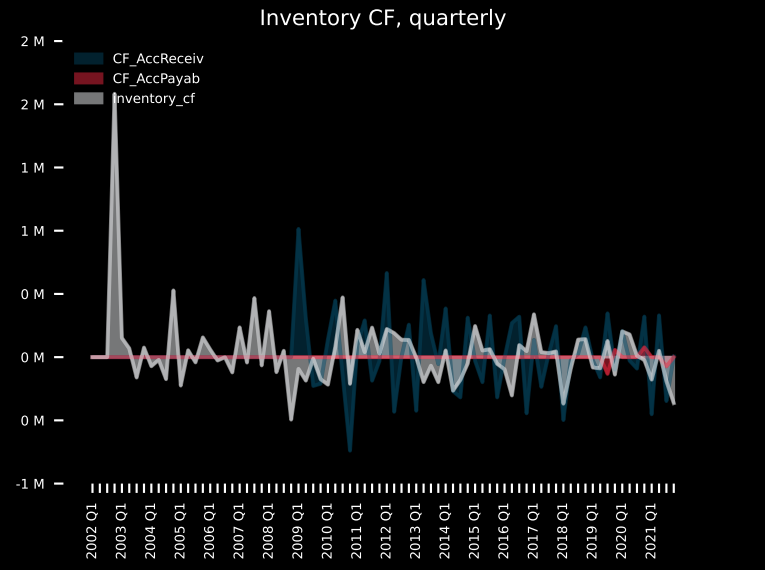
INRD / Electronic Components / US / 2022-06-25





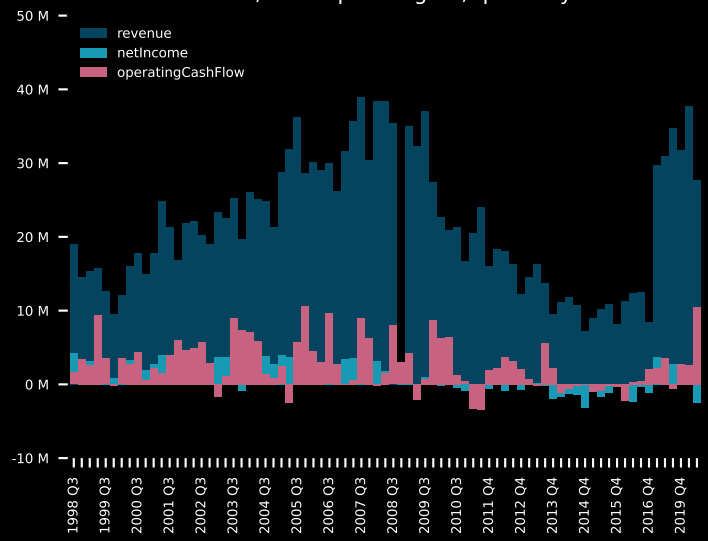


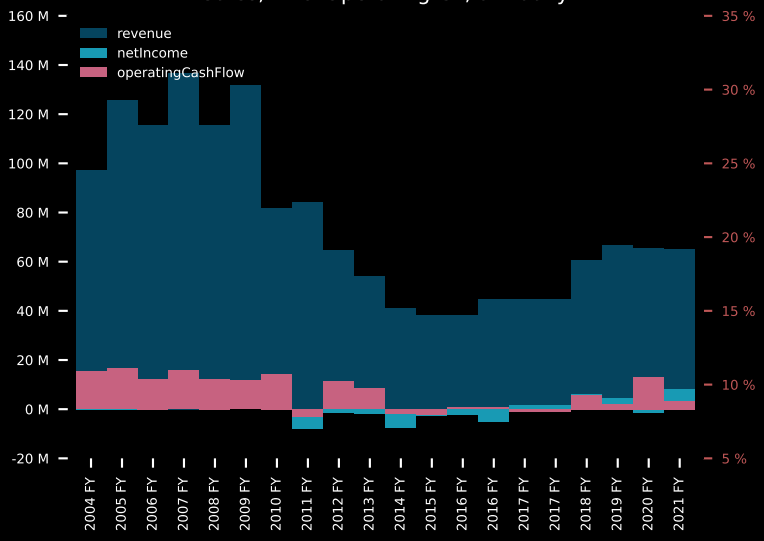


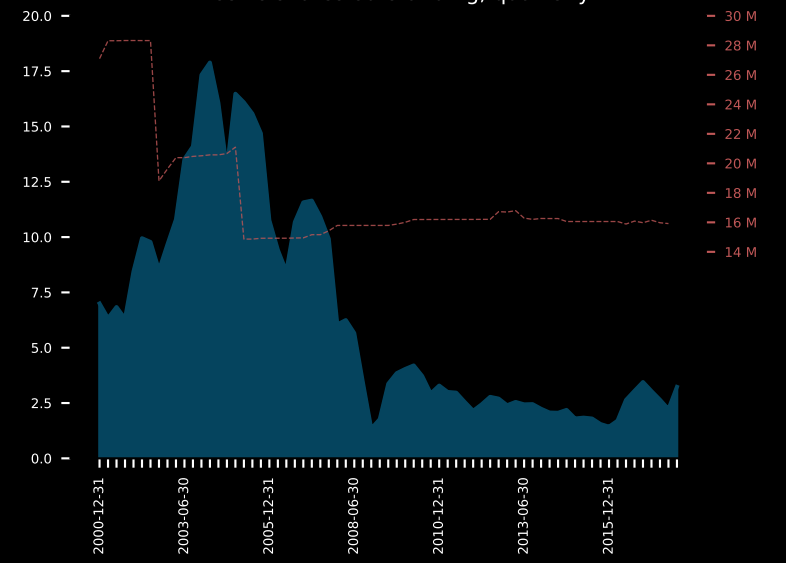


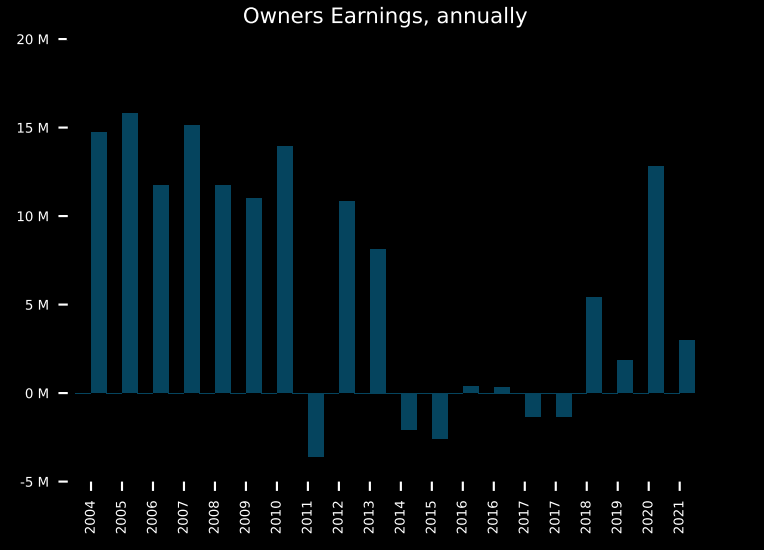
Inrad Optics, Inc., together with its subsidiaries, develops, manufactures, and markets crystal-based optical components and devices, custom optical components, and precision optical and opto-mechanical assemblies worldwide. The company provides optical components, optical coatings, and subassemblies; and UV filter optical components for use in critical applications in defense systems, such as missile warning sensors, as well as opto-mechanical design and assembly services. Its optical components include planar, prismatic, and spherical components fabricated from glass and synthetic crystals; and various components consist of large form factor transmission flats, optical windows for airborne applications, multi-element optical assemblies, lenses, mirrors, polarizing optics, prisms, wave plates, and x-ray

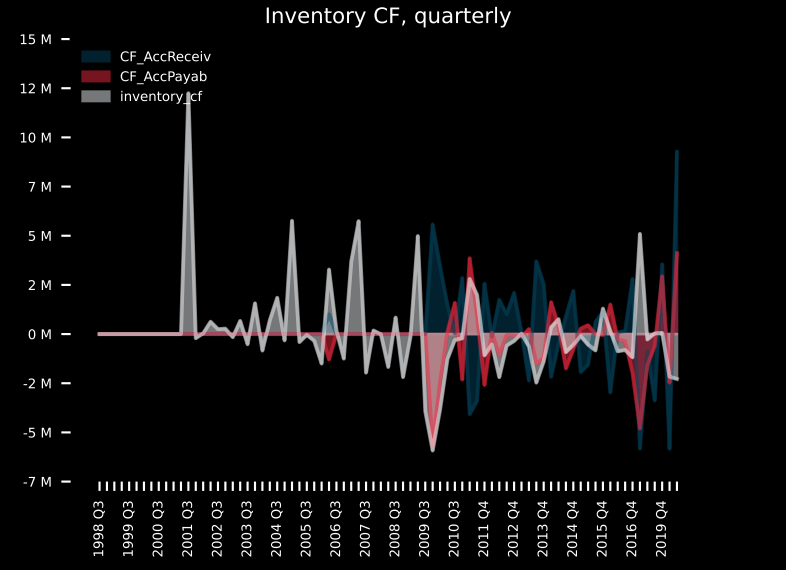
DSWL / Electronic Components / MO / 2022-06-24





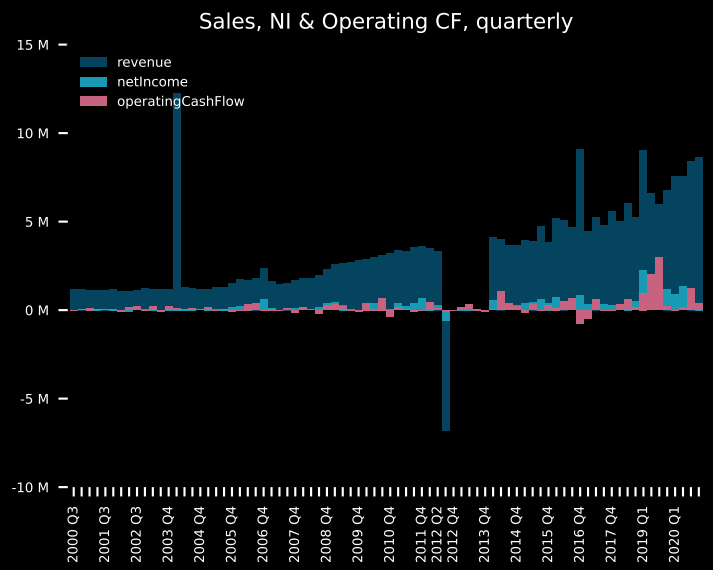


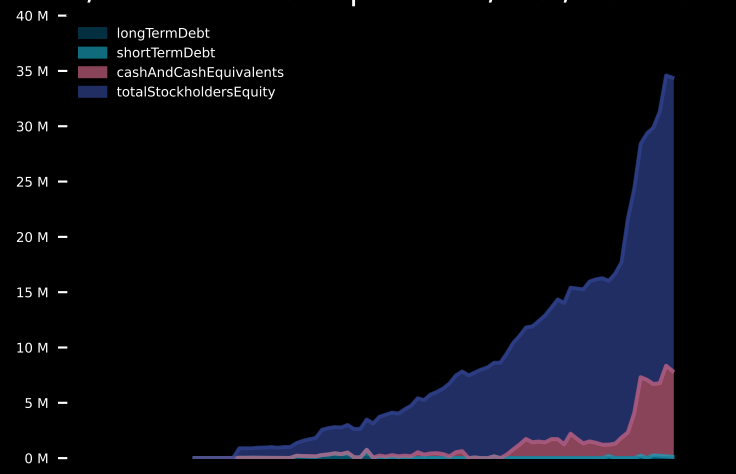


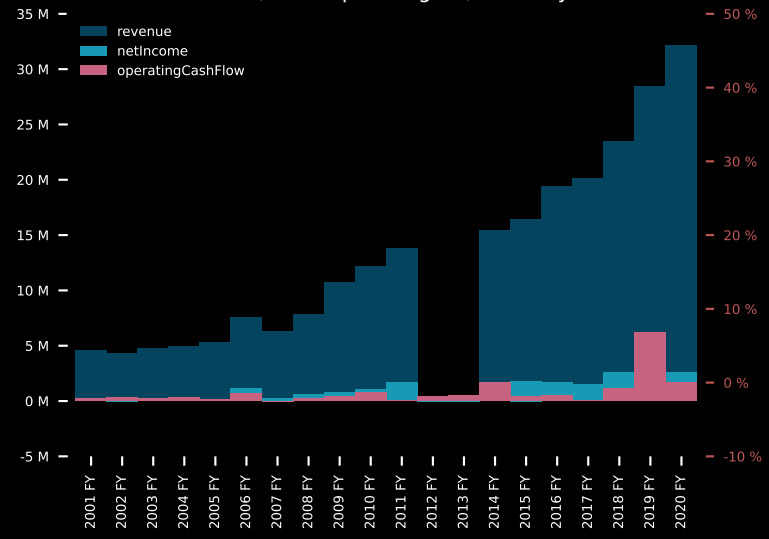


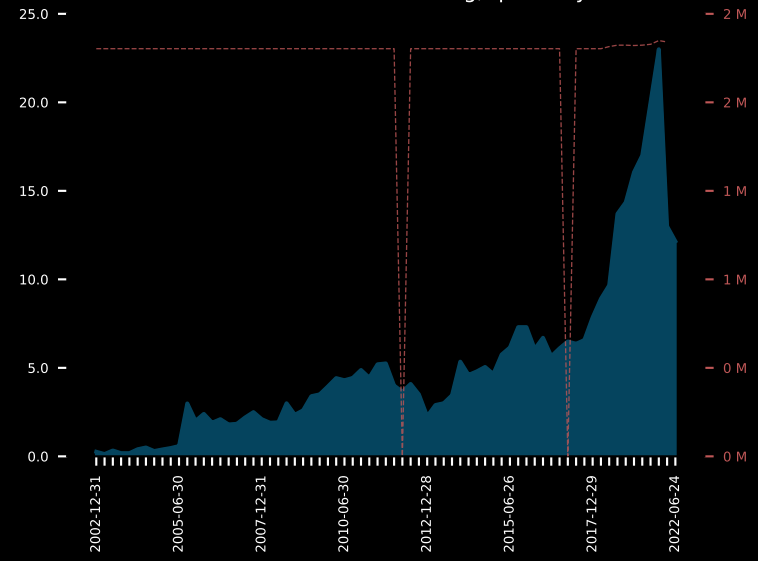
Deswell Industries, Inc. manufactures and sells injection-molded plastic parts and components, electronic products and subassemblies, and metallic molds and accessory parts for original equipment manufacturers and contract manufacturers. It operates in two segments, Plastic Injection Molding and Electronic Products Assembling. The company produces a range of plastic parts and components that are used in the manufacture of consumer and industrial products, which include plastic components for electronic entertainment products, power tools, accessories, and outdoor equipment; cases for flashlights, telephones, paging machines, projectors, and alarm clocks; parts for electrical products, such as air-conditioning and ventilators, as well as parts for audio equipment, and cases and key tops for personal organizers and remote controls; double injection caps; parts for medical products comprising

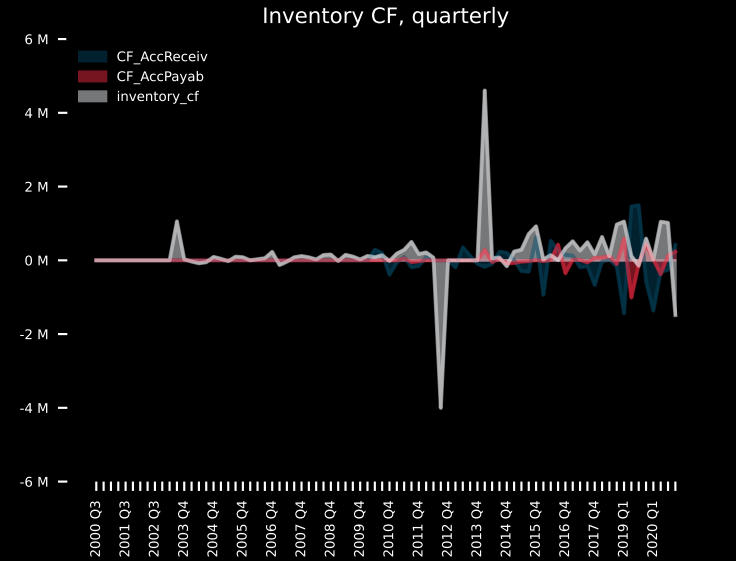
IEHC / Electronic Components / US / 2022-06-24





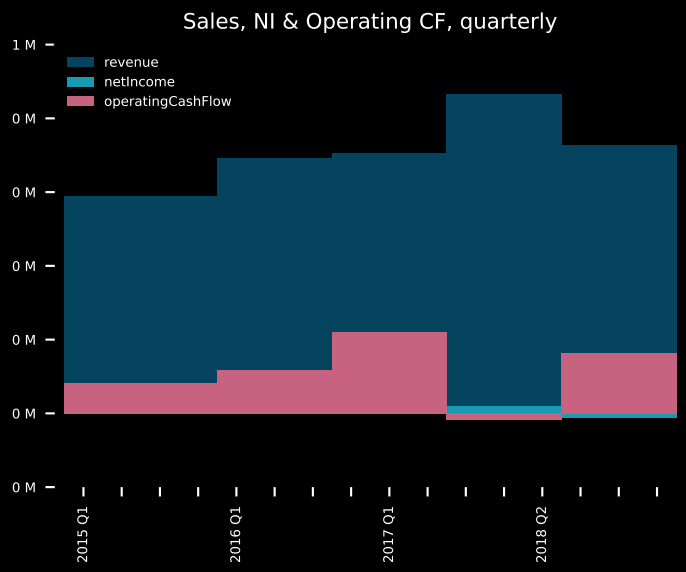


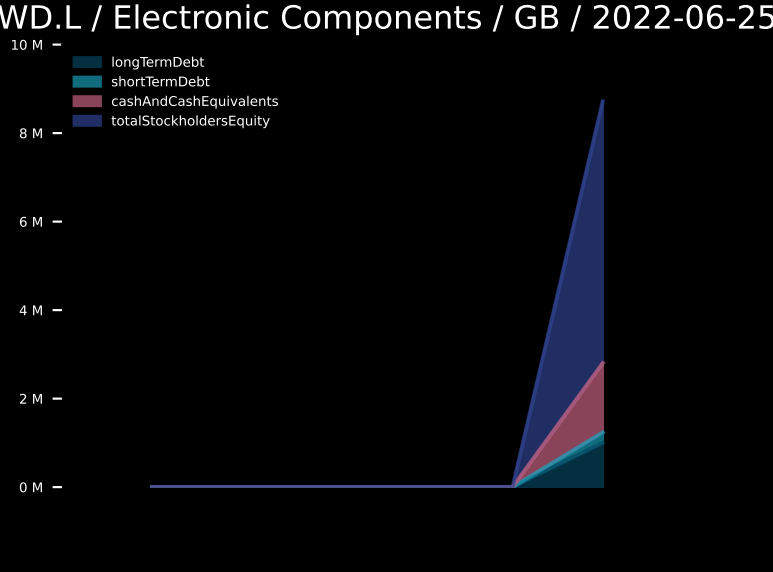


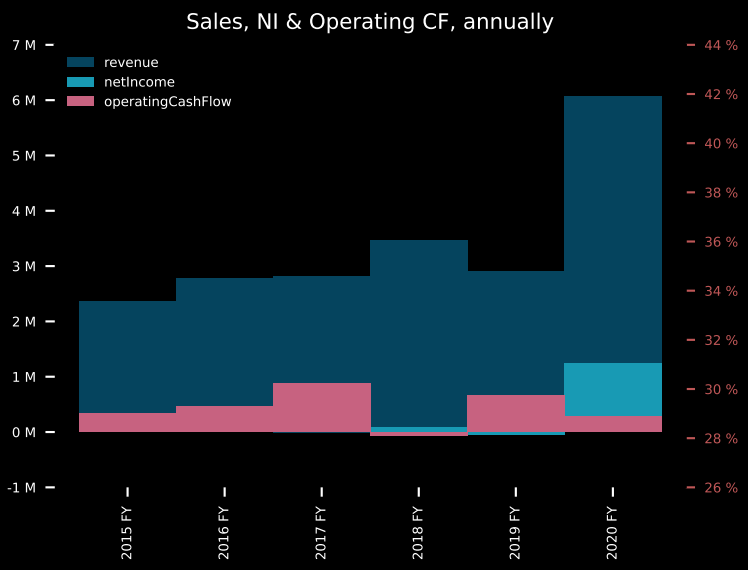


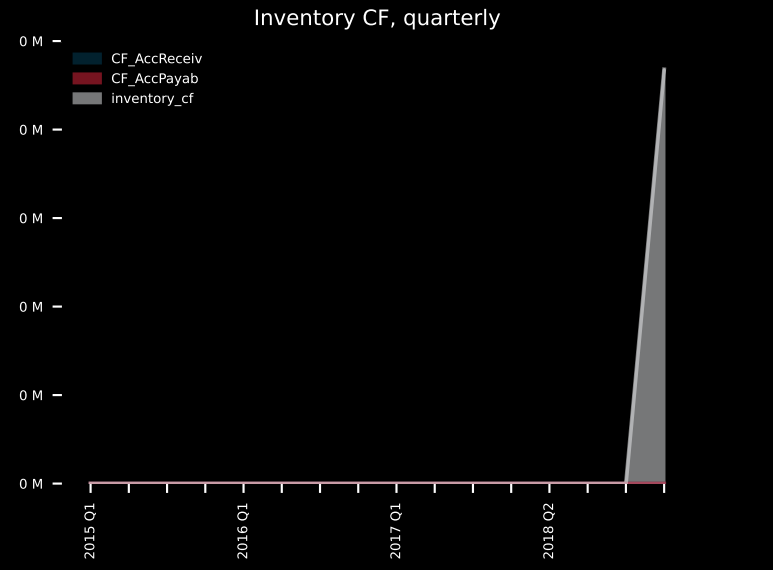
IEH Corporation designs, develops, manufactures, and sells printed circuit board connectors and custom interconnects for high performance applications in the United States and internationally. The company's products are used as basic components of larger assemblies of finished goods. It markets its products directly to original equipment manufacturers, as well as through authorized representatives and distributors primarily to military, aerospace, medical, industrial, test equipment, space, and commercial electronic markets. The company was formerly known as Industrial Heat Treating Company, Inc. and changed its name to IEH Corporation in March 1989. IEH Corporation was founded in 1941 and is based in Brooklyn, New York.

TWD.L / Electronic Components / GB / 2022-06-25



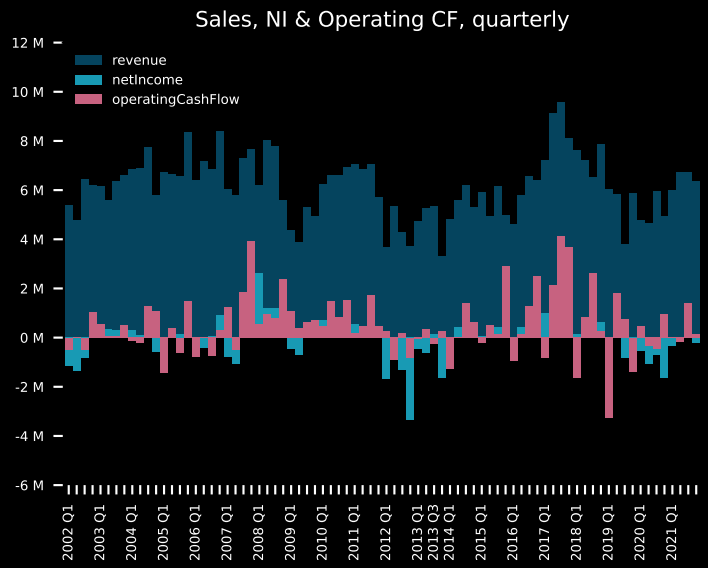


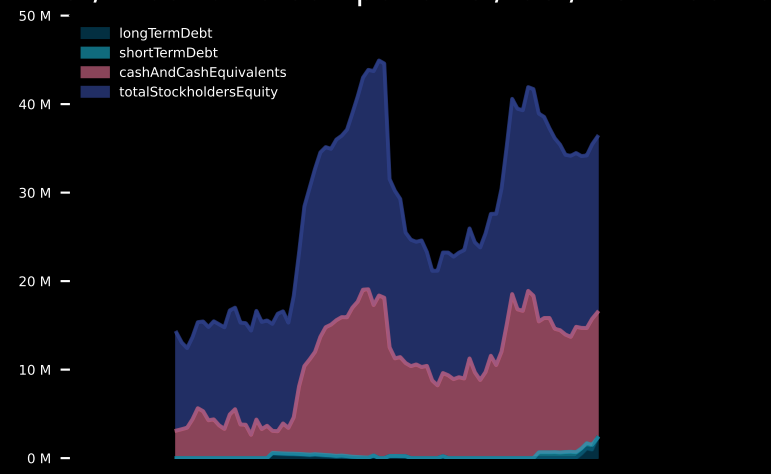


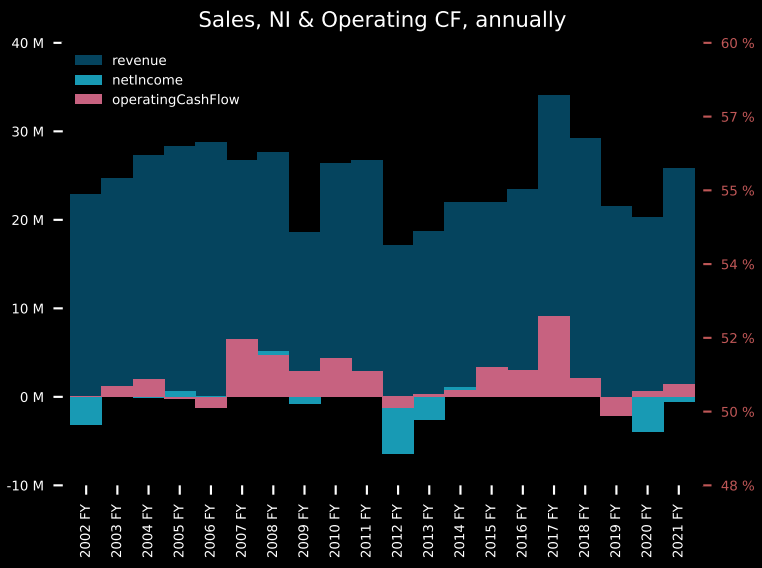


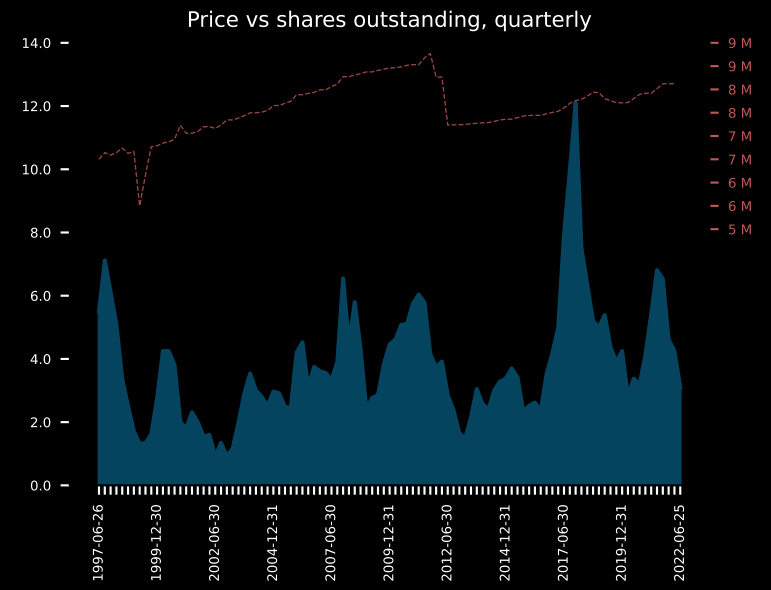
Trackwise Designs plc designs, develops, manufactures, and sells printed circuit boards in the United Kingdom, Europe, and internationally. It offers microwave and radio frequency, short flex, flex rigid, and rigid multilayer printed circuit board products. The company's circuits are used in RF/antenna and lightweight interconnect products. Its products are used in telecommunications, aerospace, marine, medical, defense, space, scientific, industrial, security, and automotive sectors. Trackwise Designs plc was founded in 1989 and is based in Tewkesbury, the United Kingdom.

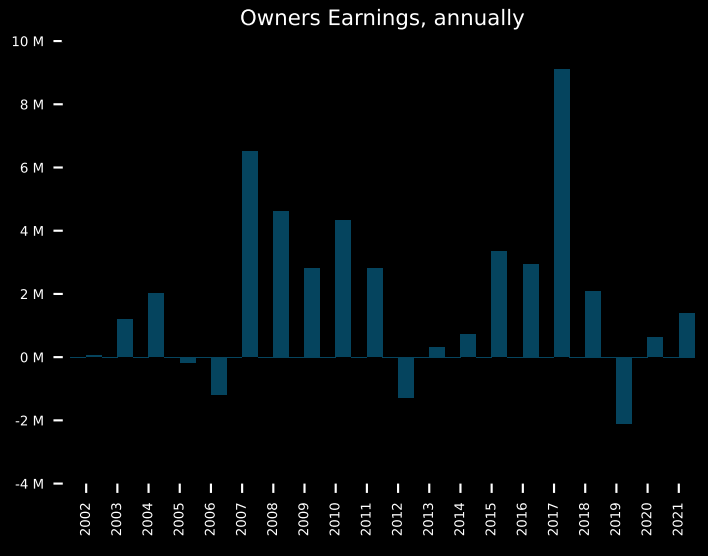
DAIO / Electronic Components / US / 2022-06-25

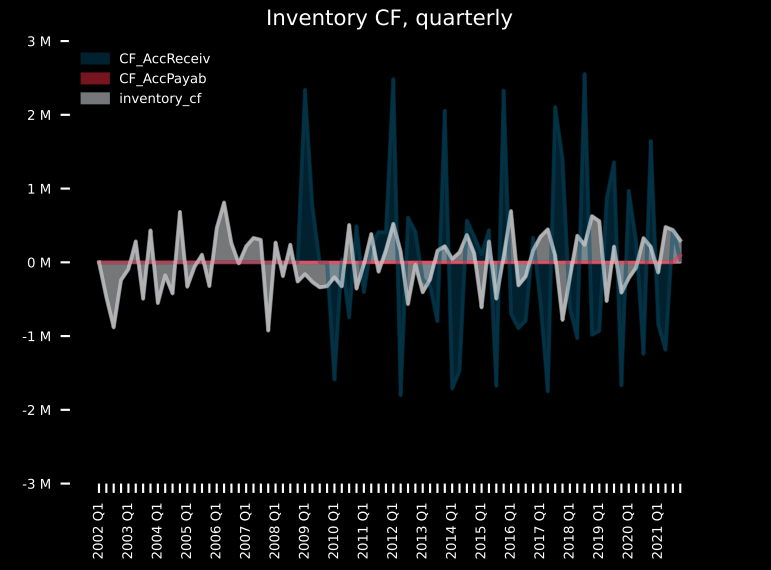




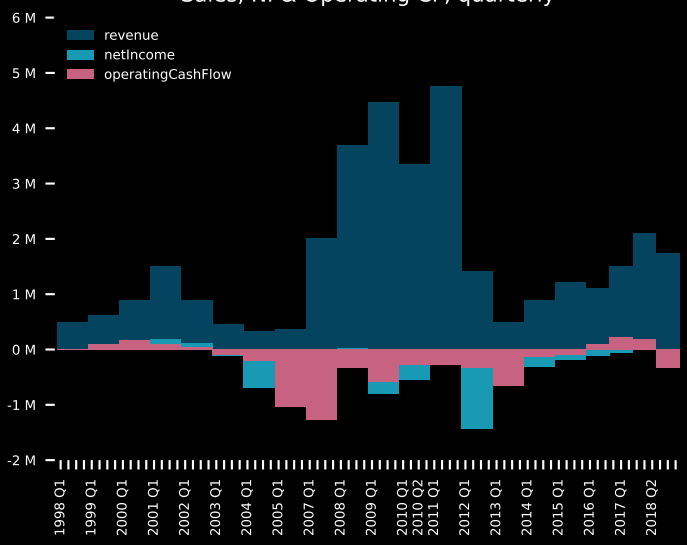


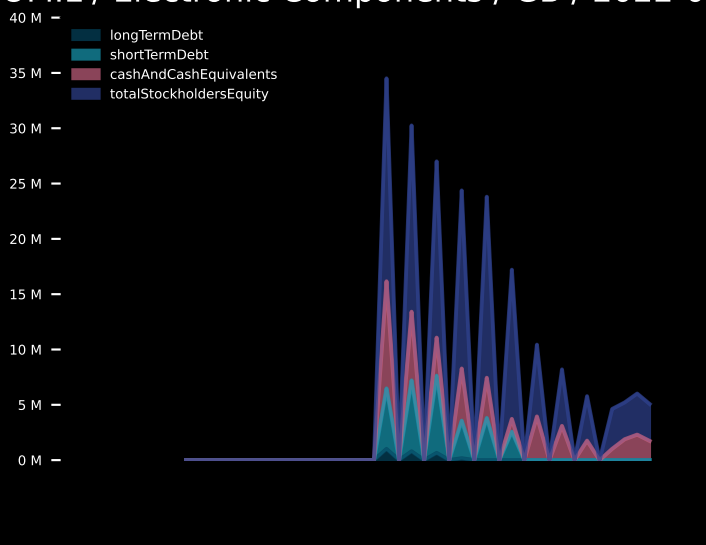


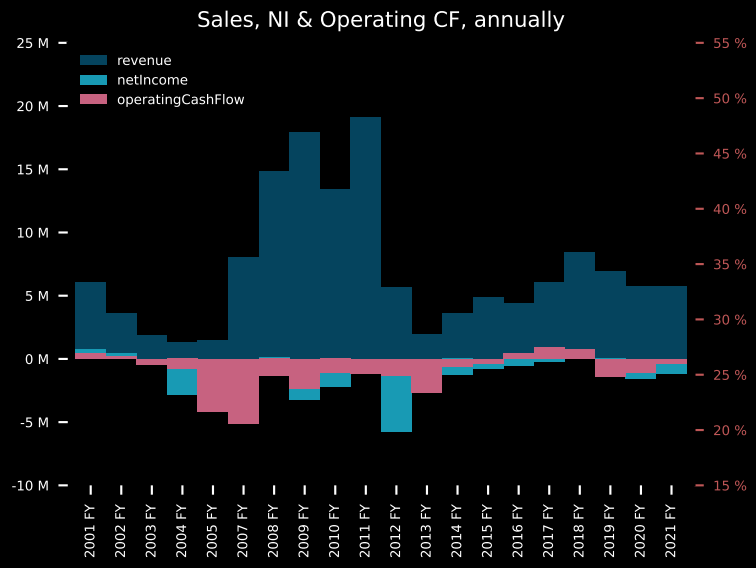


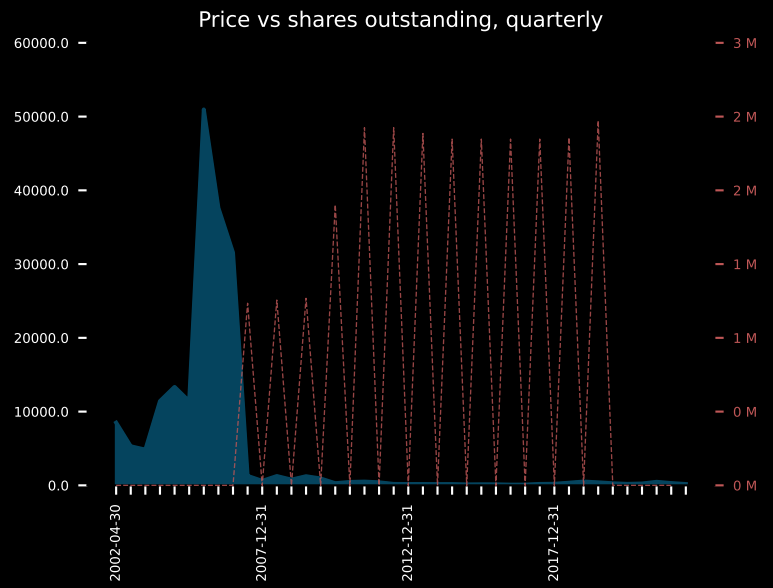


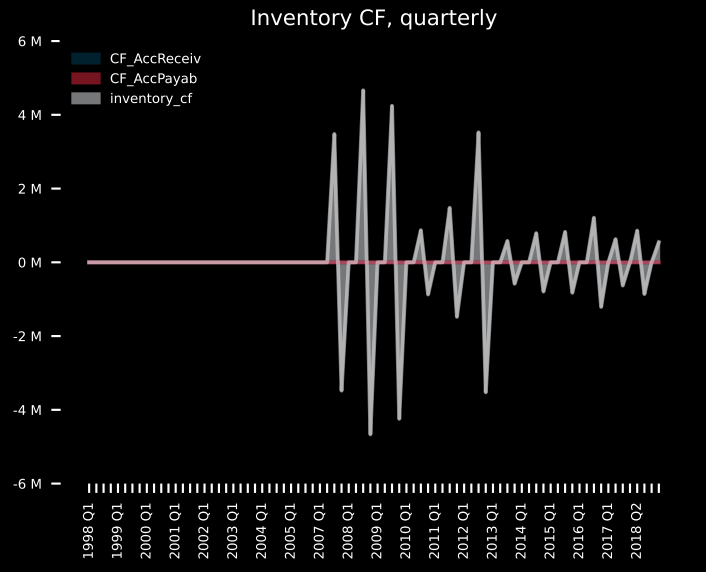
Data I/O Corporation engages in the design, manufacture, and sale of programming and security deployment systems and services for electronic device manufacturers in the United States, Europe, and internationally. The company's programming system products are used to program integrated circuits (ICs) with the specific data necessary for the ICs. It offers PSV handlers offline automated programming systems; SentriX, a security deployment system; RoadRunner and RoadRunner3 series handlers, an in-line automated programming systems; LumenX Programmer; and non-automated FlashPAK III programming systems. The company also provides hardware support, system installation and repair, and device programming services. It markets and sells its products to original equipment manufacturers in automotive and consumer electronics, Internet of Things and their programming center partners, and





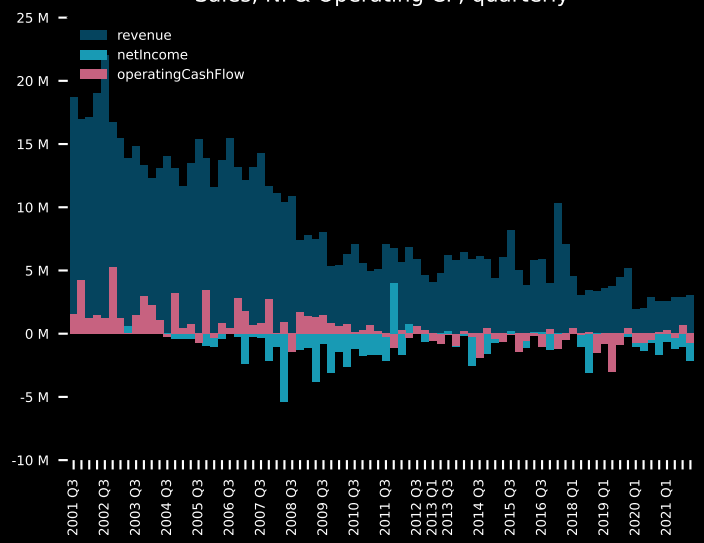


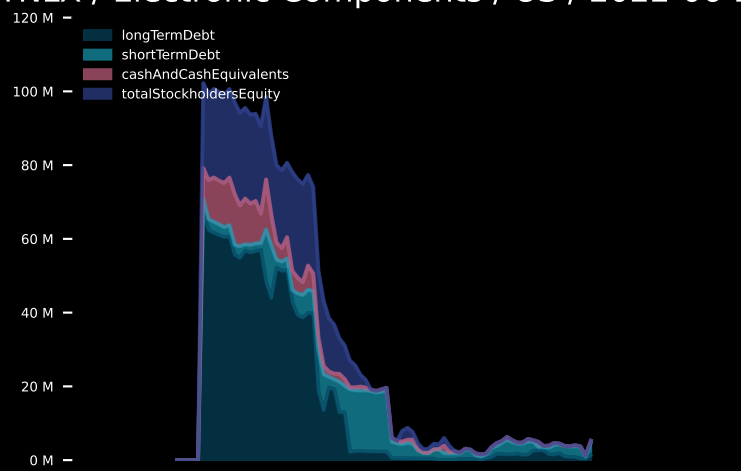


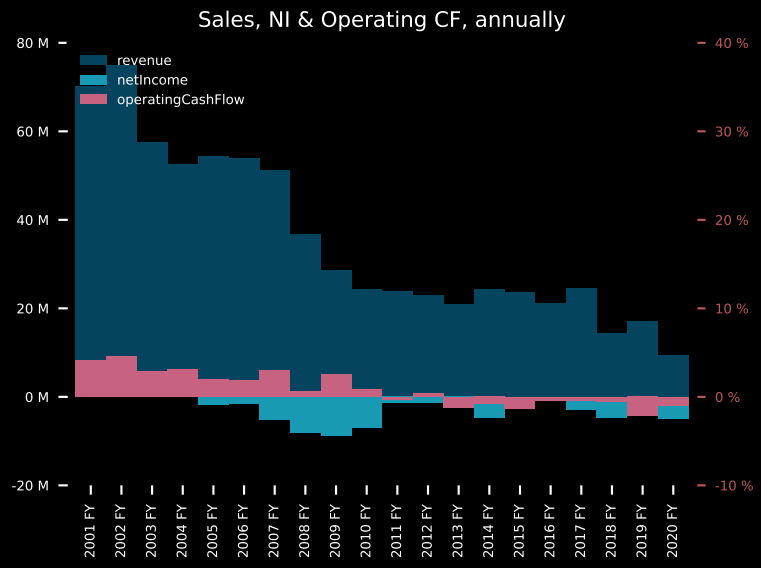


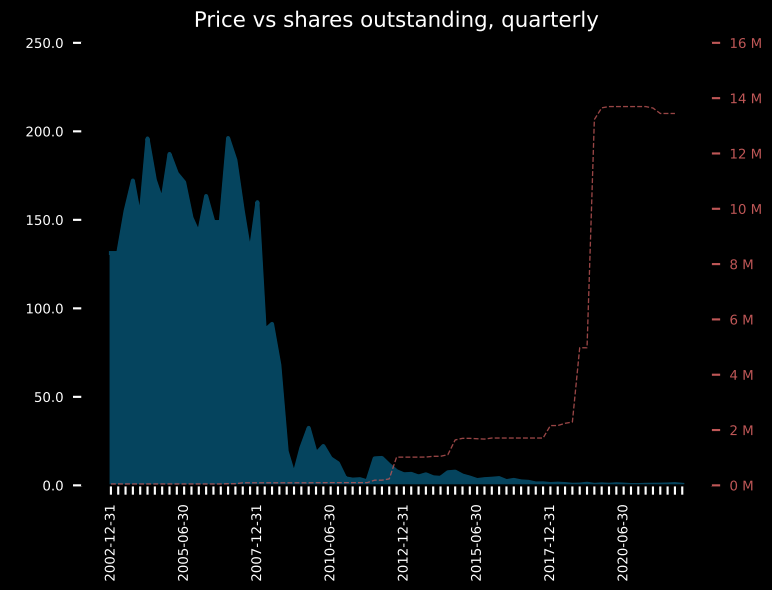
Biome Technologies plc engages in the bioplastics and radio frequency (RF) technology businesses in the United Kingdom, Europe, Canada, the United States, Asia, and internationally. The company's Bioplastics division produces a range of biodegradable and sustainable products that replace conventional oil-based plastics. This division's products have various applications, including flexible films, molded products, extruded sheets, and food wraps. The company's RF Technologies division designs, manufactures, and sells induction furnace systems used in the manufacture and processing of silica glass preforms to produce optical fiber; plastic welding equipment used in various end-user applications comprising the nuclear, medical, and industrial sectors; and bespoke induction heating equipment. This division also provides maintenance support, system upgrades, and specialist spares. Biome Technologies plc was incorporated in

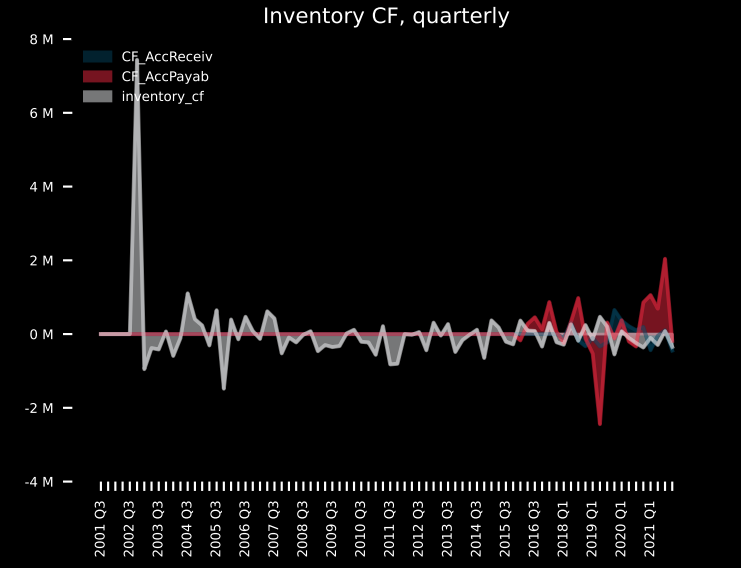
TNLX / Electronic Components / US / 2022-06-24





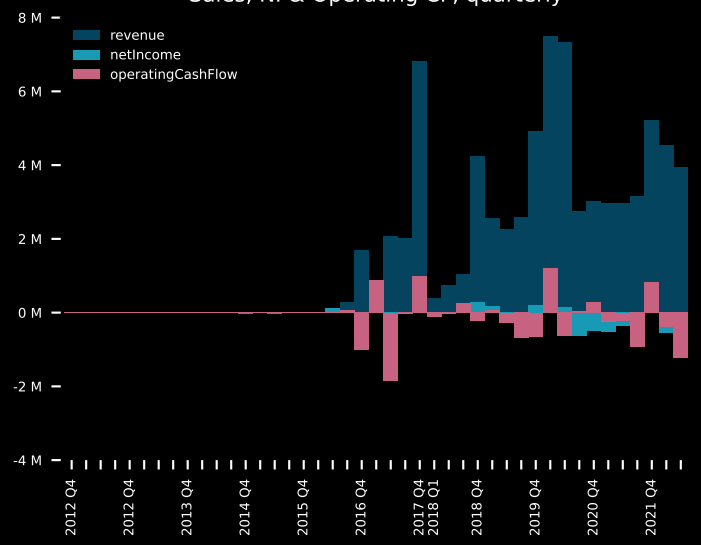


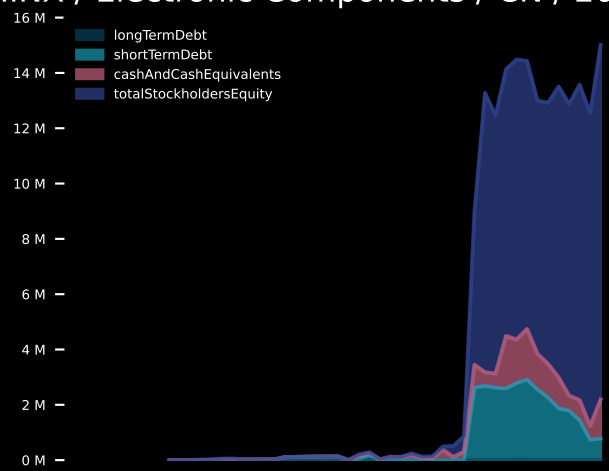


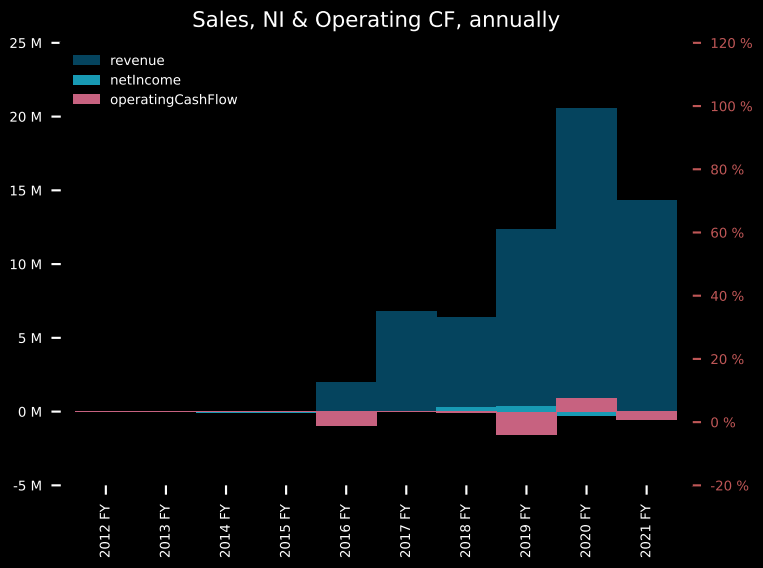


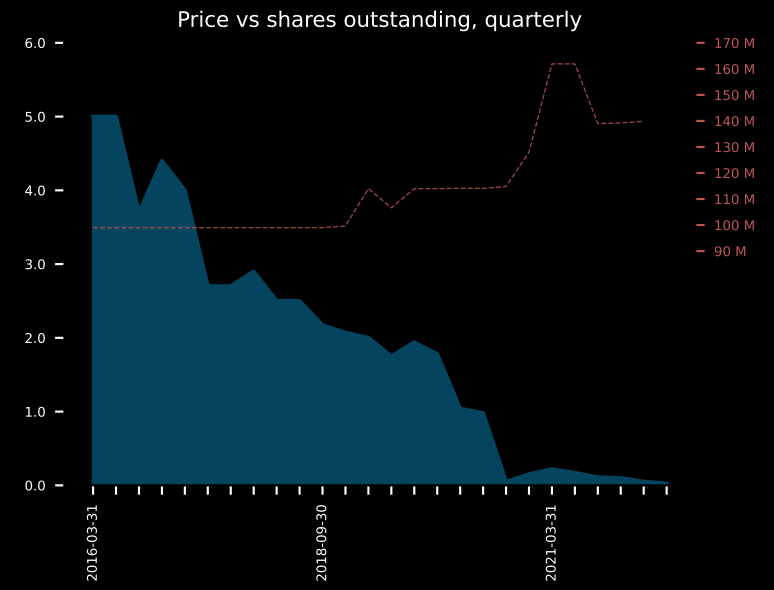
Trans-Lux Corporation designs and manufactures digital display solutions and fixed digit scoreboards. It operates in two segments, Digital Product Sales; and Digital Product Lease and Maintenance. The Digital Product Sales segment sells indoor and outdoor digital product signage products. The Digital Product Lease and Maintenance segment is involved in the lease and maintenance of indoor and outdoor digital product signage. The company offers LED display systems for use by sports arenas and stadiums; financial institutions, including brokerage firms, banks, energy companies, insurance companies, and mutual fund companies; educational institutions; outdoor advertising companies; corporate and government communication centers; retail outlets; casinos, racetracks, and other gaming establishments; airports, train stations, bus terminals, and other transportation facilities; movie theatres; and health maintenance

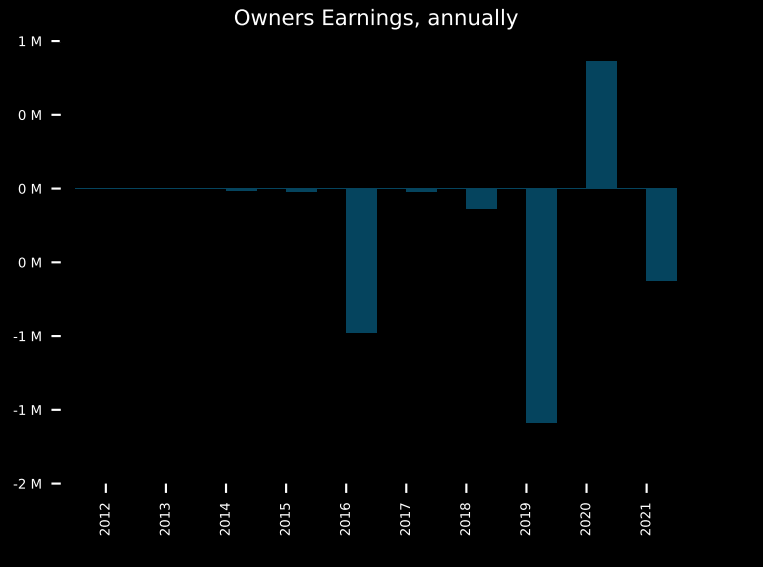
IINX / Electronic Components / CN / 2022-06-25

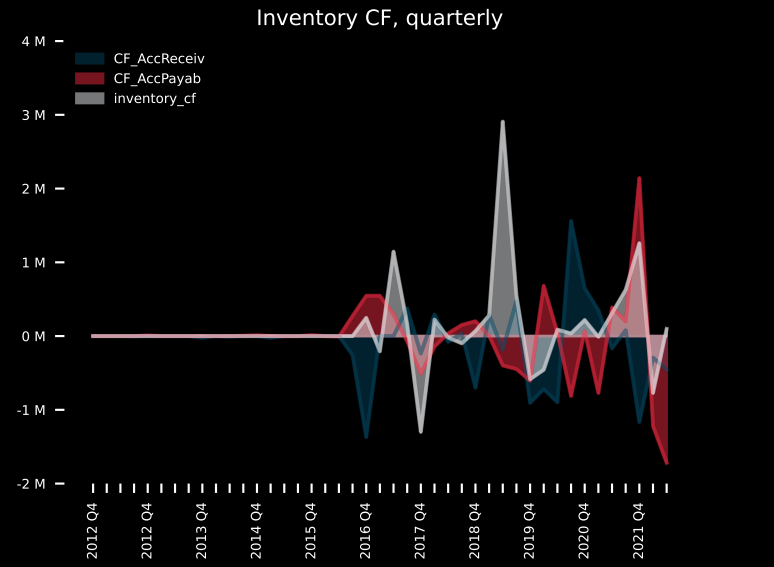






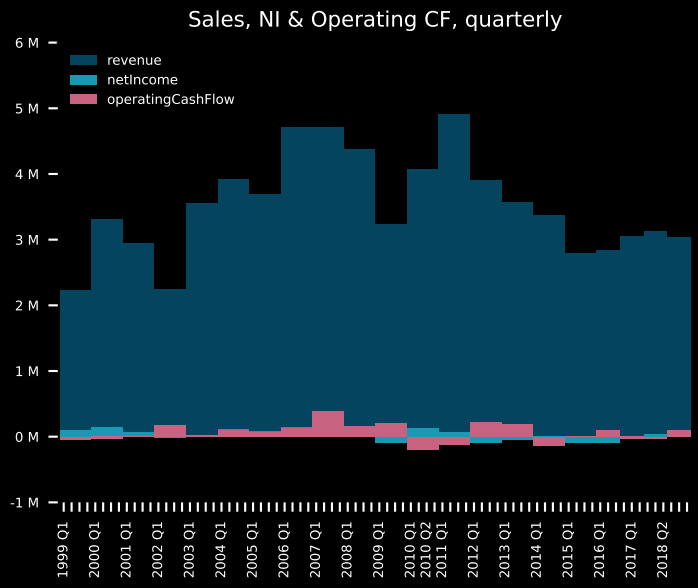


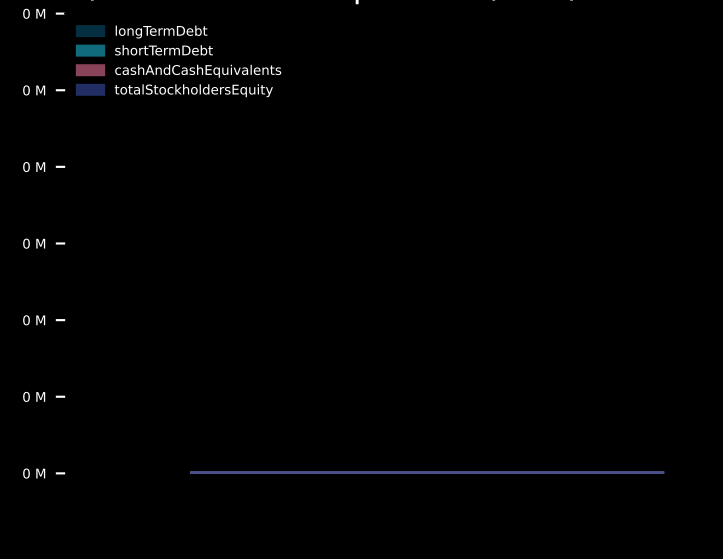


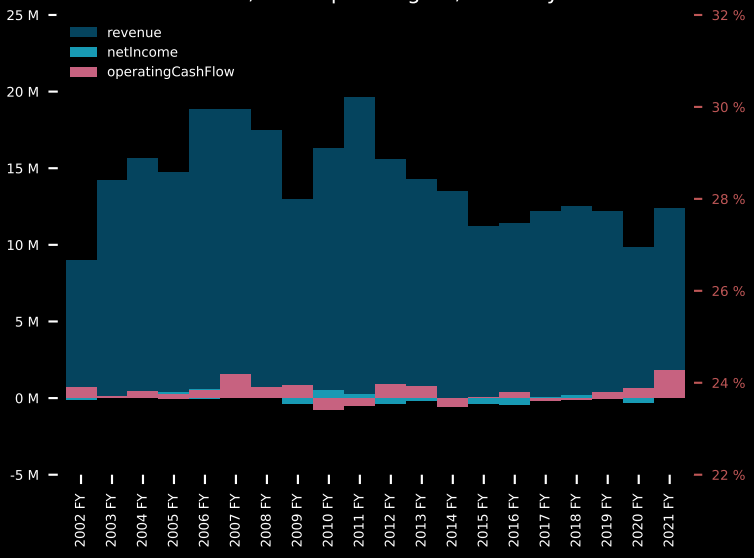


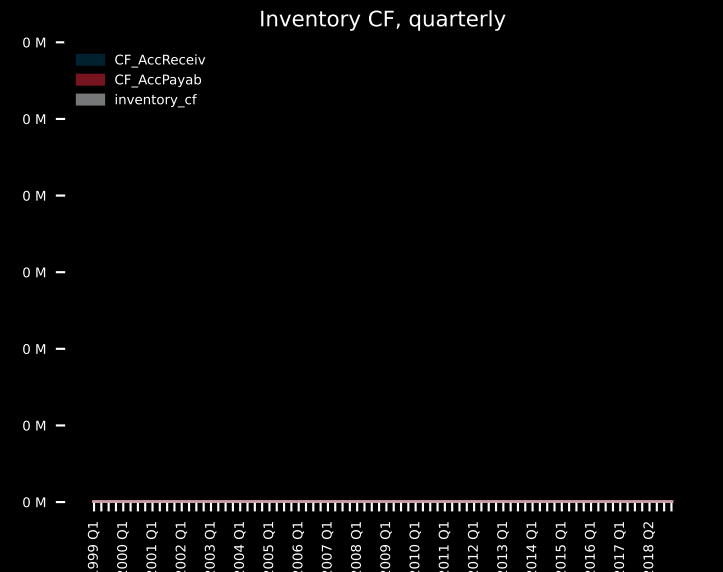
Ionix Technology, Inc., together with its subsidiaries, engages in the research and development, manufacture, and marketing of liquid crystal materials, displays, and modules in the United States, Hong Kong, and the People's Republic of China. It operates through three segments: Smart Energy, Photoelectric Display, and Service Contracts. The company provides electronic equipment, such as power banks for iphone, ipad, mp3/mp4 players, PSP gaming systems, and cameras; and liquid crystal module and liquid crystal display screens for video capable baby monitors, tablets and cell phones, and televisions or computer monitors. It distributes its products to distributors and retailers. The company was formerly known as Cambridge Projects Inc. and changed its name to Ionix Technology, Inc. in February 2016. Ionix Technology, Inc. was incorporated in 2011 and is based in Dalian, China. Ionix Technology, Inc. is a subsidiary of

HDT.L / Electronic Components / GB / 2022-06-25

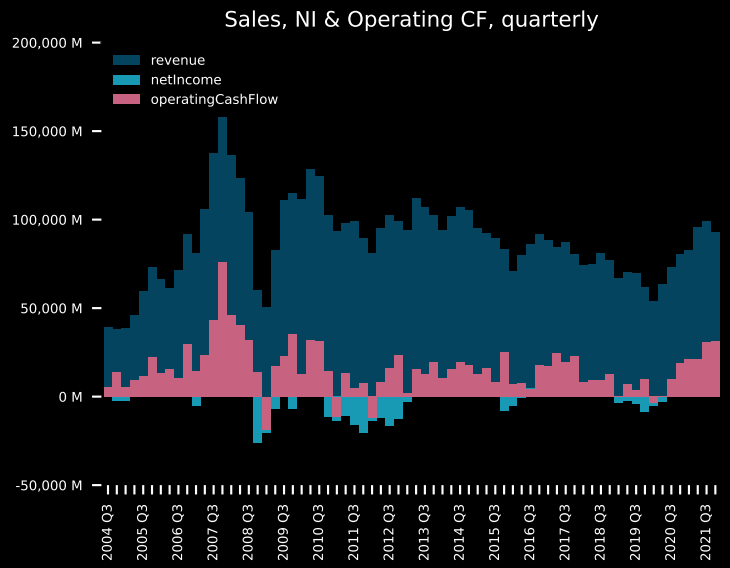


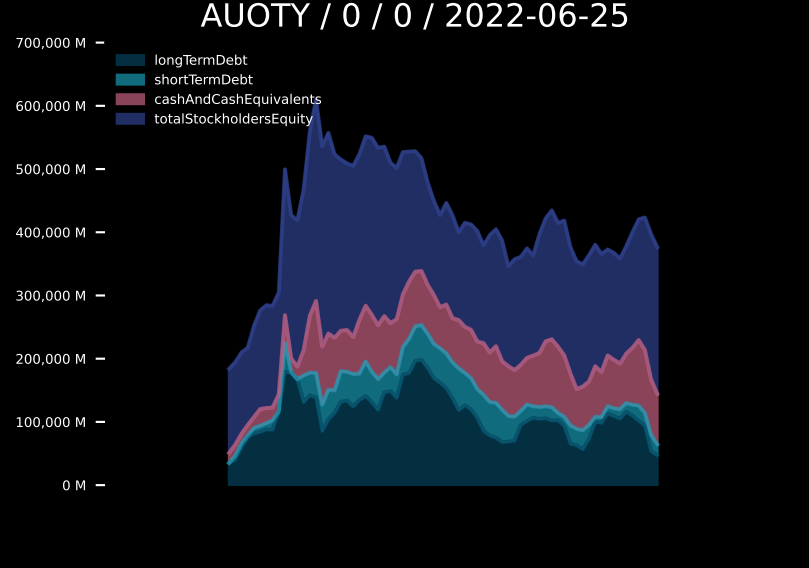


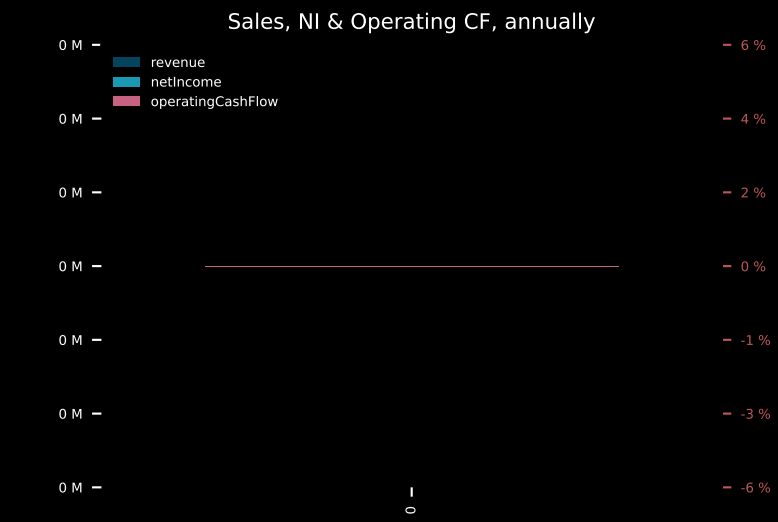


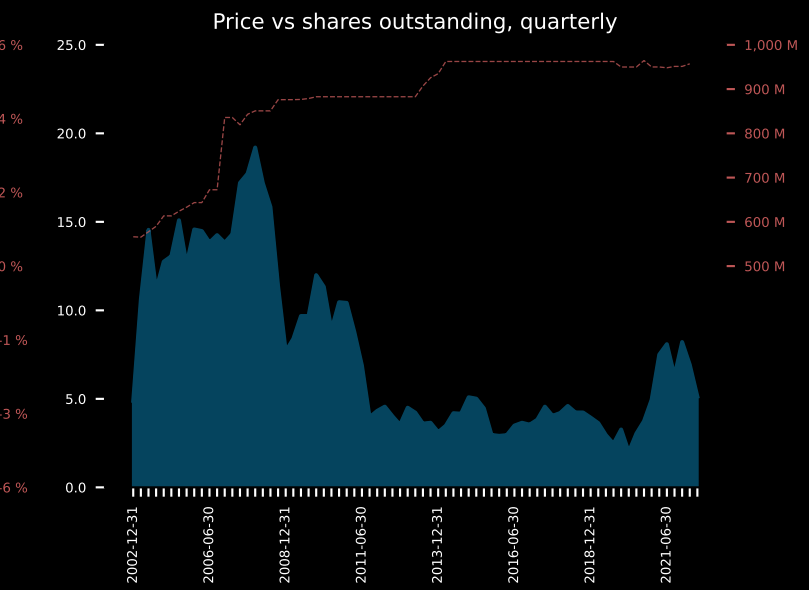


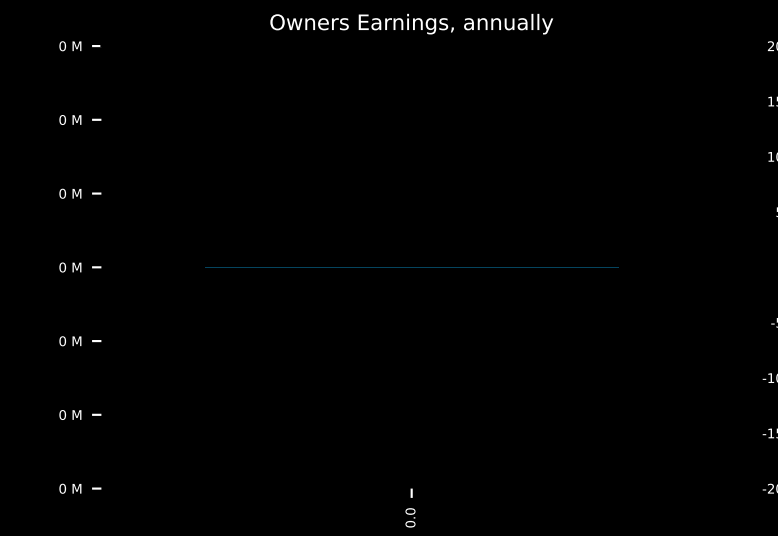
Holders Technology plc, together with its subsidiaries, supplies specialty laminates and materials for printed circuit board (PCB) manufacturing in the United Kingdom and Germany. The company also operates as a lighting and wireless control solutions (LCS) provider. It operates in two segments, PCB and LCS. Its lighting components include heatsinks, LED drivers and PSUS, LED light sources, lighting tracks, and optics and reflectors. The company's wireless lighting control products comprise sensors, drivers, switches, dimmers, interfaces, air purifiers, relays, and other devices. Holders Technology plc was founded in 1972 and is based in London, the United Kingdom.

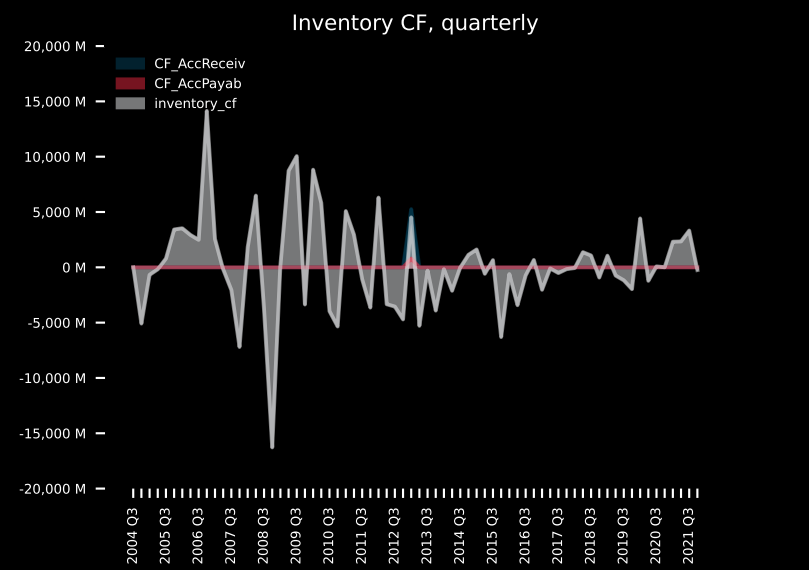

Sales, NI & Operating CF, quarterly
revenue
netIncome
operatingCashFlow
200,000 M
150,000 M
100,000 M
50,000 M
0 M
-50,000 M
2004 Q3
2005 Q3
2006 Q3
2007 Q3
2008 Q3
2009 Q3
2010 Q3
2011 Q3
2012 Q3
2013 Q3
2014 Q3
2015 Q3
2016 Q3
2017 Q3
2018 Q3
2019 Q3
2020 Q3
2021 Q3


AUOTY / 0 / 0 / 2022-06-25
longTermDebt
shortTermDebt
cashAndCashEquivalents
totalStockholdersEquity
700,000 M
600,000 M
500,000 M
400,000 M
300,000 M
200,000 M
100,000 M
0 M


Sales, NI & Operating CF, annually
revenue
netIncome
operatingCashFlow
0 M
6 %
4 %
2 %
0 %
-1 %
-3 %
-6 %
0

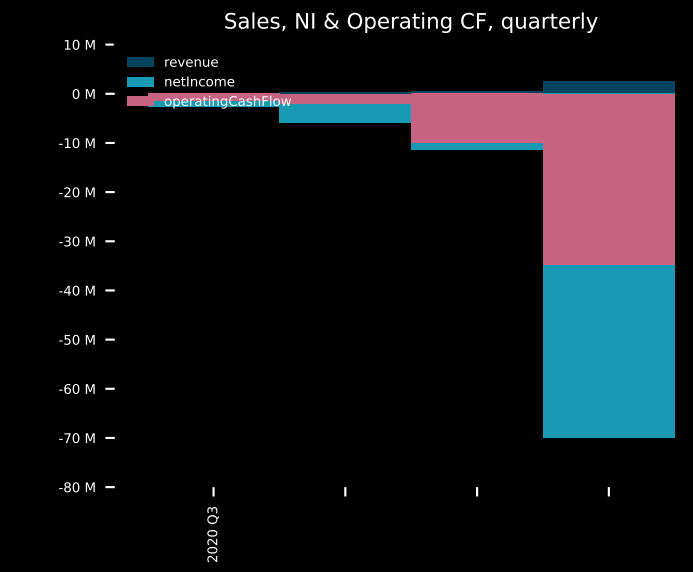

Price vs shares outstanding, quarterly
25.0
20.0
15.0
10.0
5.0
0.0
1,000 M
900 M
800 M
700 M
600 M
500 M
2002-12-31
2006-06-30
2008-12-31
2011-06-30
2013-12-31
2016-06-30
2018-12-31
2021-06-30

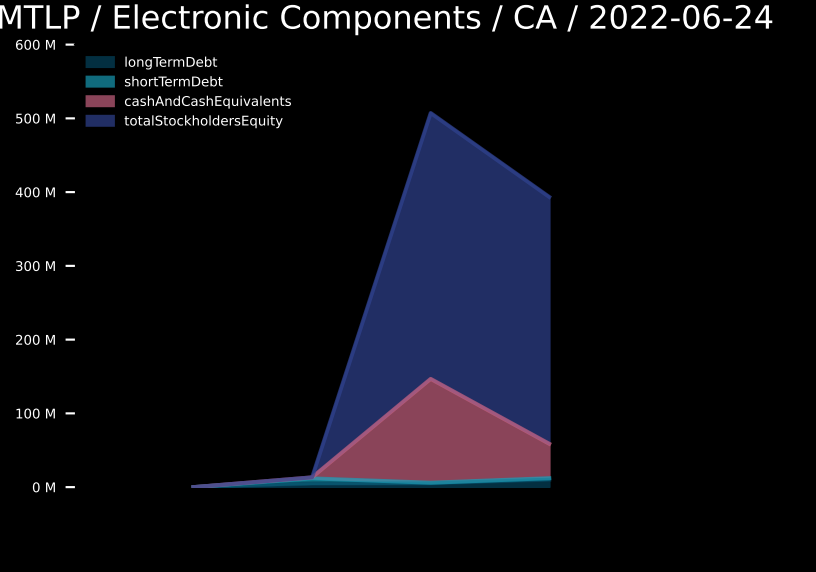

Owners Earnings, annually
0 M
0.0

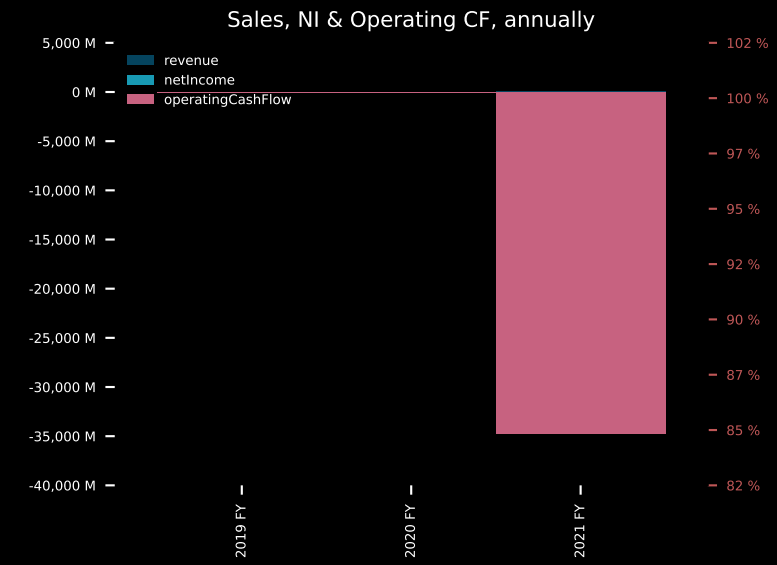

Inventory CF, quarterly
CF_AccReceiv
CF_AccPayab
inventory_cf
20,000 M
15,000 M
10,000 M
5,000 M
0 M
-5,000 M
-10,000 M
-15,000 M
-20,000 M
2004 Q3
2005 Q3
2006 Q3
2007 Q3
2008 Q3
2009 Q3
2010 Q3
2011 Q3
2012 Q3
2013 Q3
2014 Q3
2015 Q3
2016 Q3
2017 Q3
2018 Q3
2019 Q3
2020 Q3
2021 Q3

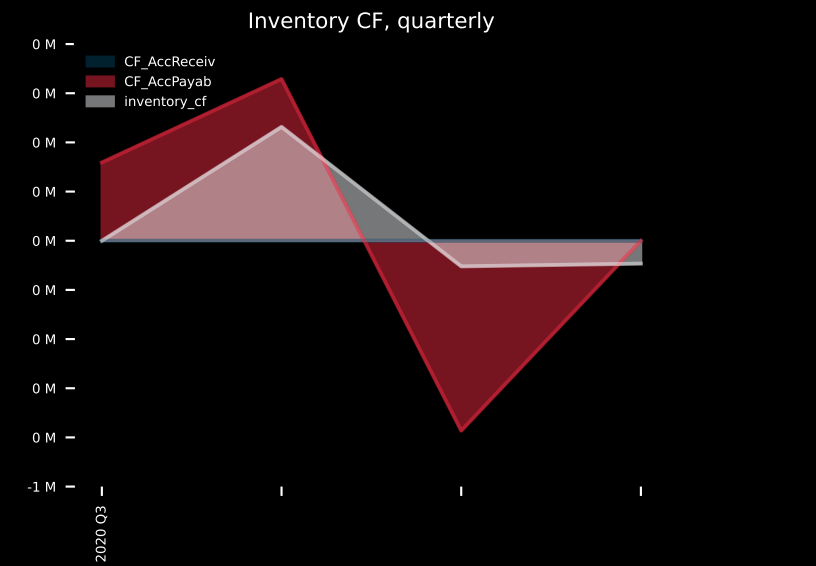
0

MMTLP / Electronic Components / CA / 2022-06-24



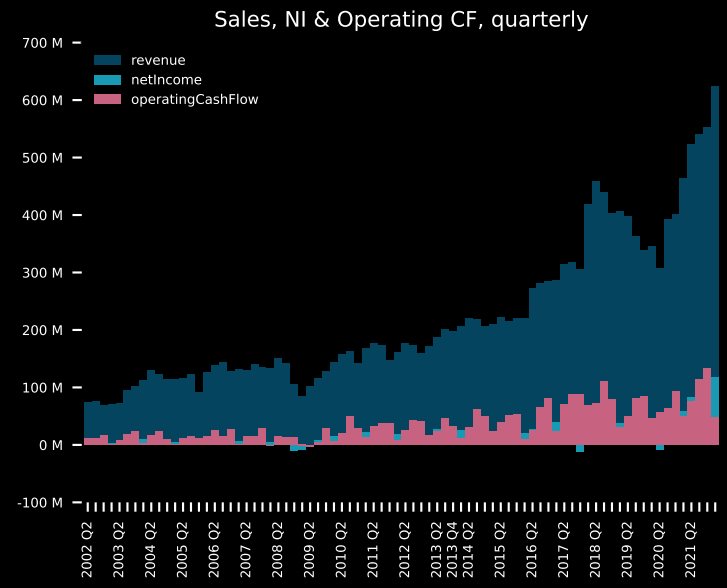


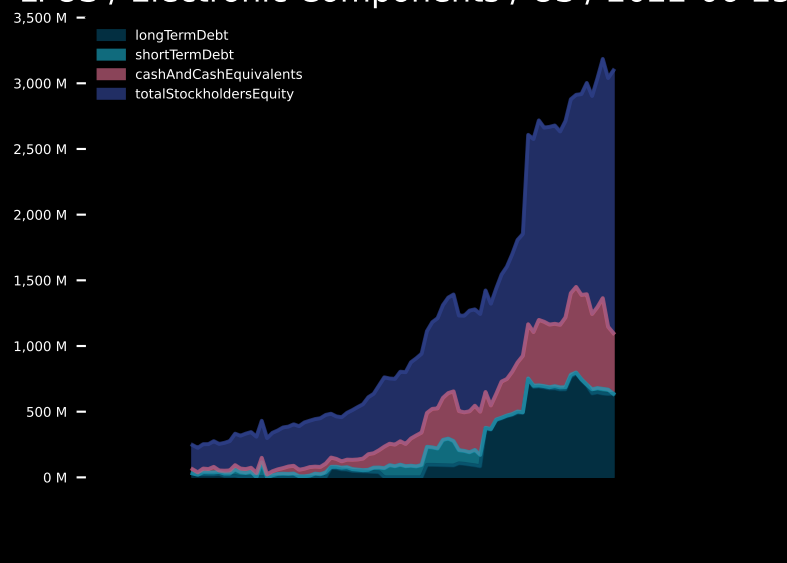


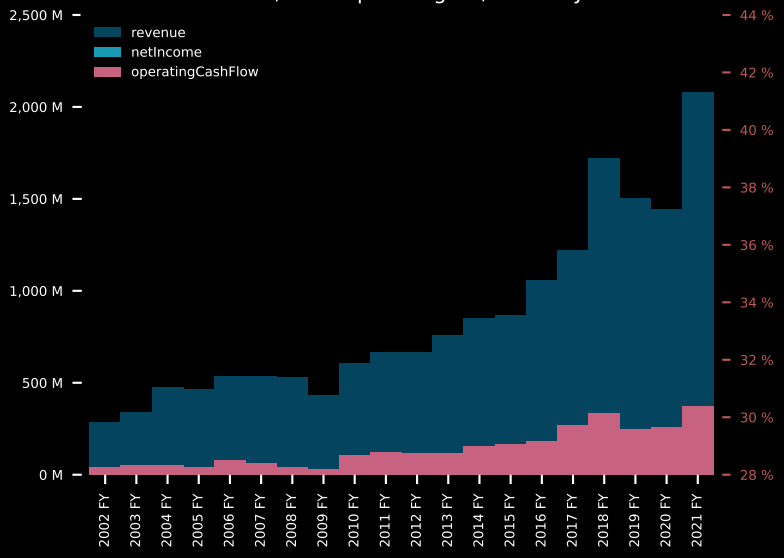


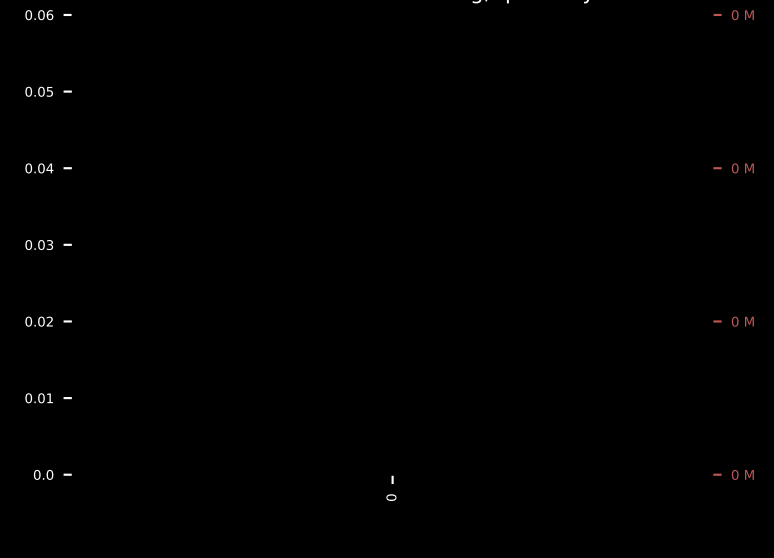
Meta Materials Inc. invents, designs, develops, and manufactures various functional materials and nanocomposites. Its products include metaAIR, a laser glare protection eyewear; NANOWEB, a transparent conductive film; holoOPTIX, a holographic optical element; glucoWISE, a non-invasive glucose measurement device; and metaSURFACE, which allows an enhancement in signal to noise ratio of up to 40 times for magnetic resonance imaging scans. The company also develops and produces nano-optic structures and color-shifting foils that are used in authentication and brand protection applications in various markets, including banknotes, secure government documents, and commercial branding, as well as engages in the research, development, and manufacture of smart materials. Its customers are OEM providers in various industries, including aerospace, automotive, consumer electronics, communications, energy

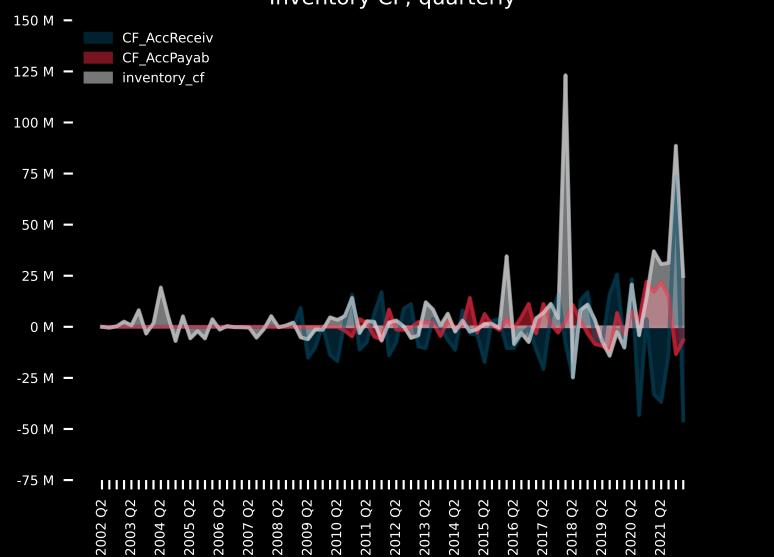
LFUS / Electronic Components / US / 2022-06-25





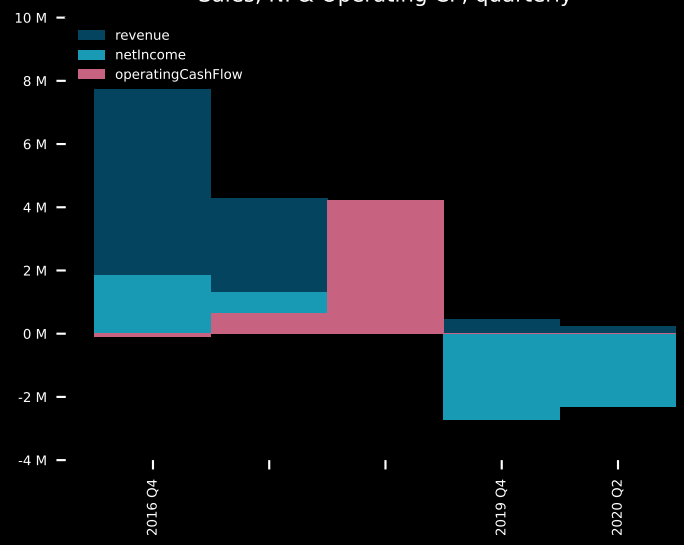


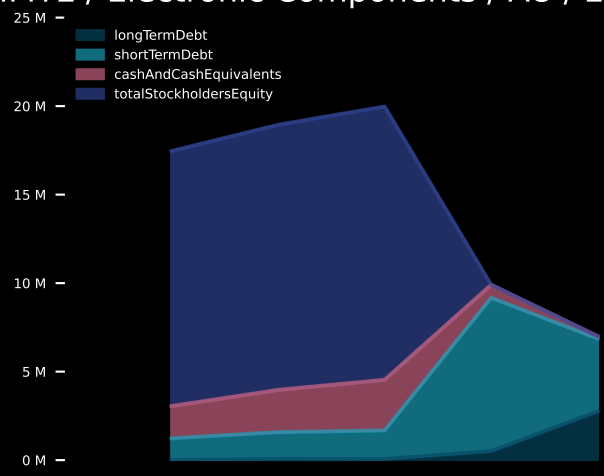


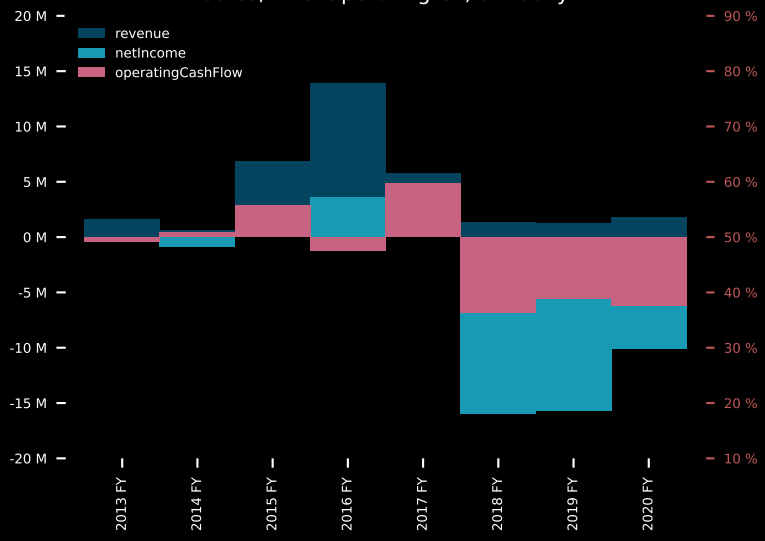


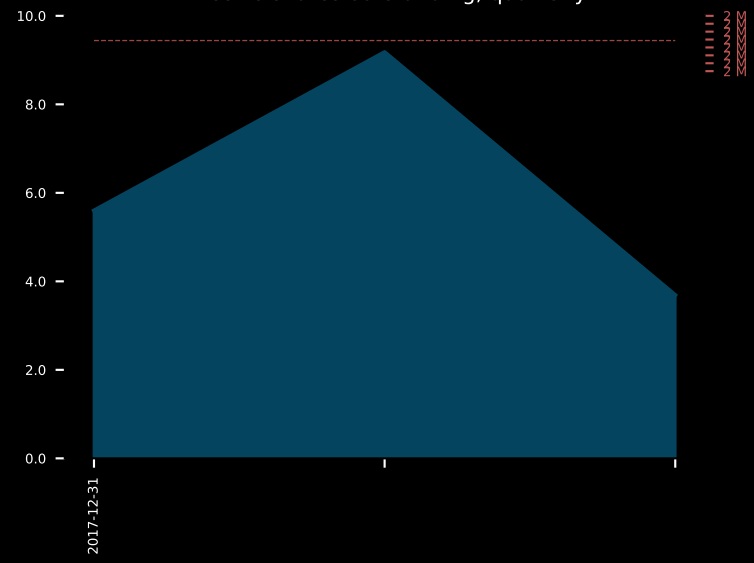
Littelfuse, Inc. manufactures and sells circuit protection, power control, and sensing products in the Asia-Pacific, the Americas, and Europe. The company's Electronics segment offers fuses and fuse accessories, positive temperature coefficient resettable fuses, polymer electrostatic discharge suppressors, varistors, reed switch based magnetic sensing products, and gas discharge tubes; and discrete transient voltage suppressor (TVS) diodes, TVS diode arrays, protection and switching thyristors, metal-oxide-semiconductor field-effect transistors and diodes, and insulated gate bipolar transistors. This segment serves industrial motor drives and power conversion, automotive electronics, electric vehicle and related infrastructure, power supplies, data centers, telecommunications, medical devices, alternative energy, building and home automation, appliances, and mobile electronics markets. Its Transportation segment

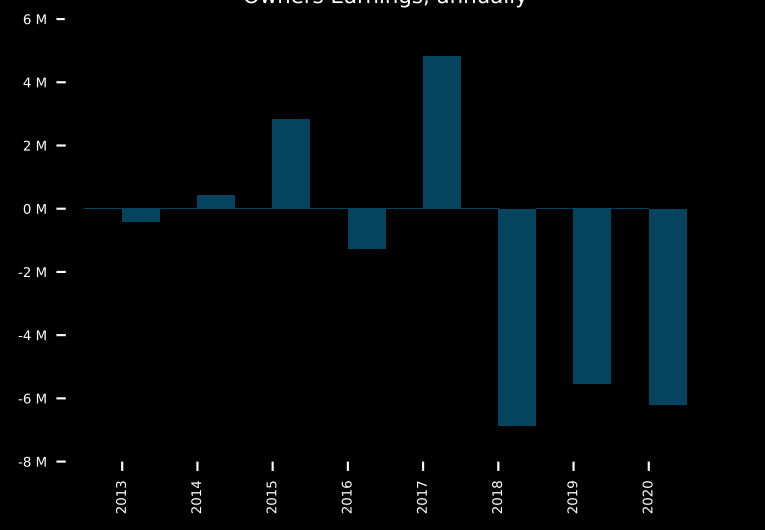
IMTE / Electronic Components / AU / 2022-06-24

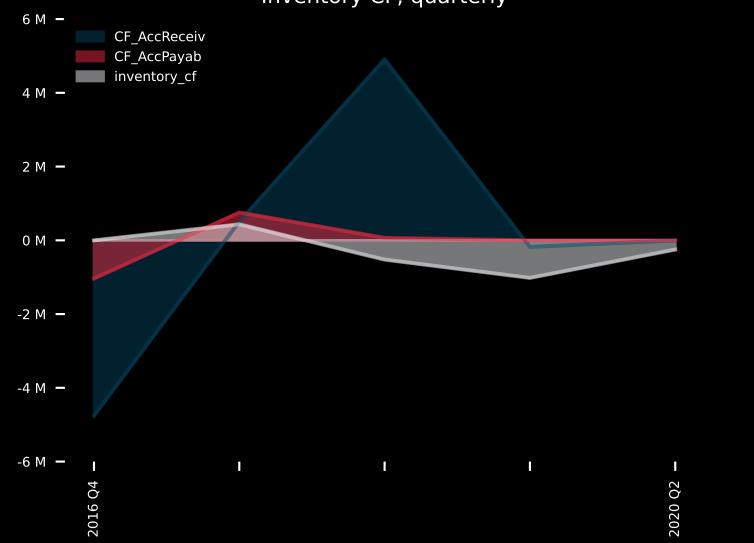






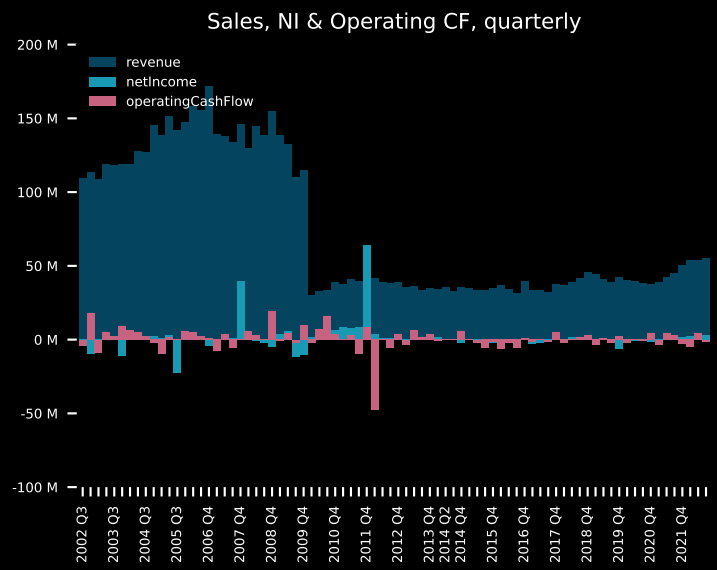


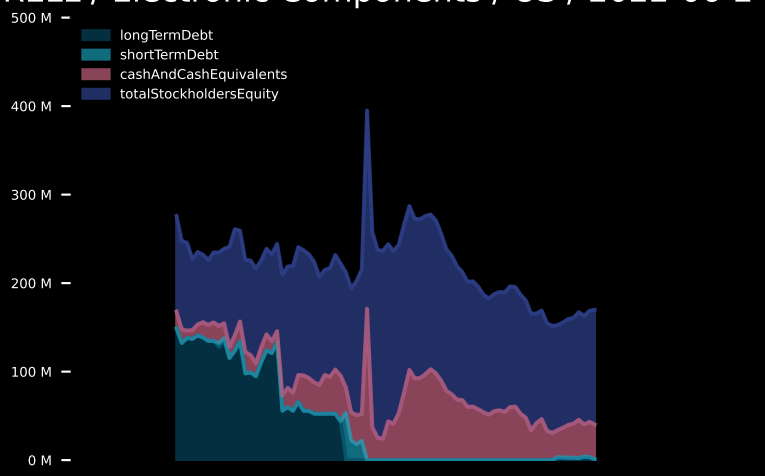


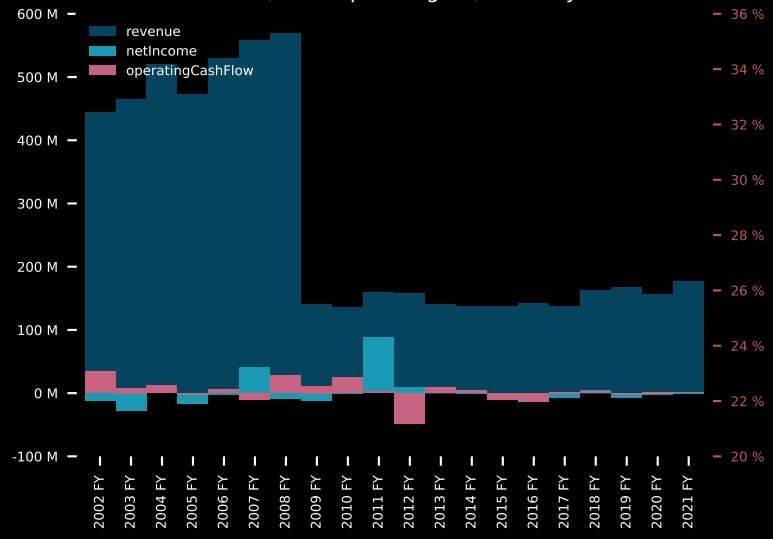


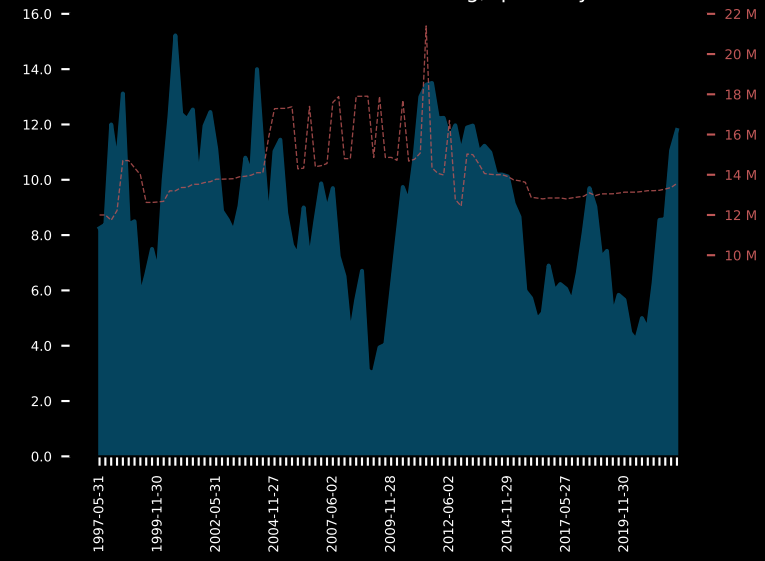
Integrated Media Technology Limited develops, sells, and distributes 3D autostereoscopic display (ASD) technology products and services in Hong Kong, China, Korea, Singapore, and Australia. The company focuses on the marketing and sale of autostereoscopic display (ASD) products; ASD technology displays and marvel3DPro super-workstations; lenticular hardware and switchable lenticular hardware products; ASD digital signage displays; switchable glass products; Internet of Things products; and nano-coating plated air filters. It also engages in the business of risk analytics; healthcare technologies to assisted healthcare, age homes, and self-care homes; and sale of software and provision of consultancy services. In addition, the company offers management; administrative; and digital picture frame services. It serves the construction and real estate industry, including train stations, airports, convention centers

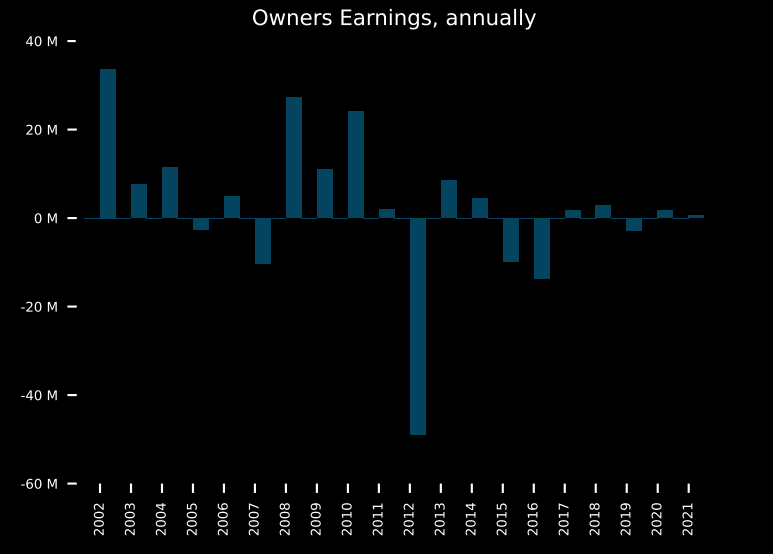
RELL / Electronic Components / US / 2022-06-24

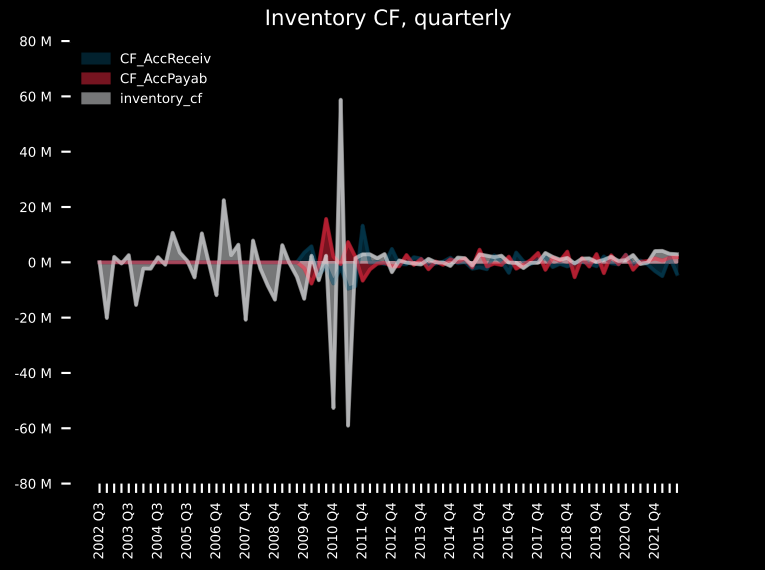






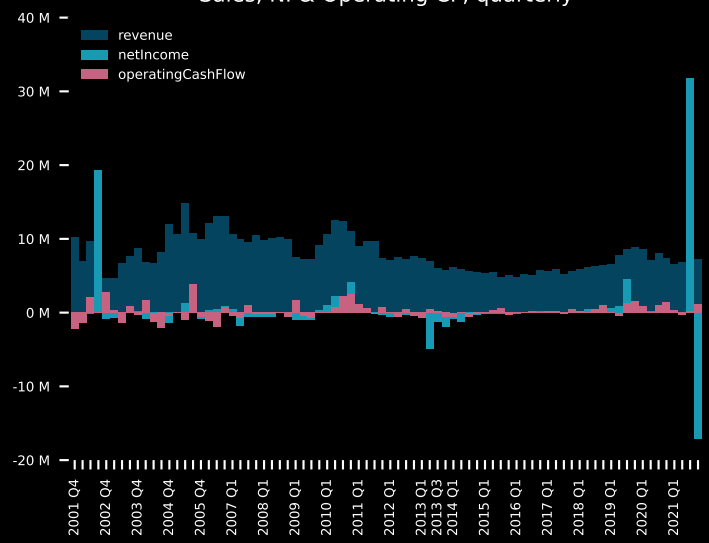


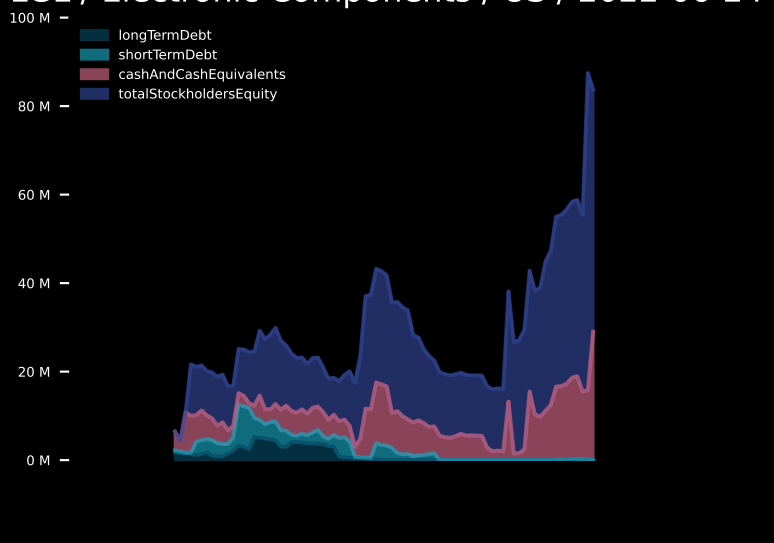


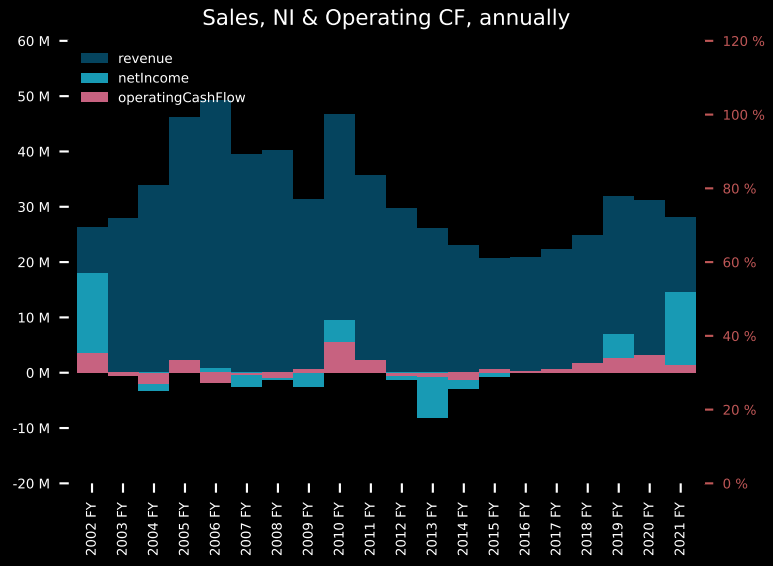


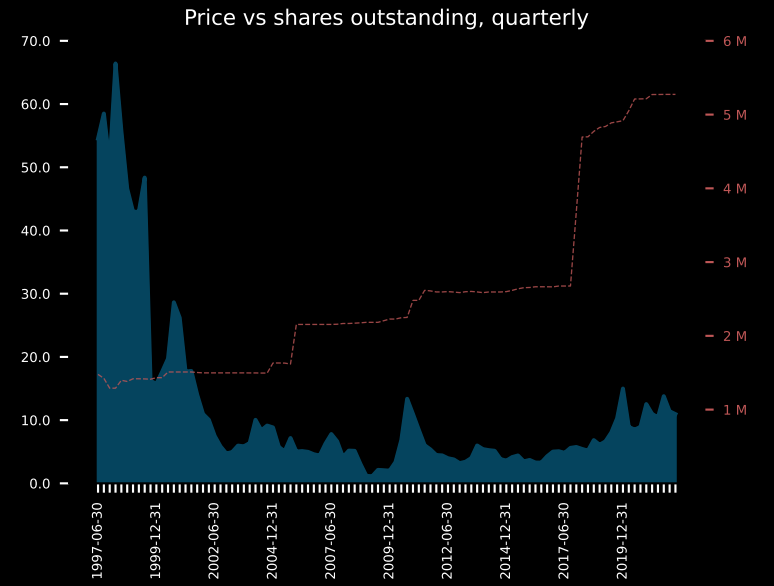
Richardson Electronics, Ltd. engages in the power and microwave technologies, customized display solutions, and healthcare businesses in North America, the Asia Pacific, Europe, and Latin America. The company's Power and Microwave Technologies Group segment provides engineered solutions, power grid and microwave tubes, and related consumables; technical services for microwave and industrial equipment; flat panel detector solutions, replacement parts, tubes, and service training for diagnostic imaging equipment; customized display solutions; and power conversion and RF and microwave component for broadcast transmission, CO2 laser cutting, diagnostic imaging, dielectric and induction heating, high energy transfer, high voltage switching, plasma, power conversion, radar, and radiation oncology applications. Its products are used to control, switch, or amplify electrical power signals, as well as are used

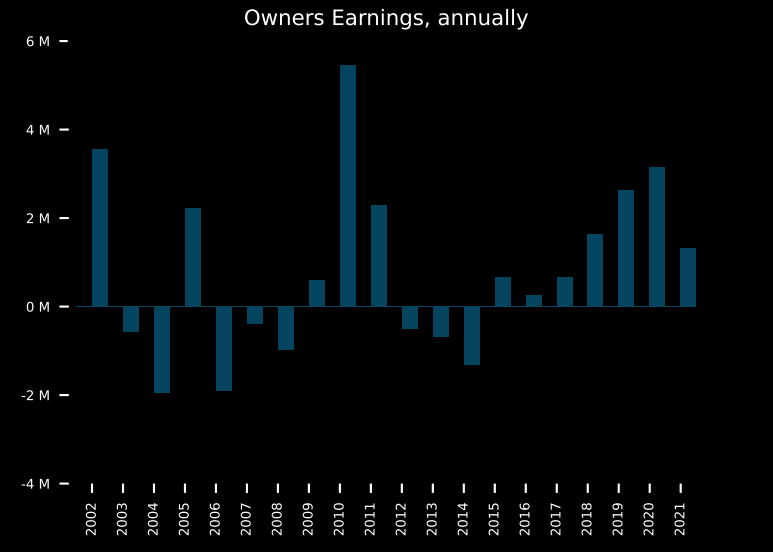
LGL / Electronic Components / US / 2022-06-24

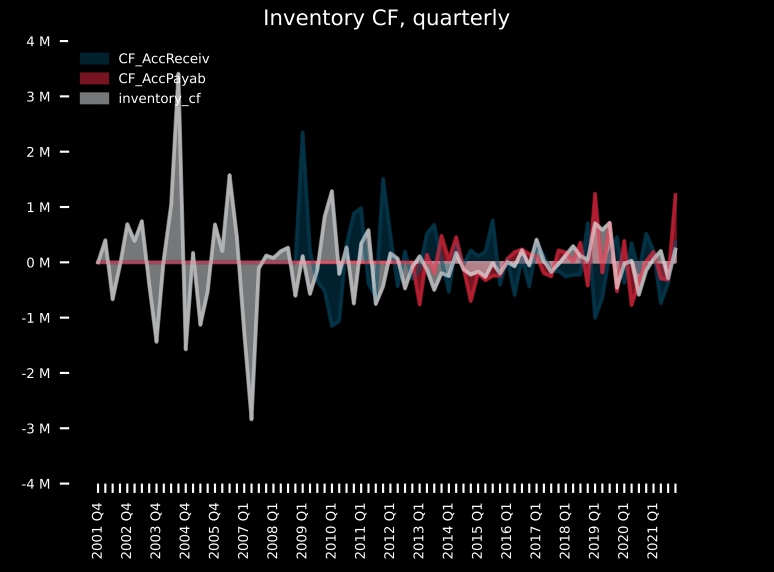






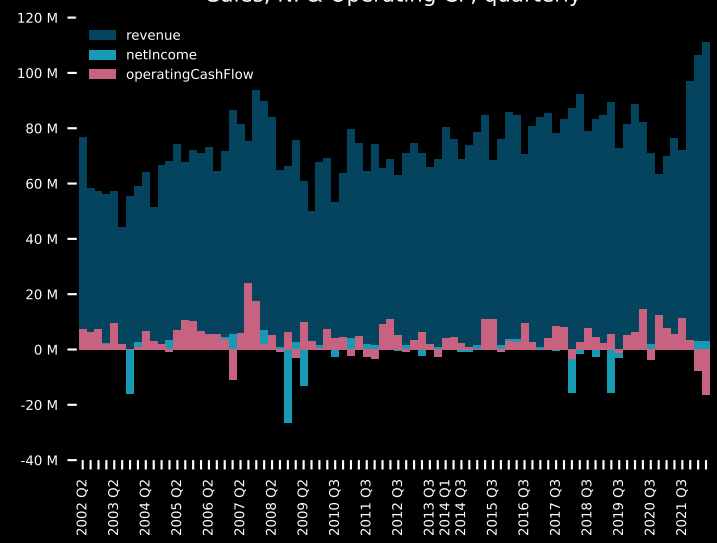


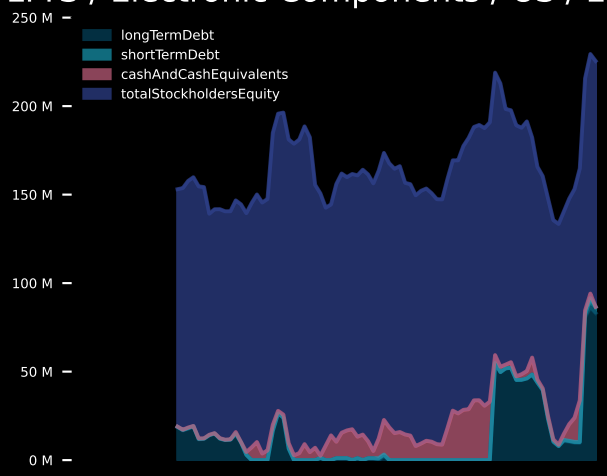


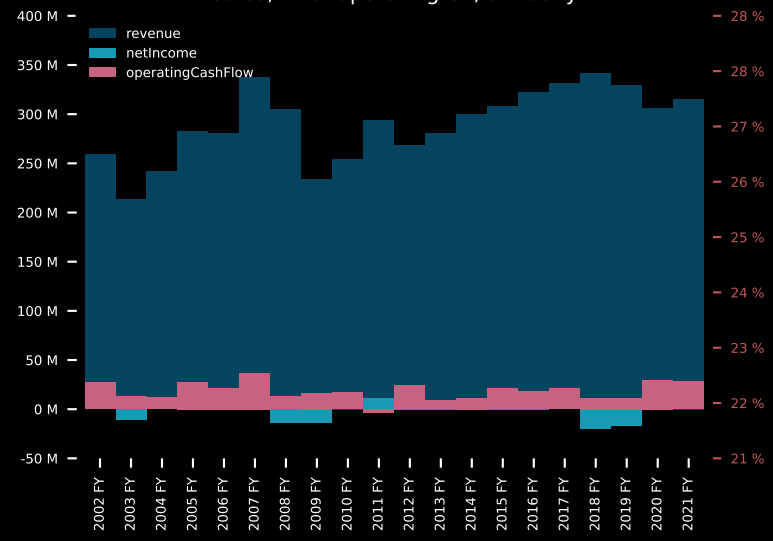


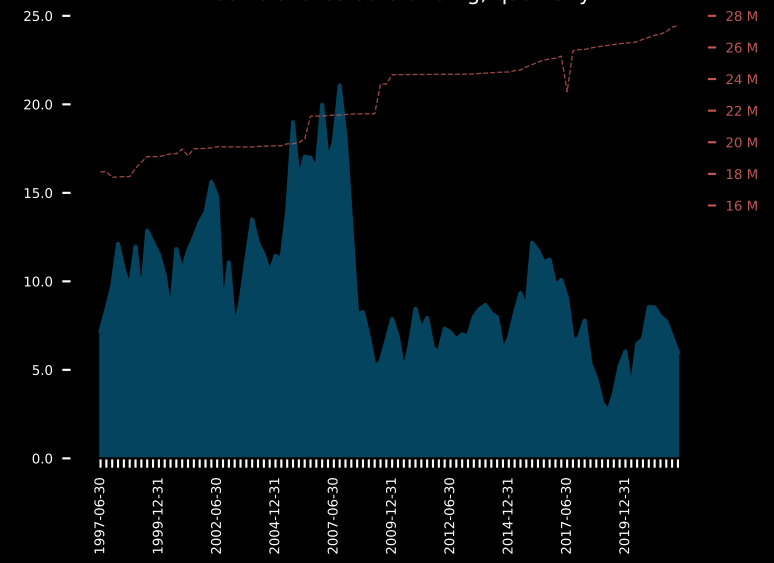
The LGL Group, Inc., together with its subsidiaries, engages in the design, manufacture, and marketing of frequency and spectrum control products in the United States and internationally. The company operates through two segments, Electronic Components and Electronic Instruments. The Electronic Components segment offers clock oscillators, VCXO, TCXO OCXO, and DOCXO devices; and radio frequency, microwave and millimeter wave filters, diplexers, and solid-state power amplifiers. It also provides filter devices, which includes crystal, ceramic, LC, tubular, combline, cavity, interdigital, and metal insert waveguide, as well as digital, analog and mechanical tunable filters, switched filter arrays, and RF subsystems. This segment's products are used in infrastructure equipment for the telecommunications and network equipment industries; and electronic systems for applications in defense, aerospace, earth orbiting

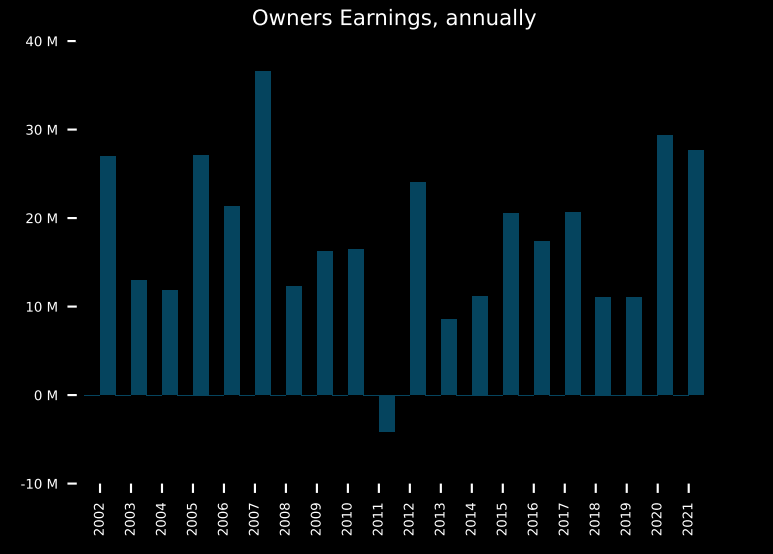
LYTS / Electronic Components / US / 2022-06-25

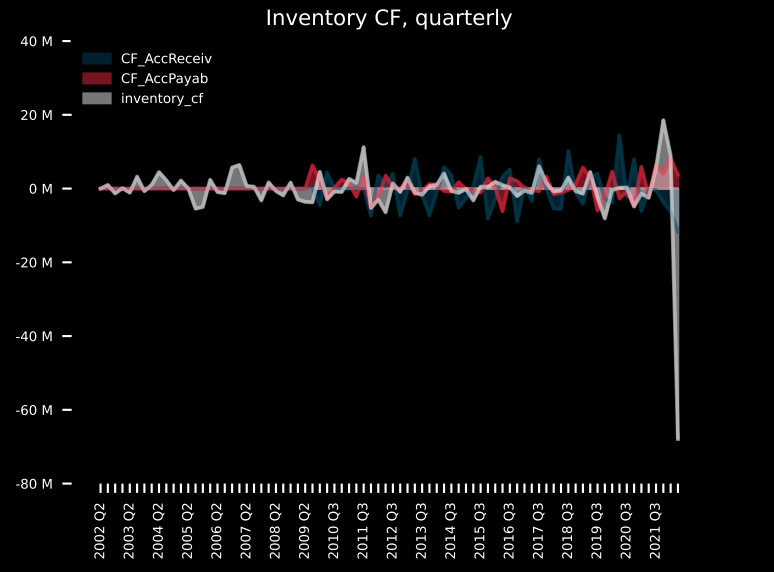






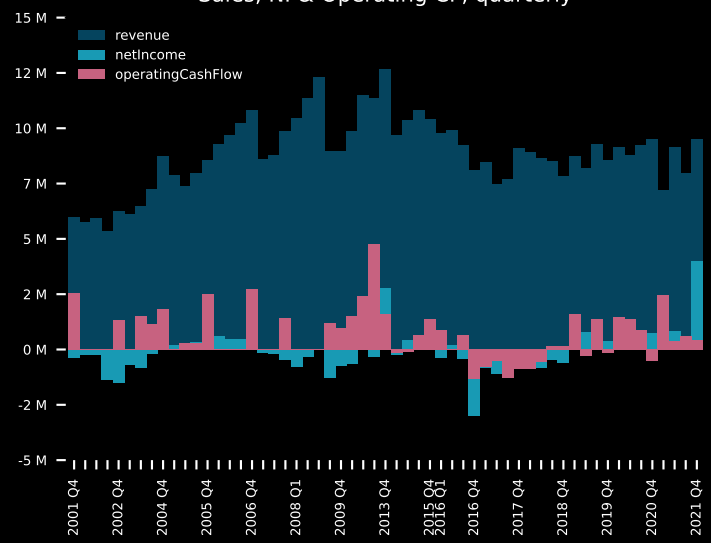


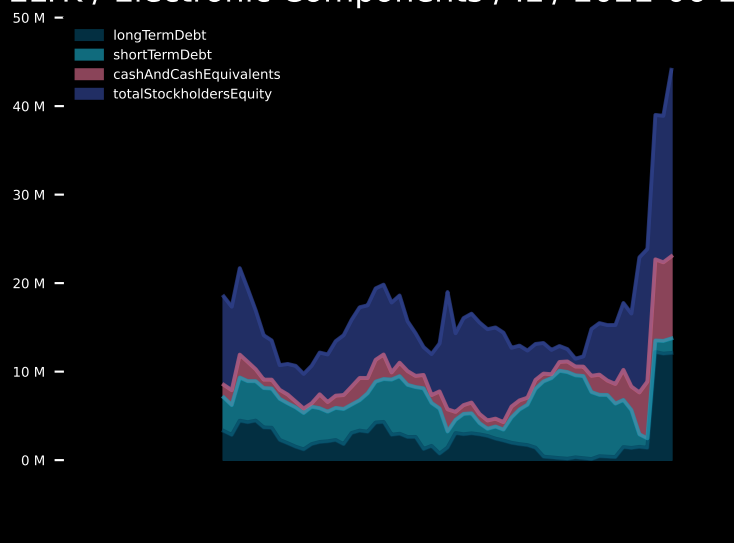


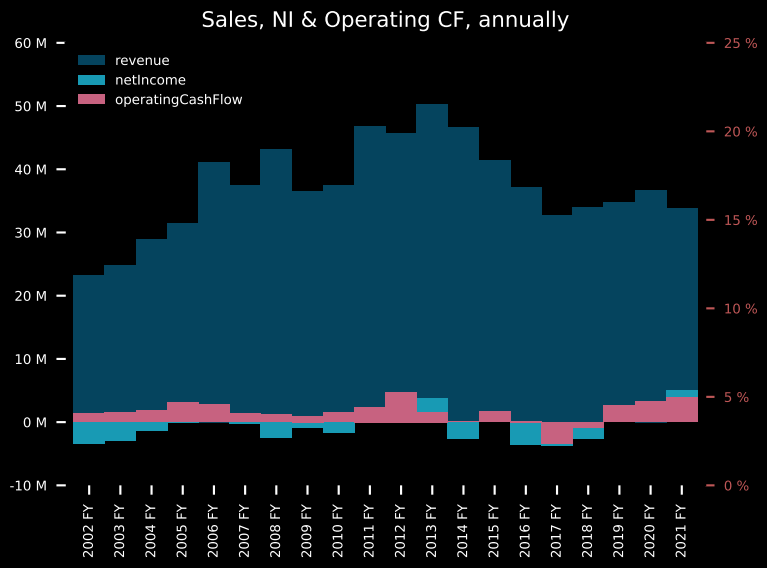


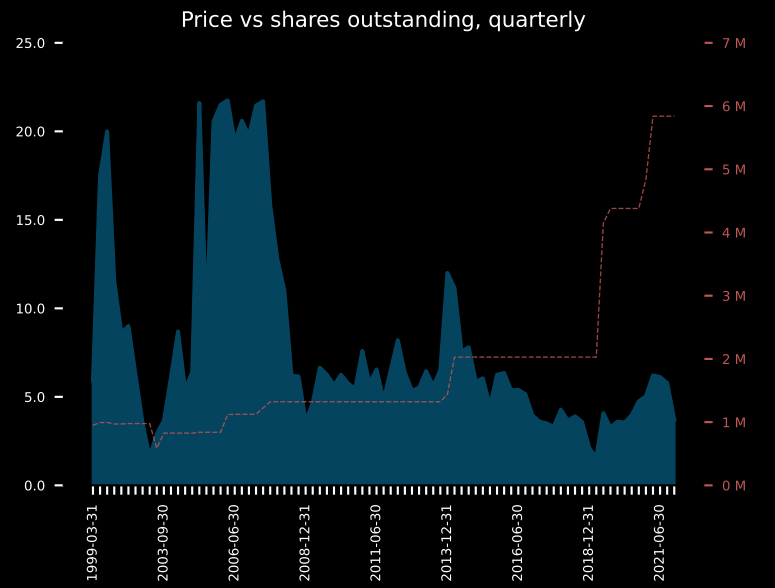
LSI Industries Inc. manufactures and sells non-residential lighting and retail display solutions in the United States, Canada, Mexico, Australia, and Latin America. It operates in two segments, Lighting and Display Solutions. The Lighting segment manufactures, markets, and sells non-residential outdoor and indoor lighting solutions. It also offers lighting control products, including sensors, photocontrols, dimmers, motion detection, and Bluetooth systems to support lighting fixtures; and designs, engineers, and manufactures electronic circuit boards, assemblies, and sub-assemblies. The Display Solutions segment manufactures, sells, and installs exterior and interior visual image and display elements, including printed and structural graphics, digital signage, menu board systems, display fixtures, refrigerated displays, and custom display elements. Its products comprise signage and canopy graphics, pump dispenser

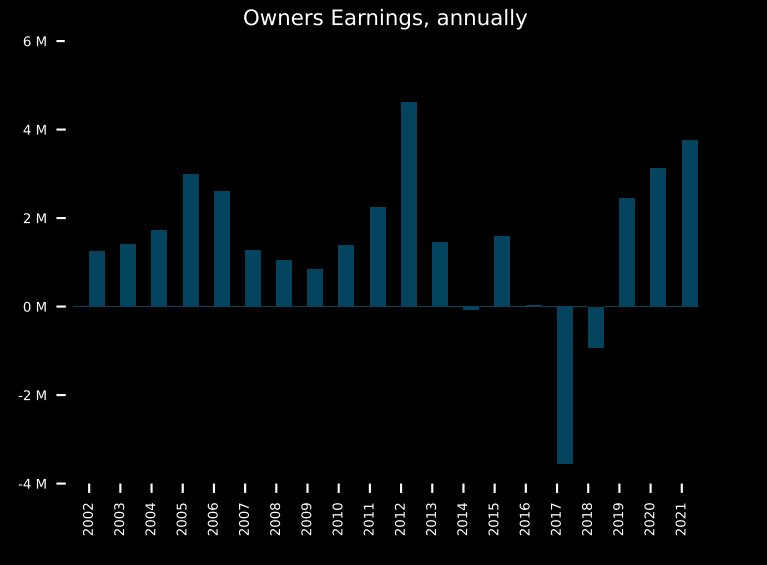
ELTK / Electronic Components / IL / 2022-06-25

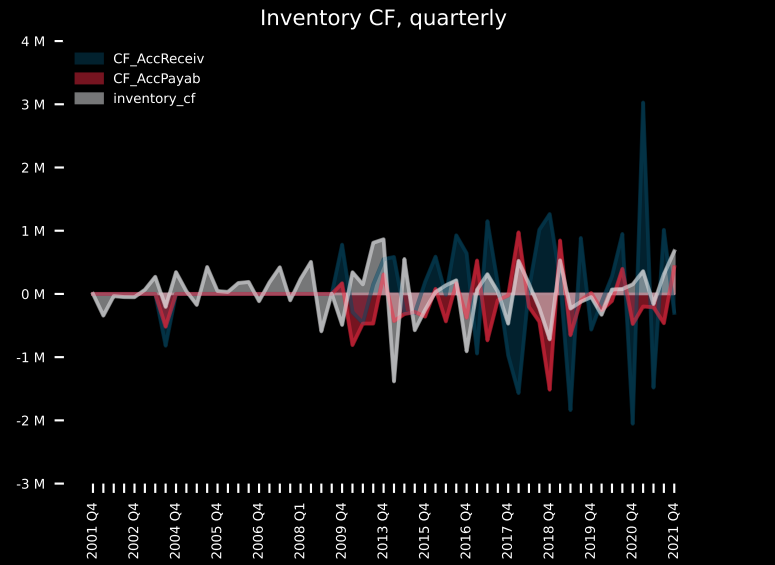






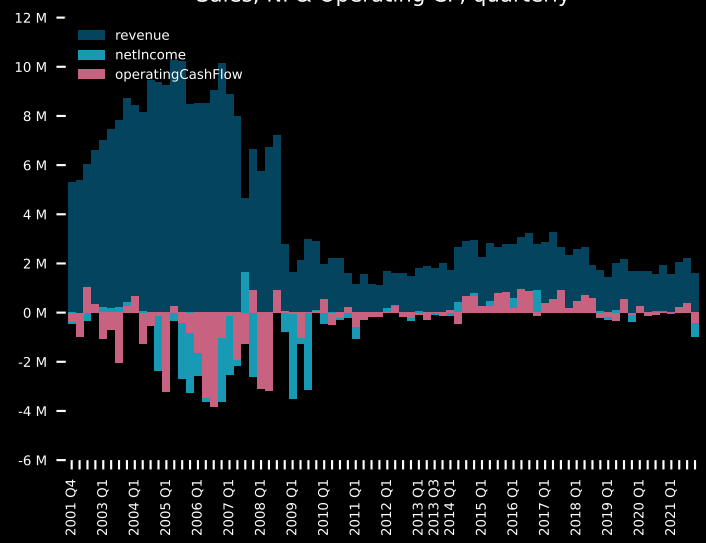


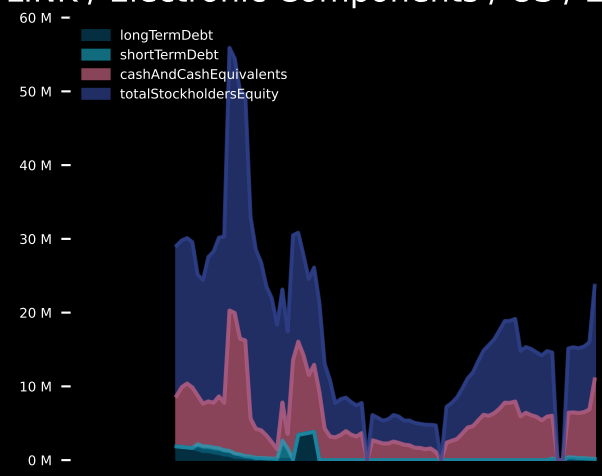


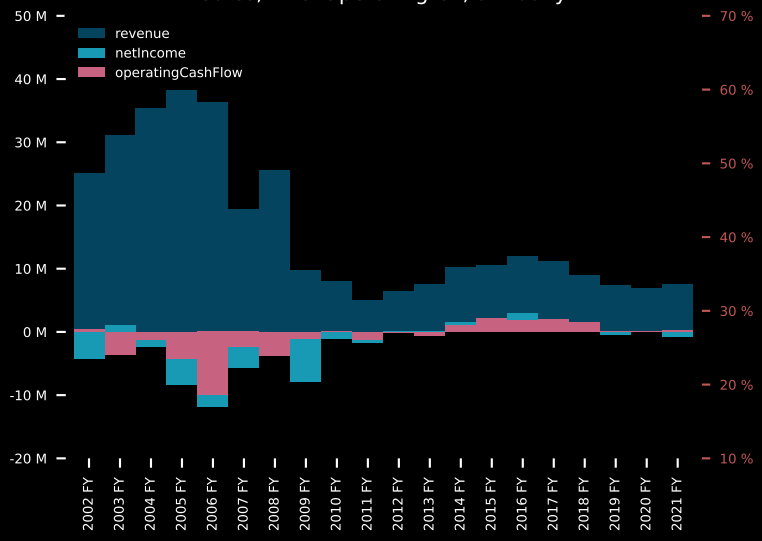


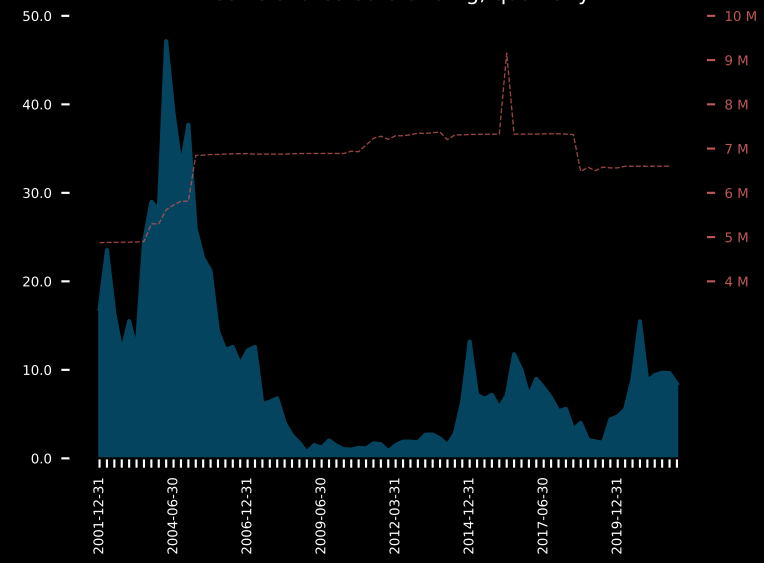
Eltek Ltd. manufactures, markets, and sells printed circuit boards (PCBs) in Israel, Europe, North America, India, the Netherlands, and internationally. The company offers a range of custom designed PCBs, including rigid, double-sided, and multi-layer PCBs, and flexible circuitry boards. It also offers high density interconnect, flex-rigid, and multi-layered boards. It primarily serves manufacturers of defense and aerospace, medical, industrial, telecom, and networking equipment, as well as contract electronic manufacturers and others. The company markets and sells its products primarily through direct sales personnel, sales representatives, and PCB trading and manufacturing companies. Eltek Ltd. was incorporated in 1970 and is headquartered in Petach Tikva, Israel. Eltek Ltd. is a subsidiary of Nistec Golan Ltd.

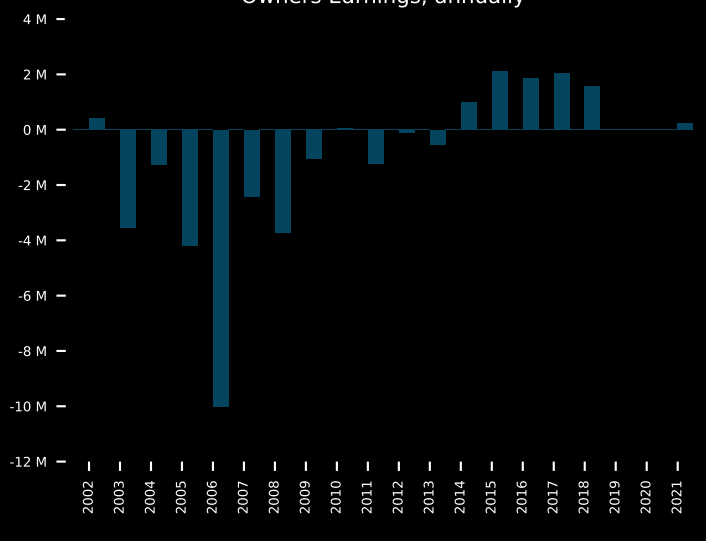
LINK / Electronic Components / US / 2022-06-25

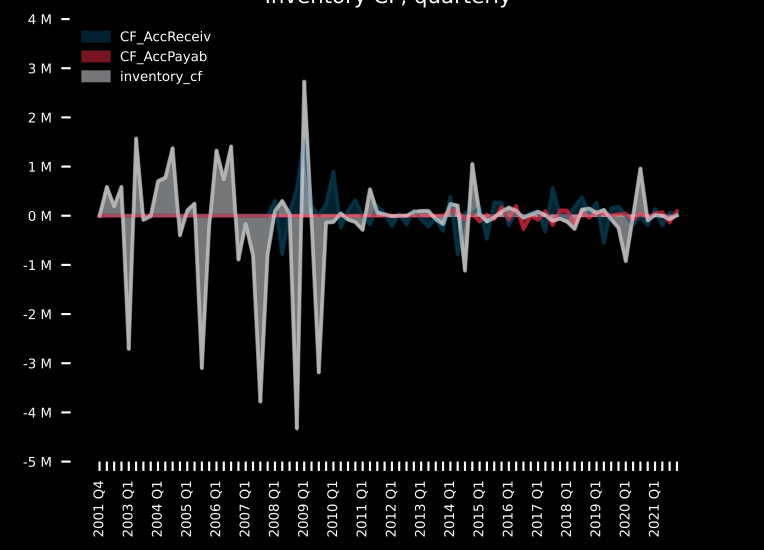






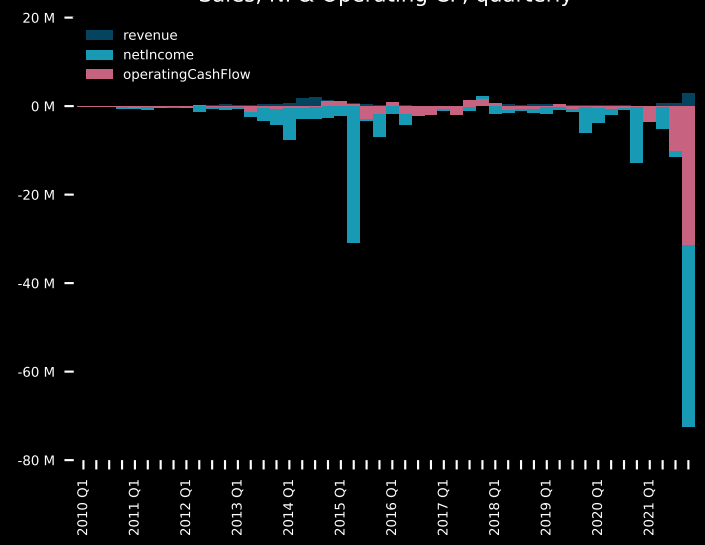


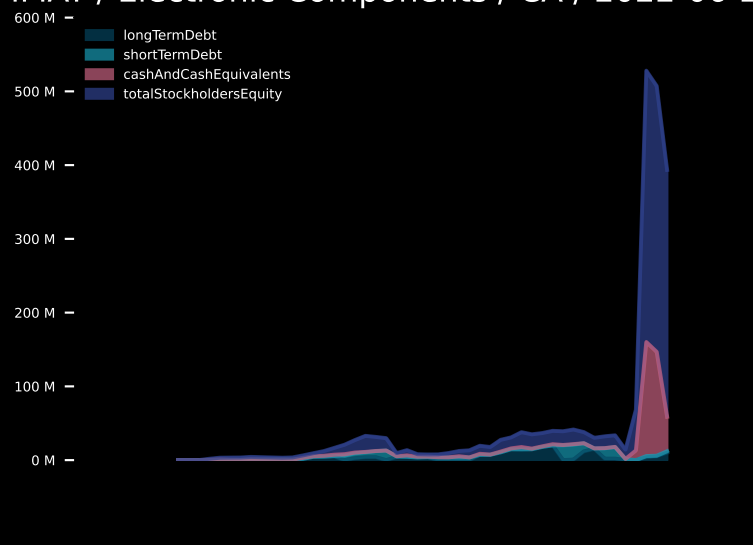


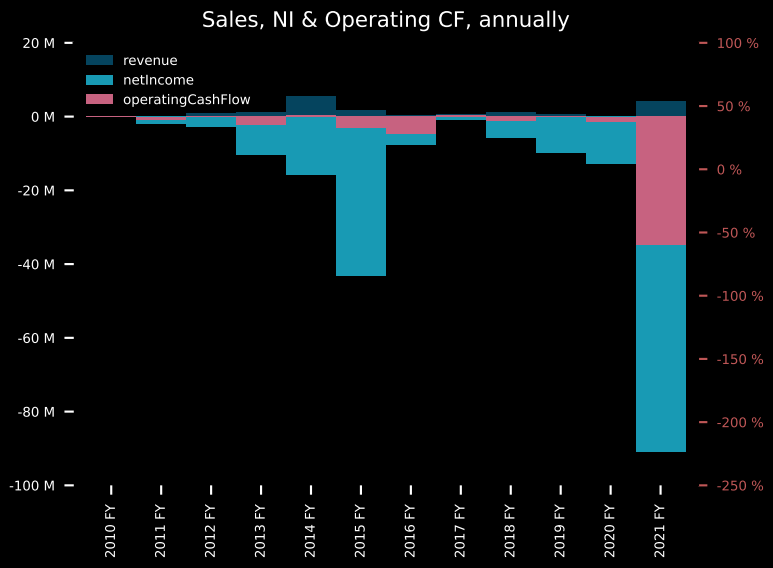


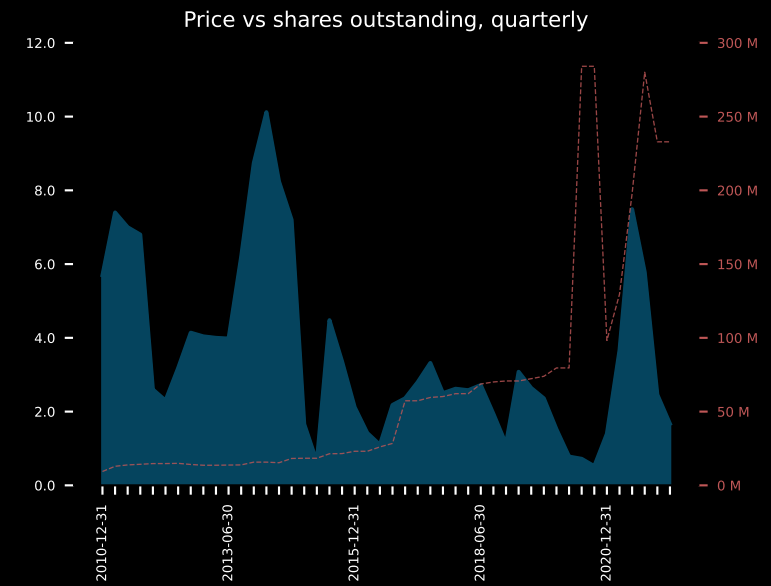
Interlink Electronics, Inc., together with its subsidiaries, designs, develops, manufactures, and sells force-sensing technologies that incorporate proprietary materials technology, and firmware and software into sensor-based products and custom sensor system solutions. Its products comprise sensor components, subassemblies, modules, and products that support cursor control and novel three-dimensional user inputs. The company also provides multi-finger capable rugged trackpads; Force-Sensing Resistor sensors; force sensing linear potentiometers for menu navigation and control; and integrated mouse modules and pointing solutions to various electronic devices. In addition, it offers human machine interface technology platforms for various applications, including vehicle entry, vehicle multi-media control interface, rugged touch controls, presence detection, collision detection, speed and torque controls, biological

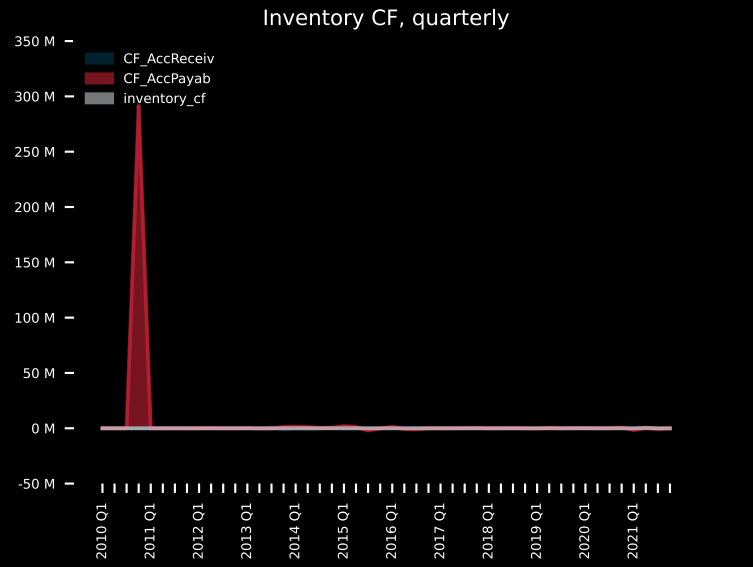
MMAT / Electronic Components / CA / 2022-06-25





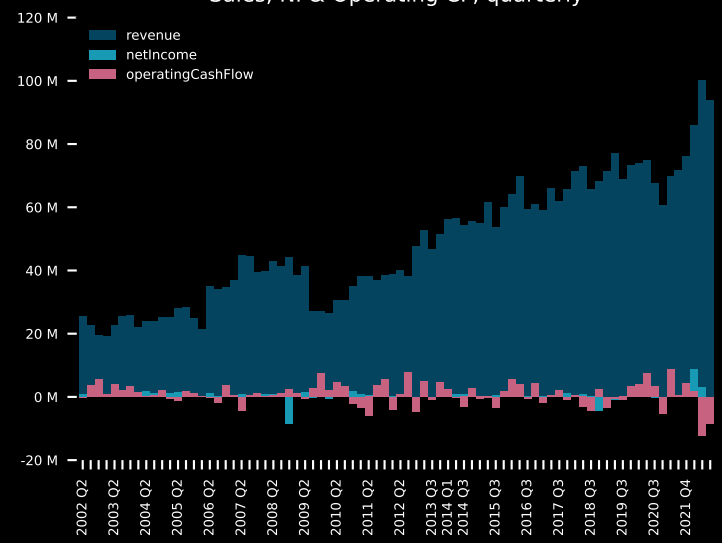


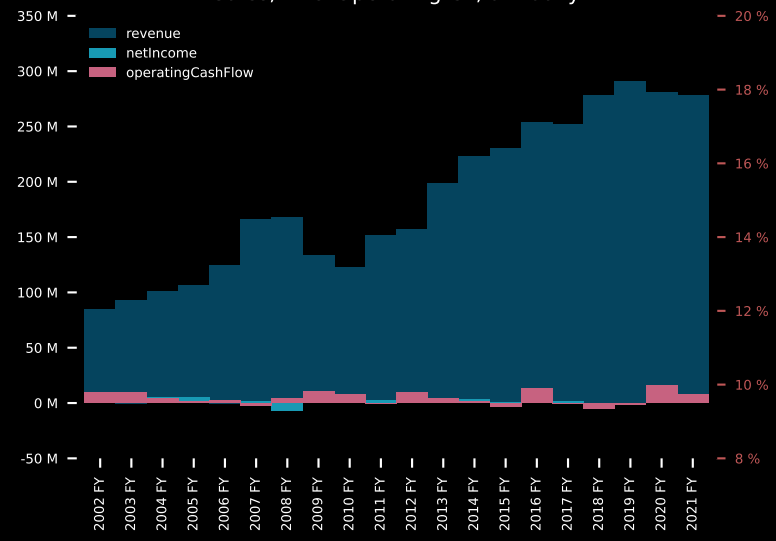


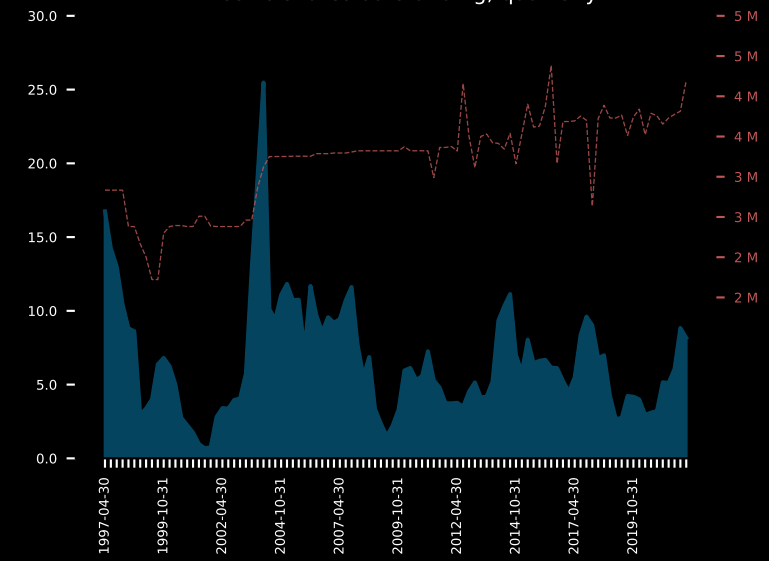


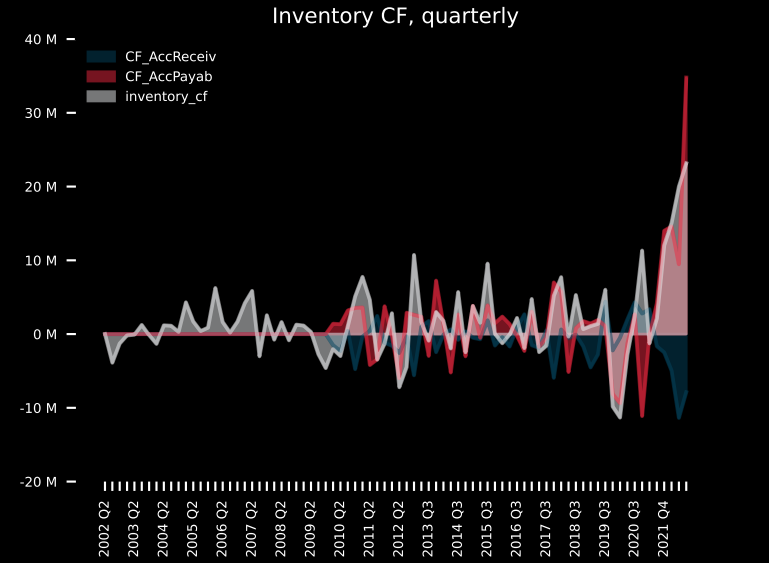
Meta Materials Inc. invents, designs, develops, and manufactures various functional materials and nanocomposites. Its products include metaAIR, a laser glare protection eyewear; NANOWEB, a transparent conductive film; holoOPTIX, a holographic optical element; glucoWISE, a non-invasive glucose measurement device; and metaSURFACE, which allows an enhancement in signal to noise ratio of up to 40 times for magnetic resonance imaging scans. The company also develops and produces nano-optic structures and color-shifting foils that are used in authentication and brand protection applications in various markets, including banknotes, secure government documents, and commercial branding, as well as engages in the research, development, and manufacture of smart materials. Its customers are OEM providers in various industries, including aerospace, automotive, consumer electronics, communications, energy

SGMA / Electronic Components / US / 2022-06-25



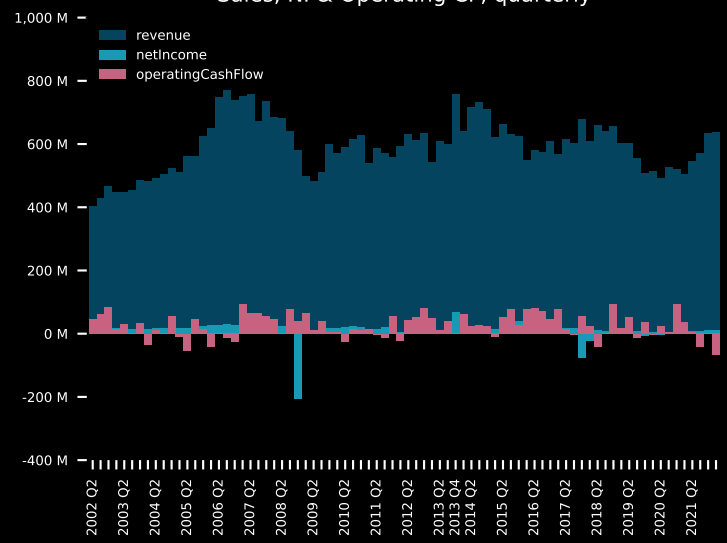


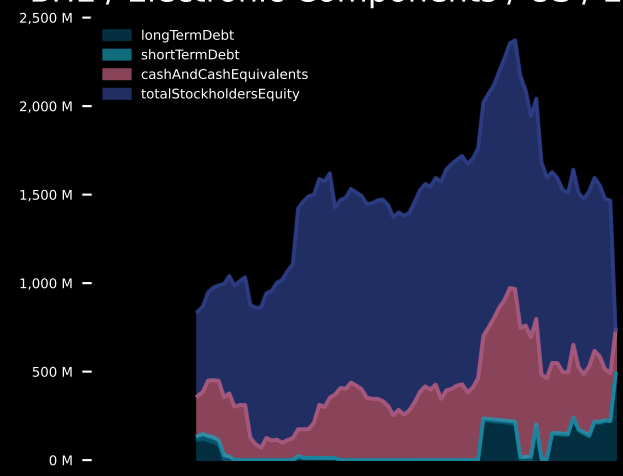


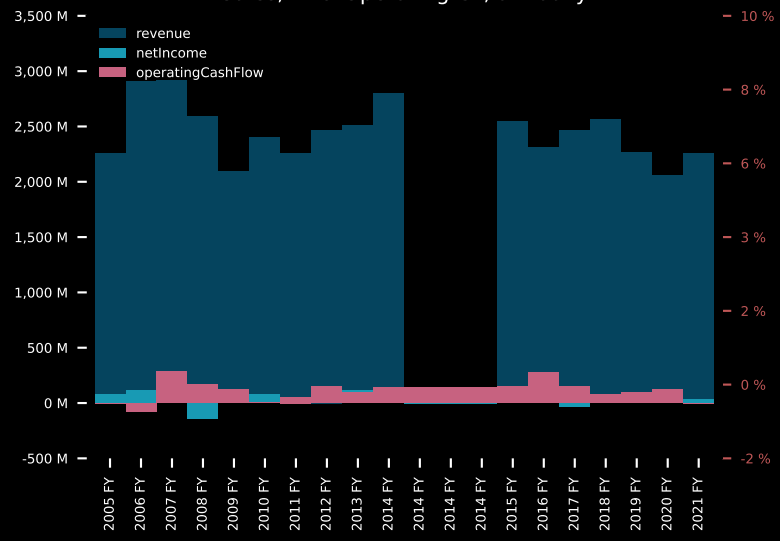


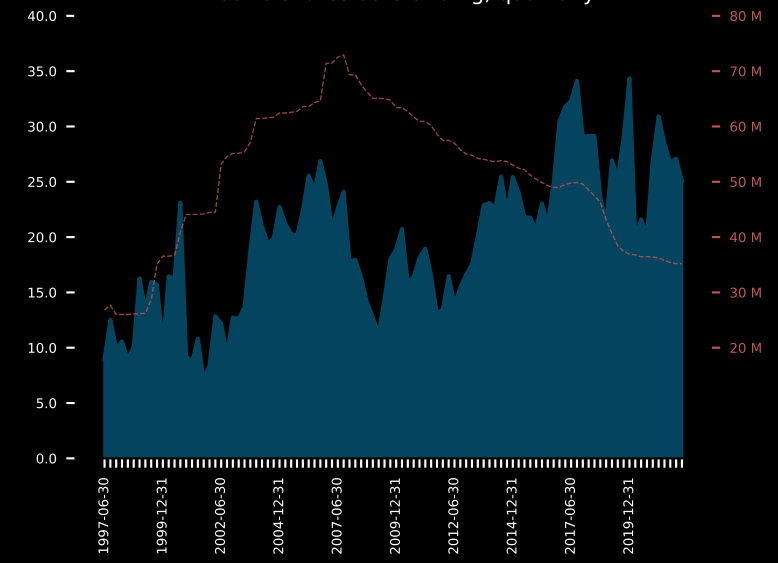
SigmaTron International, Inc. operates as an independent provider of electronic manufacturing services (EMS). Its EMS services include printed circuit board assemblies and completely assembled (box-build) electronic products. The company also offers automatic and manual assembly and testing of products; material sourcing and procurement services; manufacturing and test engineering support services; design services; warehousing and distribution services; and assistance in obtaining product approval from governmental and other regulatory bodies. It primarily serves industrial electronics, consumer electronics, and medical/life sciences industries in the United States, Mexico, China, Vietnam, and Taiwan. The company markets its services through independent manufacturers' representative organizations. SigmaTron International, Inc. was incorporated in 1993 and is headquartered in Elk Grove Village, Illinois.

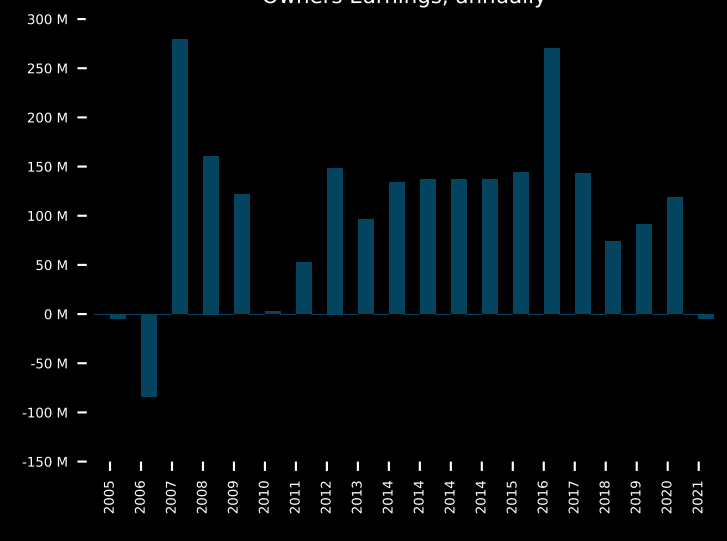
BHE / Electronic Components / US / 2022-06-25

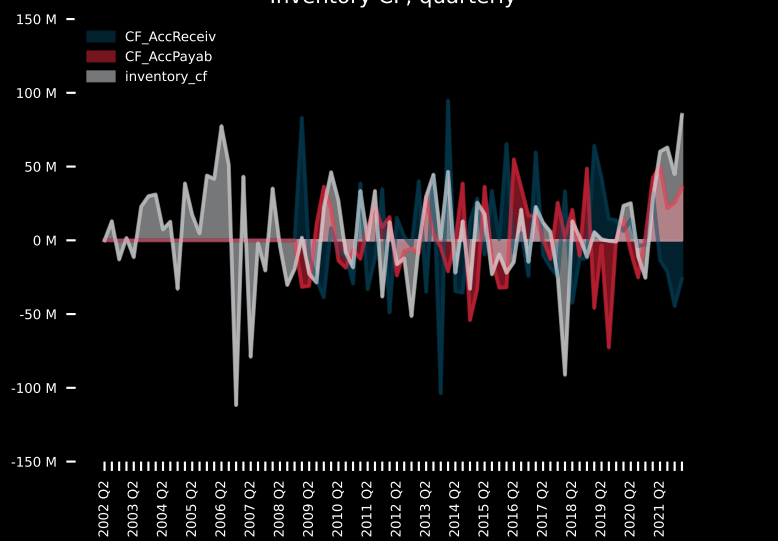




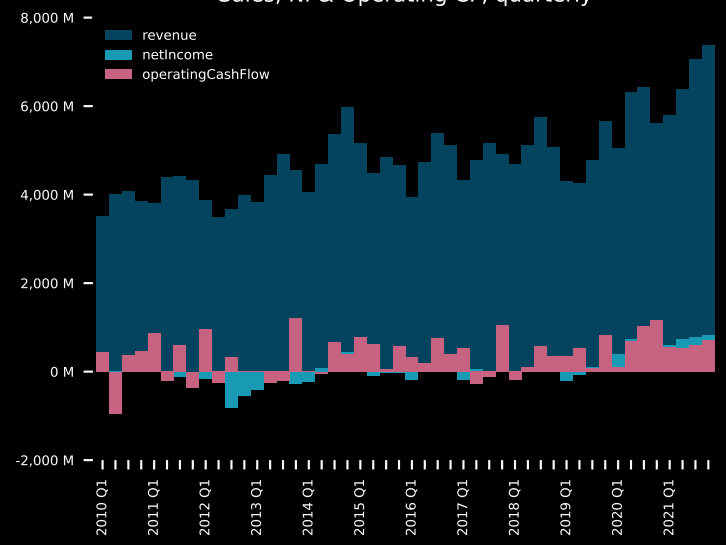


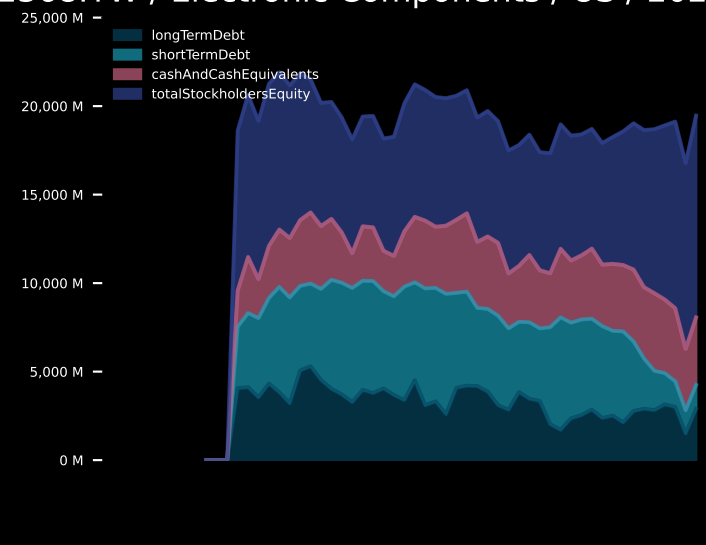


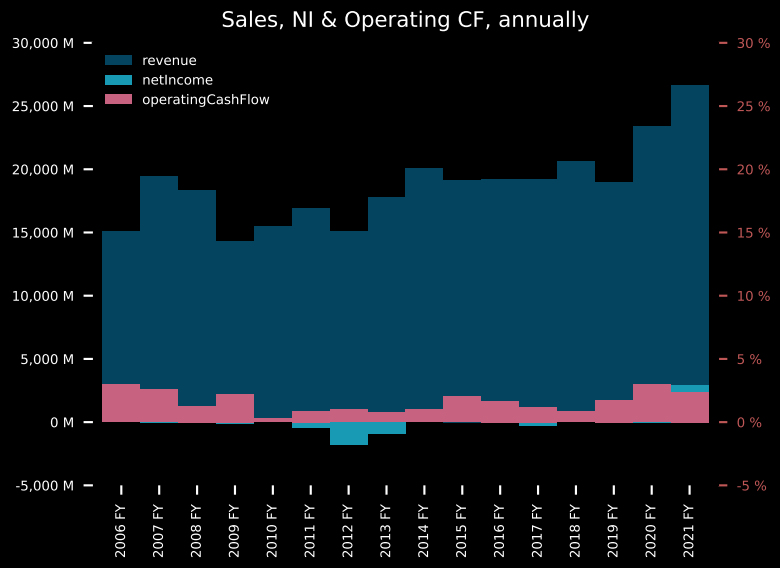


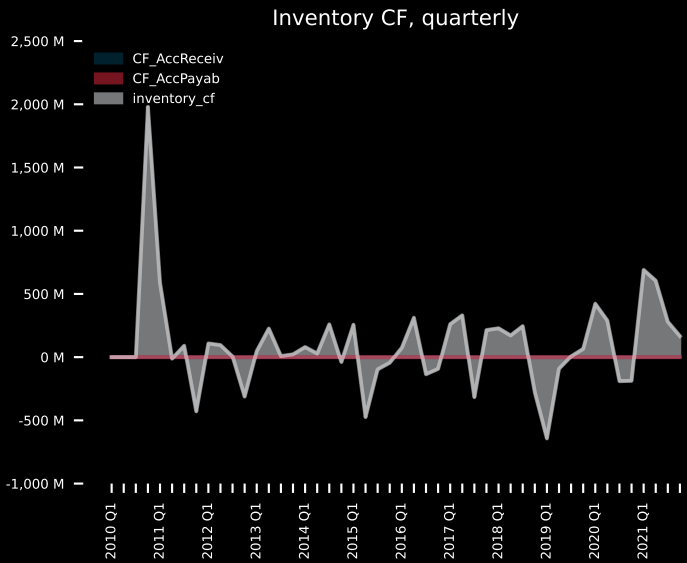


Benchmark Electronics, Inc., together with its subsidiaries, provides product design, engineering services, technology solutions, and manufacturing services in the Americas, Asia, and Europe. The company offers engineering services and technology solutions, including new product design, prototype, testing, and related engineering services; and custom testing and technology solutions, as well as automation equipment design and build services. It also provides electronics manufacturing and testing services, such as printed circuit board assembly and test solutions, assembly of subsystems, circuitry and functionality testing of printed assemblies, environmental and stress testing, and component reliability testing; component engineering services; manufacturing defect analysis, in-circuit testing, functional testing, and life cycle testing services, as well as environmental stress tests of assemblies of boards or systems; and









Gold Circuit Electronics Ltd. engages in the manufacture and sale of computer-related products in Taiwan and internationally. The company offers servers, workstations, notebook personal computers, desktop personal computers, etc. Its products are used in telecommunication, networking, cell phones, high-current power supplies, storage, and other fields. The company was founded in 1981 and is headquartered in Taoyuan City, Taiwan.

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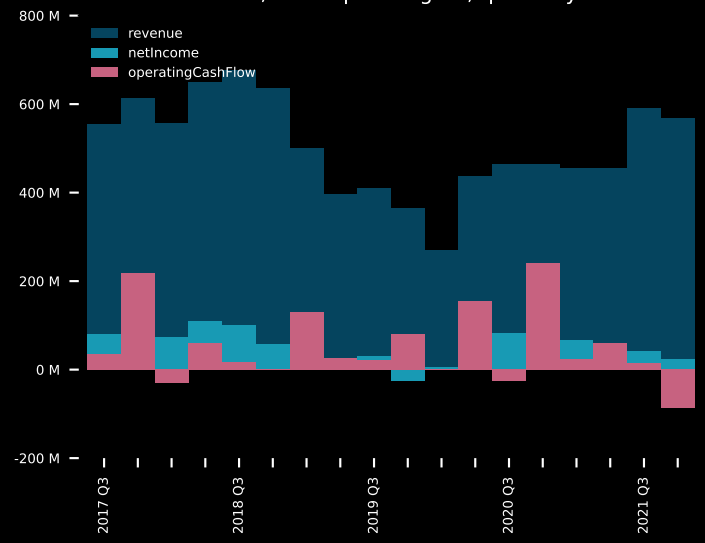
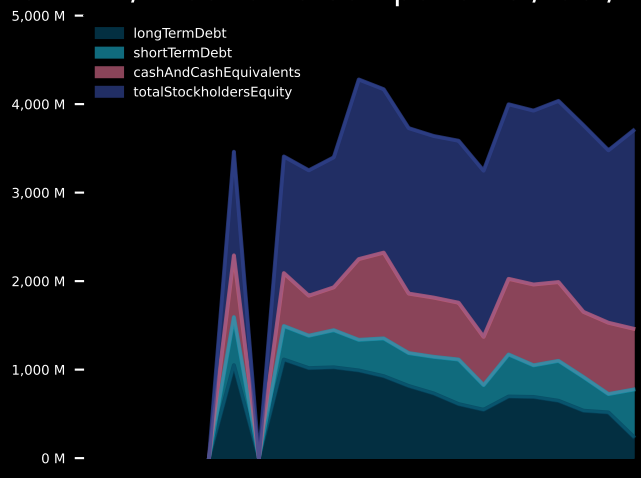
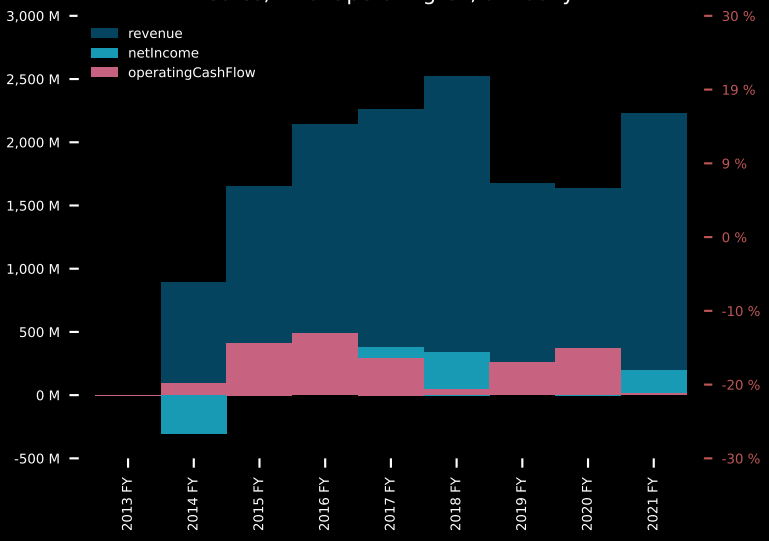
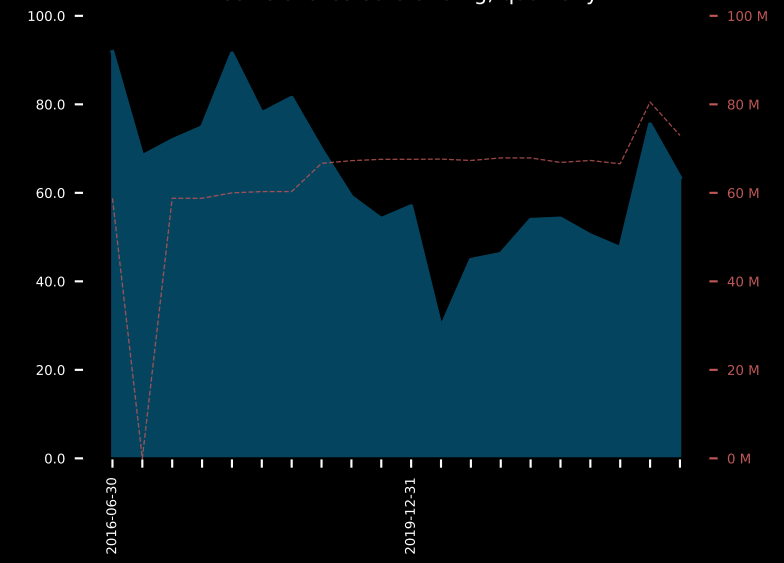
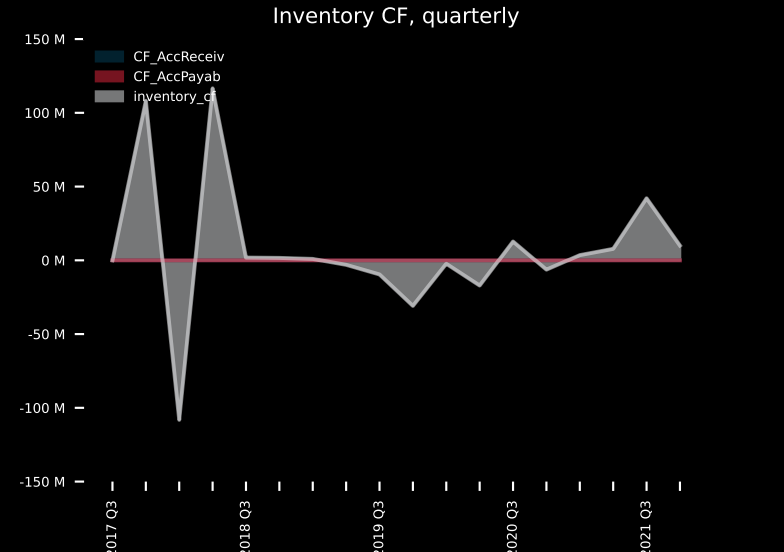


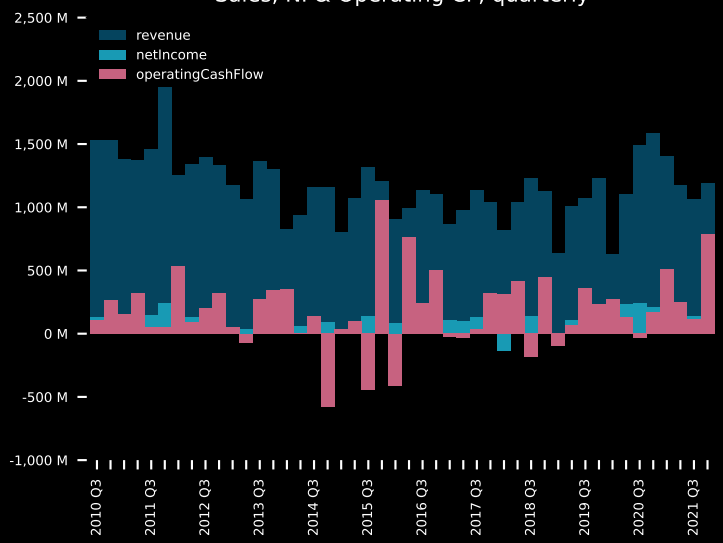


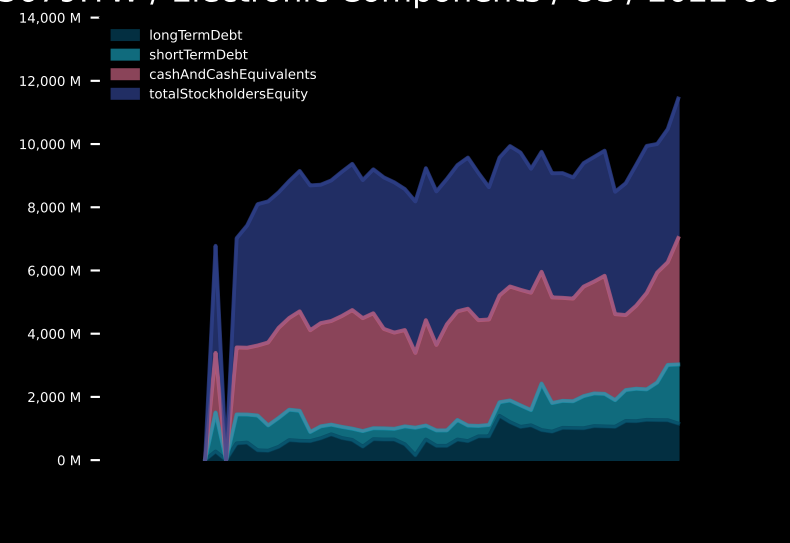


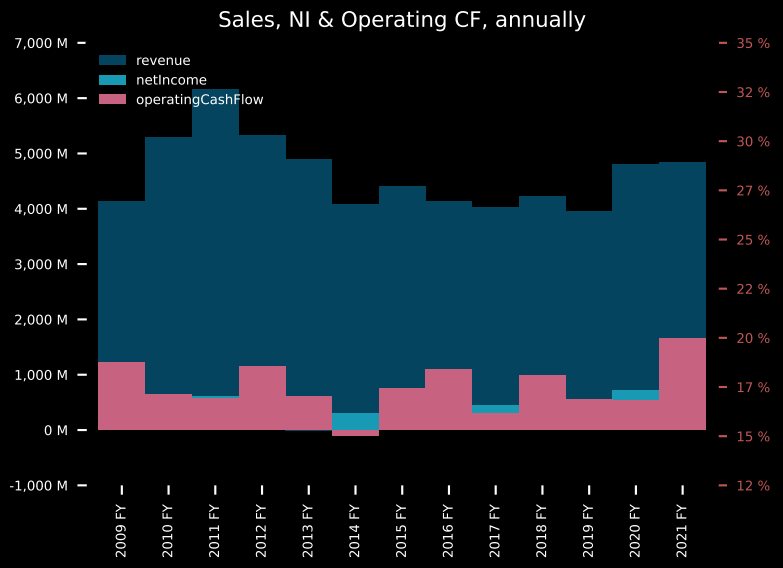


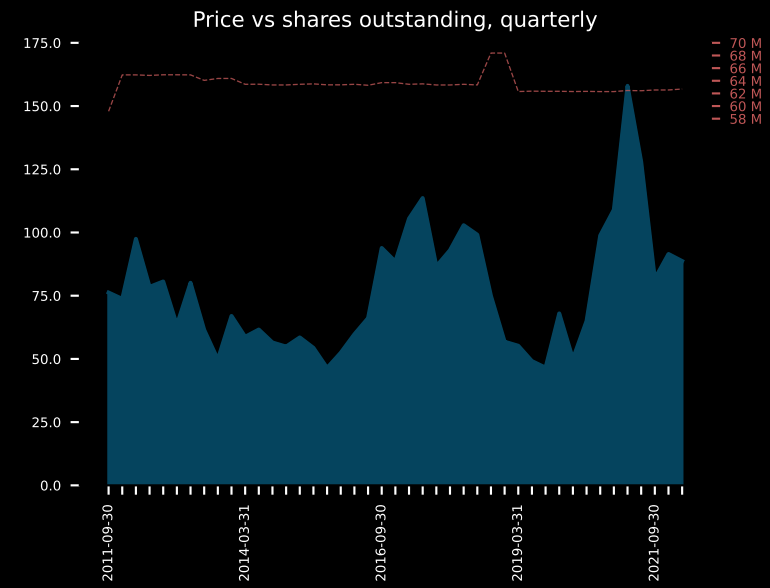


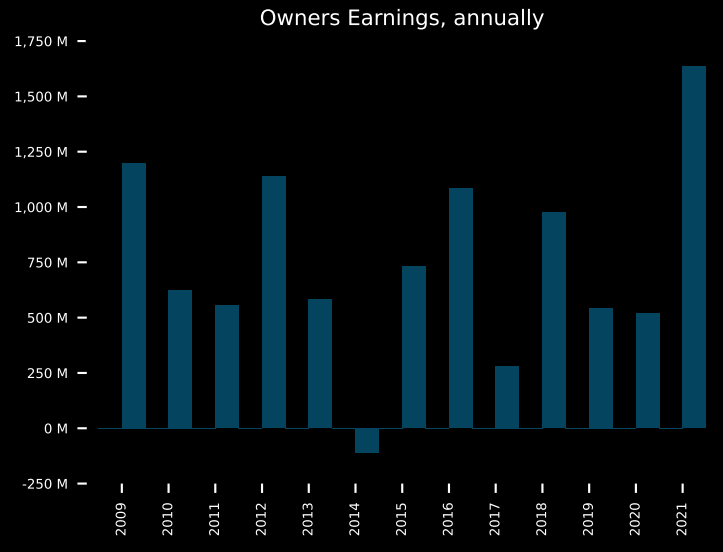
RiTdisplay Corporation engages in the research and development, manufacture, and sale of organic light-emitting diodes in Taiwan and internationally. It also provides various flat-panel display products. The company's products are used in large-scale display panels like cellular phone, PDA, game, stereo, computer, and television. RiTdisplay Corporation was founded in 1997 and is based in Hsinchu City, Taiwan.

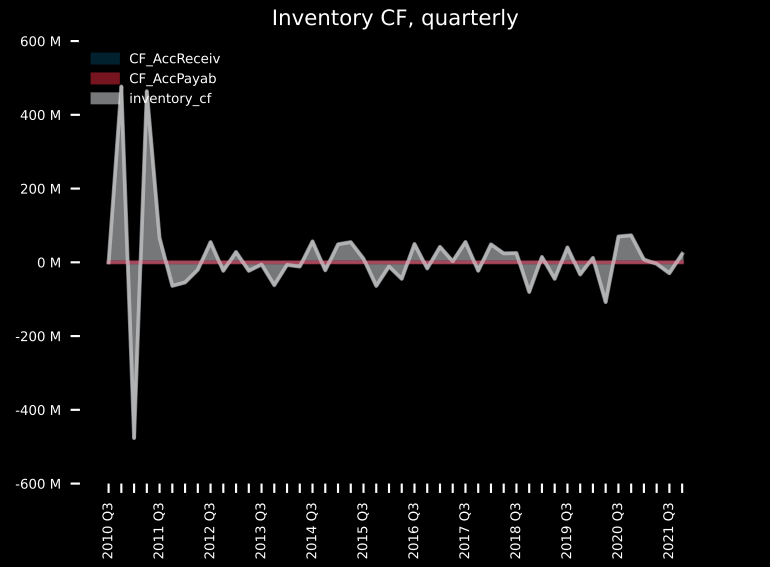




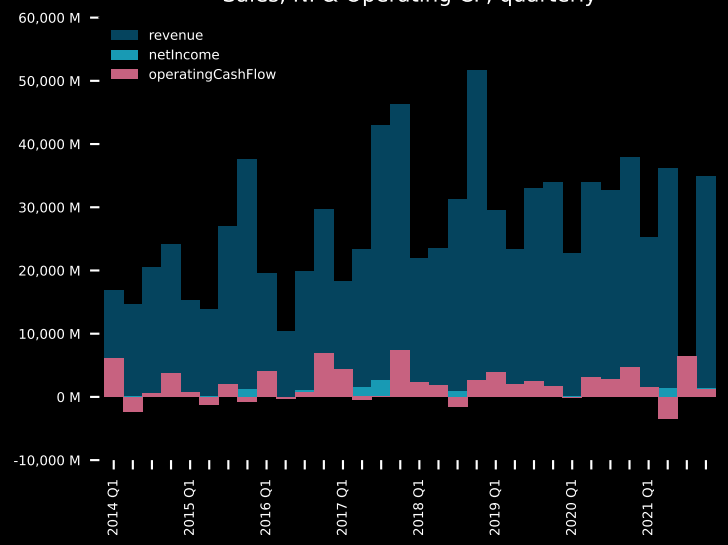


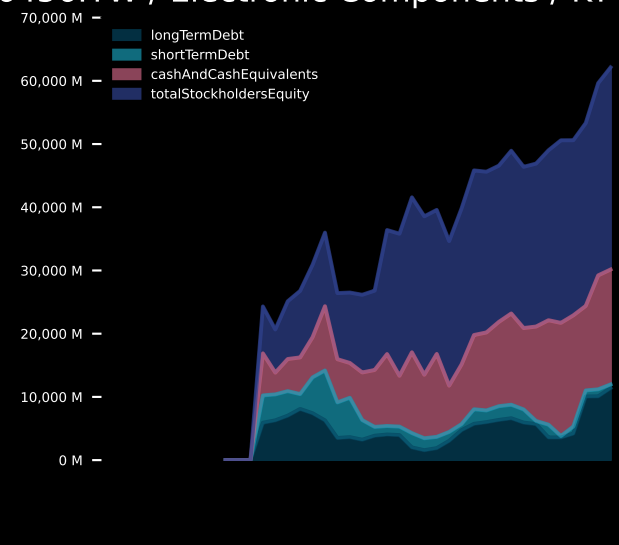


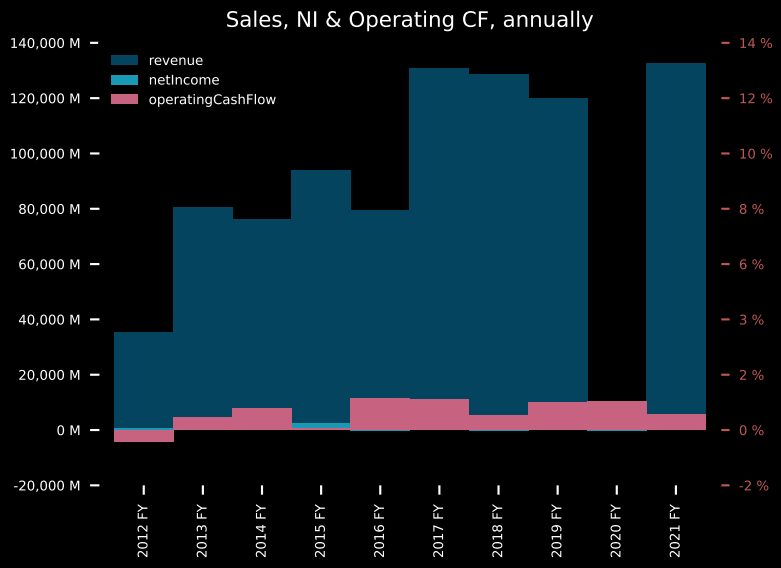


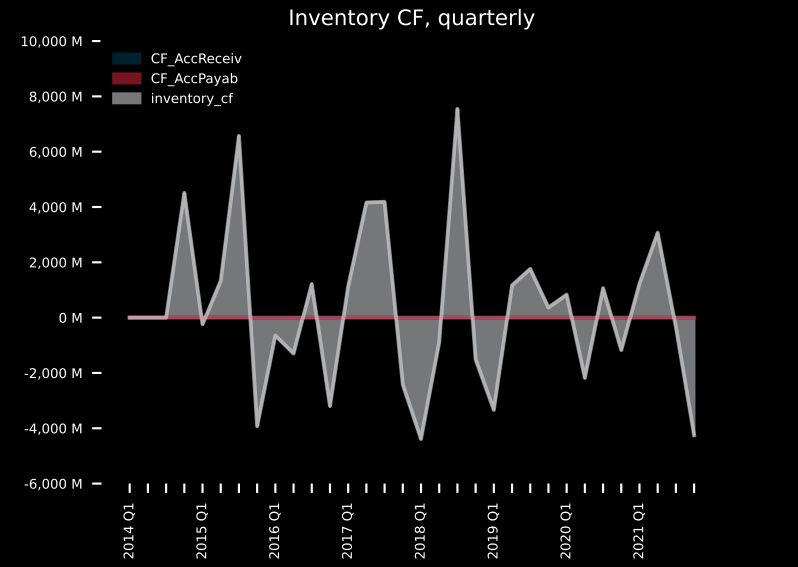


Nishoku Technology Inc. designs and manufactures single and double steel plastic injection molds in Taiwan, the United States, rest of Asia, Europe, and internationally. The company offers single injection molding products, such as display cases, VR glass, IPAD cover, overhead console, side mirror direction light, auto interior light, car handle, and walkie-talkie. It also provides double injection molding products, including wireless Bluetooth speakers, function key, control console, and phone keypad. In addition, the company offers tooling products and electronic parts. It serves consumer, computer, auto, and communication sectors. Nishoku Technology Inc. was founded in 1980 and is based in New Taipei City, Taiwan.









General Interface Solution (GIS) Holding Limited engages in the research, development, production, and sales of touch and display modules in the United States, China, Singapore, Japan, Taiwan, and internationally. The company offers touch display solutions combining cover glass, touch sensors, and TFT-LCD display modules, as well as provides after sales services. It is also involved in the manufacture and sale of biometric systems, touch systems, and flat panel displays, as well as its materials; sale of fingerprint recognition products; and research of biomedical services. The company's products are used in wearable devices, mobile phones, tablet PCs, notebooks, automotive devices, AIO products, PND, portable TVs, and interactive whiteboards. General Interface Solution (GIS) Holding Limited was founded in 2011 and is headquartered in Grand Cayman, the Cayman Islands.

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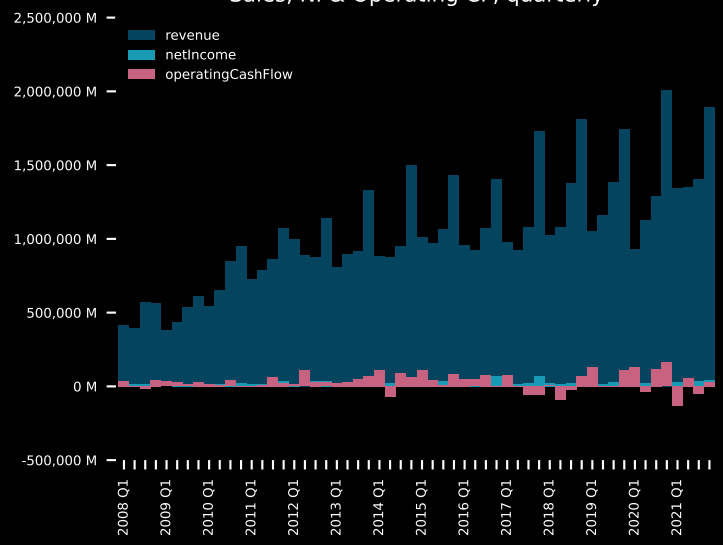
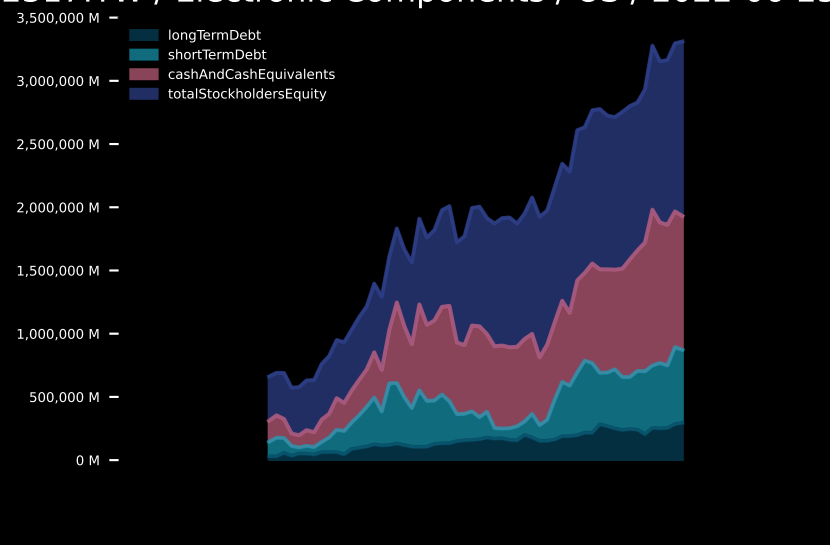
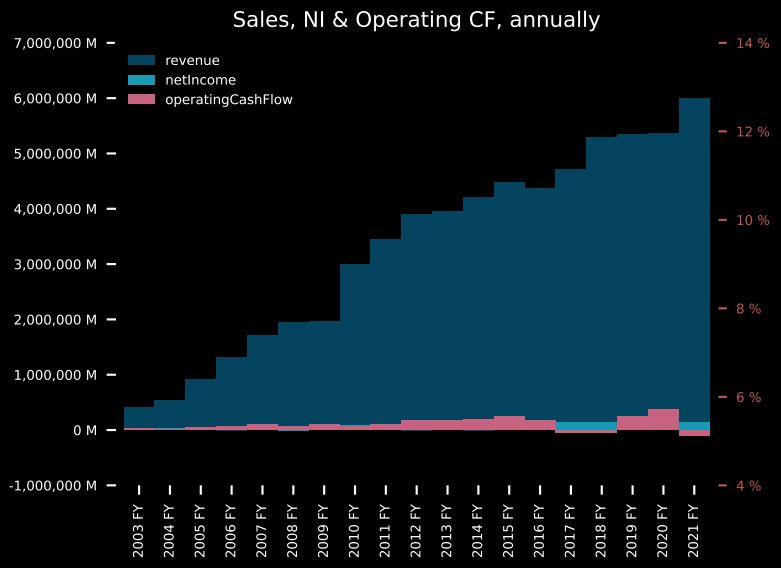
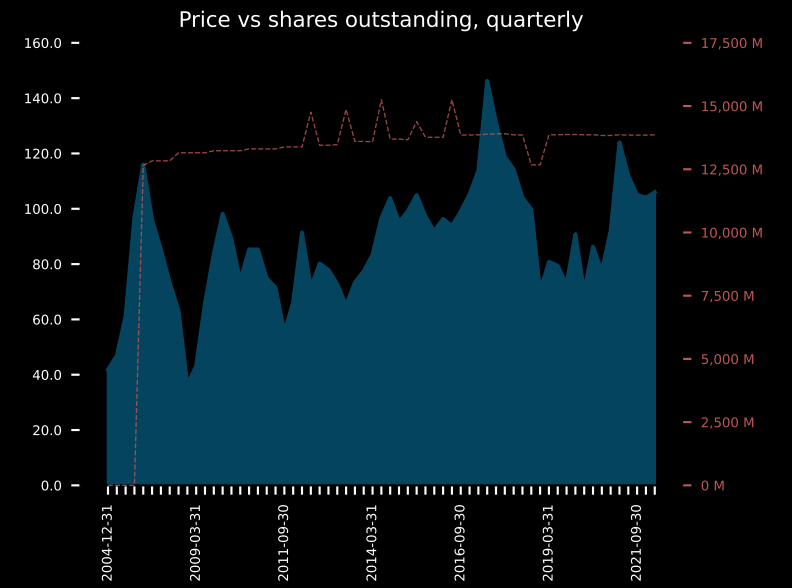
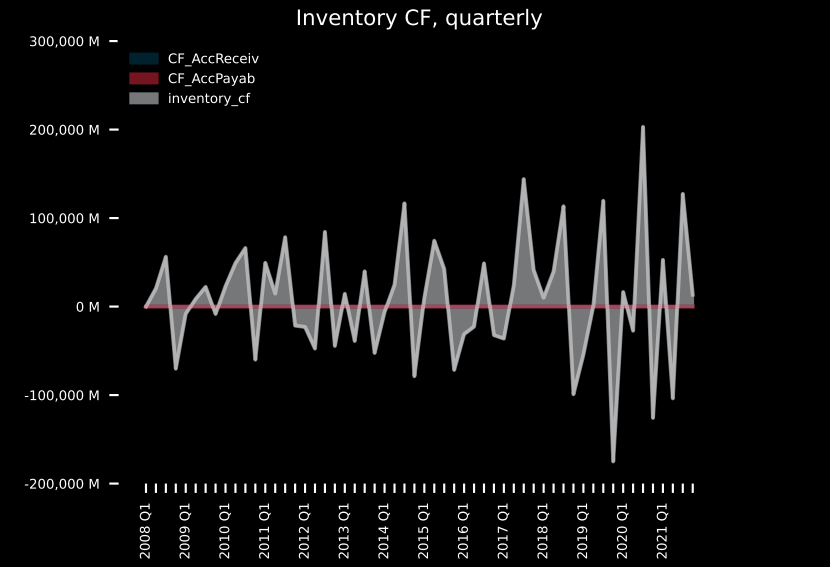


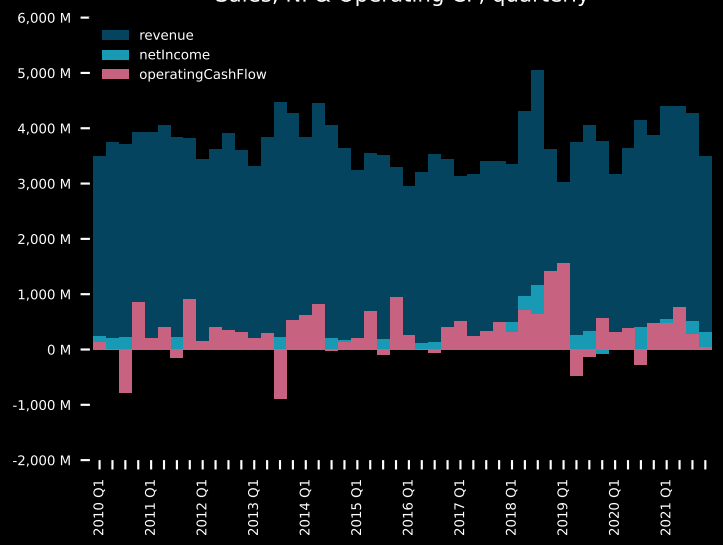


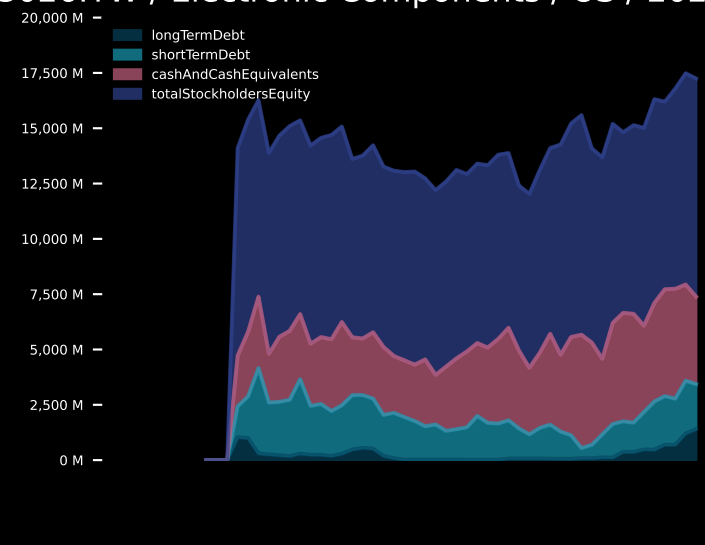


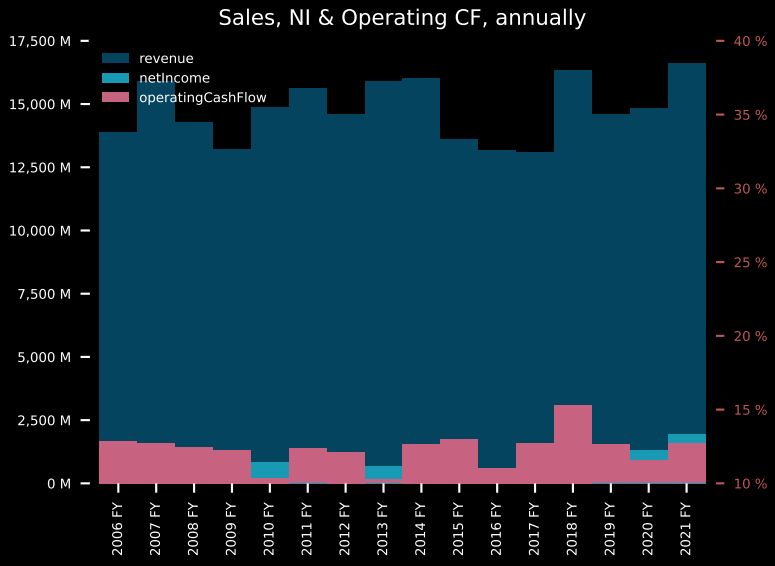


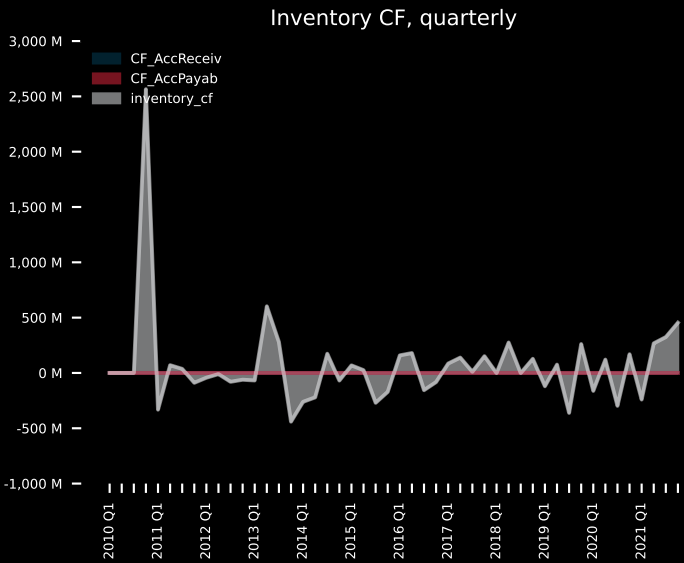


Hon Hai Precision Industry Co., Ltd. provides technology solutions in Japan, Ireland, the United States, Singapore, China, Taiwan, and internationally. The company manufactures, sells, and services connectors, cases, thermal modules, wired/wireless communication products, optical products, power supply modules, and assemblies for use in the information technology, communications, automotive equipment, precision molding, automobile, and consumer electronics industries. It also manufactures automobile wires/electronic devices and electronic components, as well as machinery and equipment; offers solutions for autonomous driving systems, new energy power, and IoV systems; and provides services of planning, advisory, and business management, as well as software and electronic information application, logistics, expert processing, construction, leasing, and information/software services. In addition, the









Holy Stone Enterprise Co.,Ltd. engages in the production and sale of multilayer ceramic capacitors (MLCCs) under the IHHEC brand name in Taiwan. The company offers MLCC solutions for PoE circuits, switching power supplies, battery management systems, automotive touchscreen LCD modules, LED lightings, termination MLCCs, trackpads, and SAR P-sensors. It also distributes IC component and memory products, active components, peripheral components, electronics components, and power components. Holy Stone Enterprise Co.,Ltd. was founded in 1981 and is headquartered in Taipei, Taiwan.

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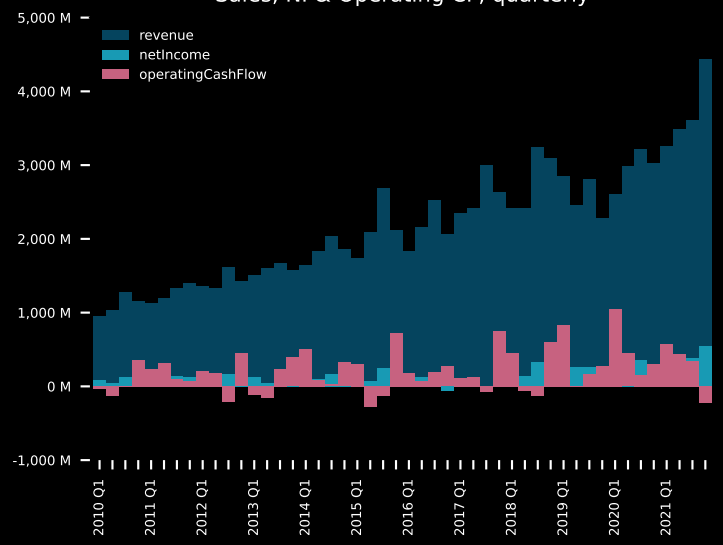

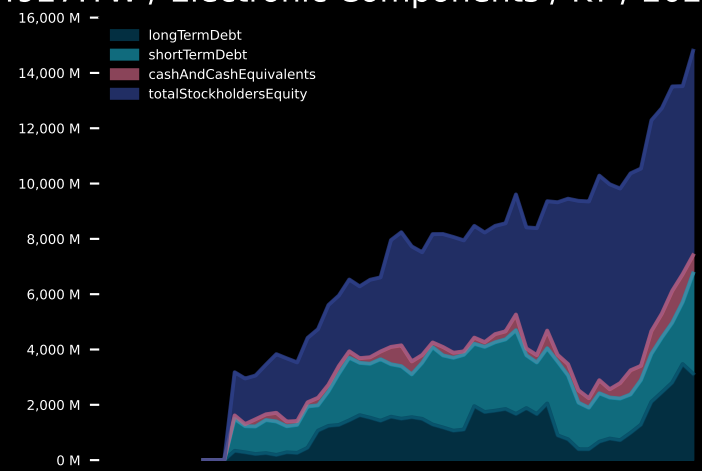

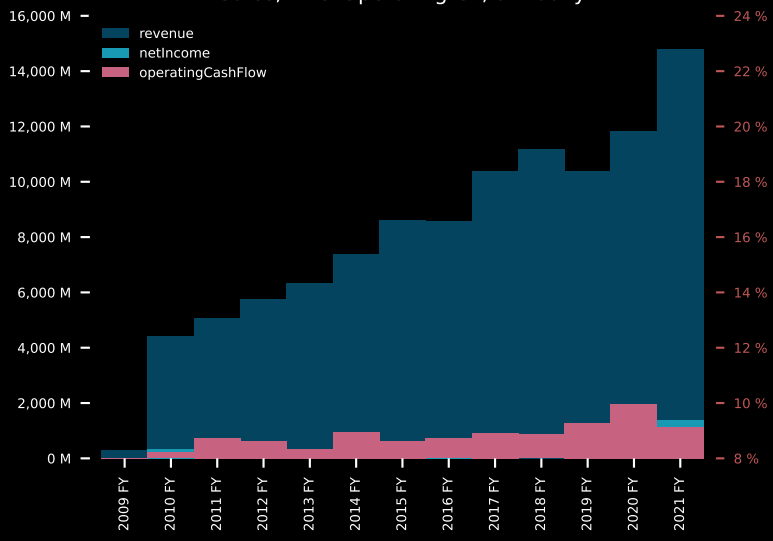

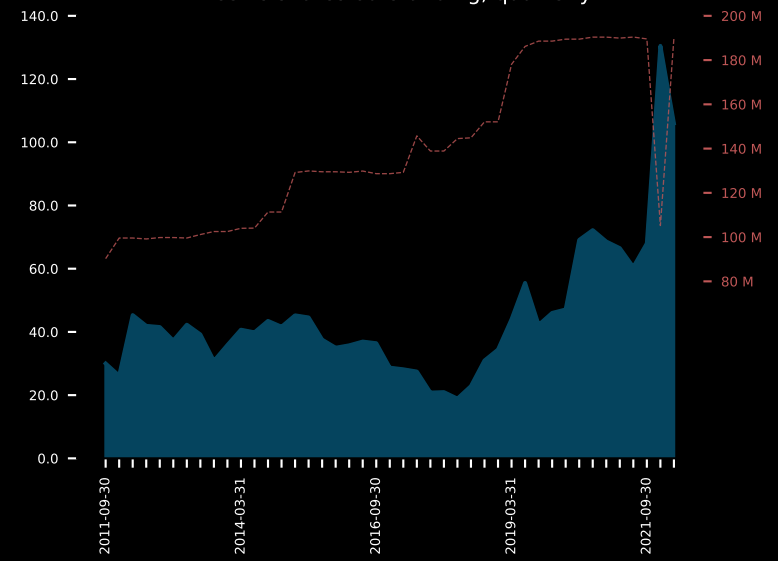

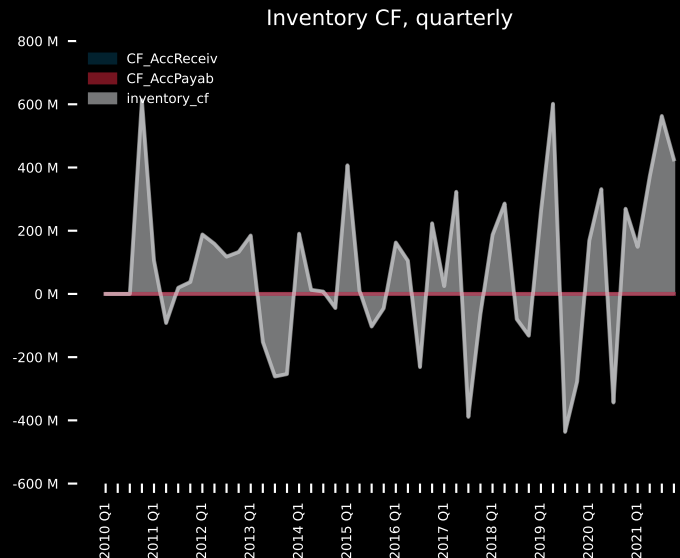

Apex International Co., Ltd. manufactures, processes, trades, and sells printed circuit boards in Singapore, Thailand, Vietnam, South Korea, Samoa, and internationally. It offers printed circuit boards for use in home appliances, such as air condition, DVD, LCD TV, remote control, tuner, and sport and recreation; PC related products, including HDD, monitor, printer, and notebook PC; STB, router, telephone/fax, and ESL communication equipment; and auto parts comprising car audio and navigator. The company was founded in 2001 and is based in Grand Cayman, the Cayman Islands.

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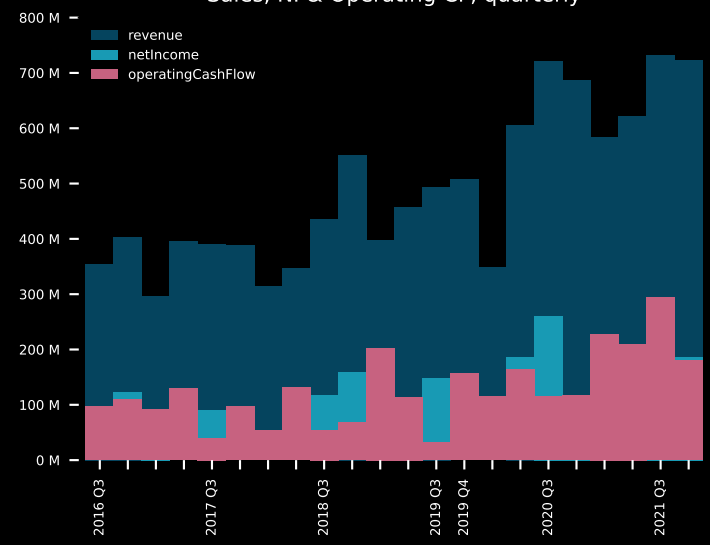
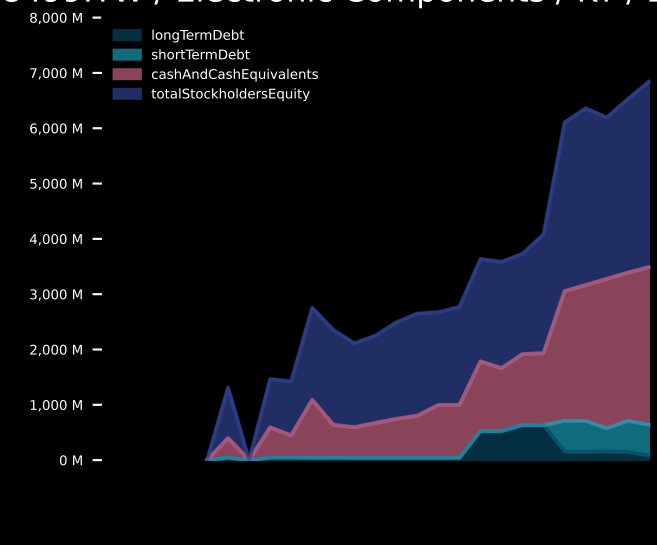
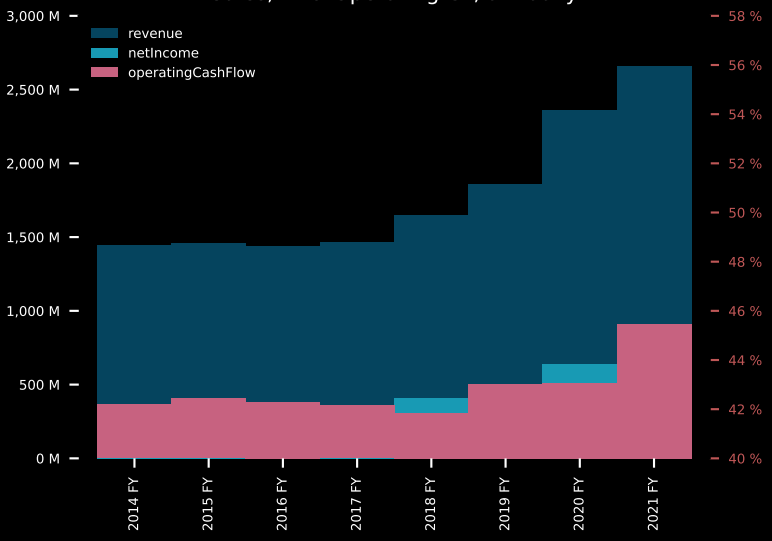
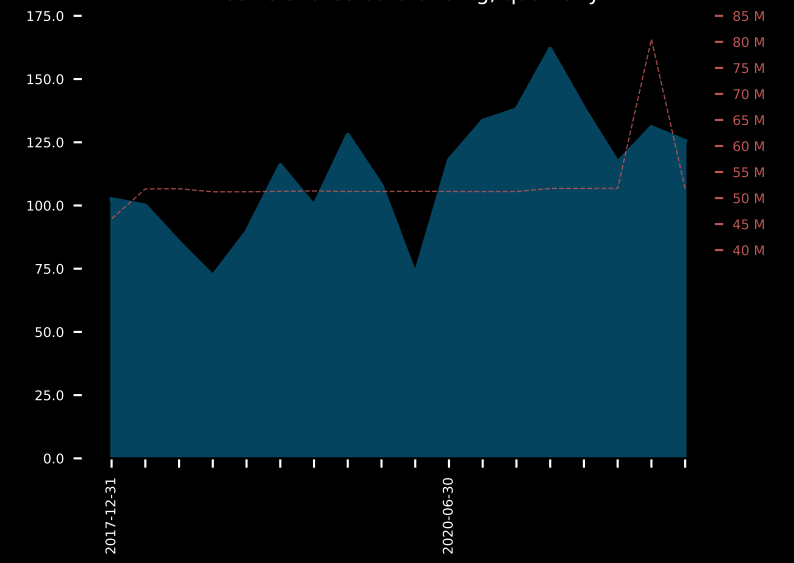
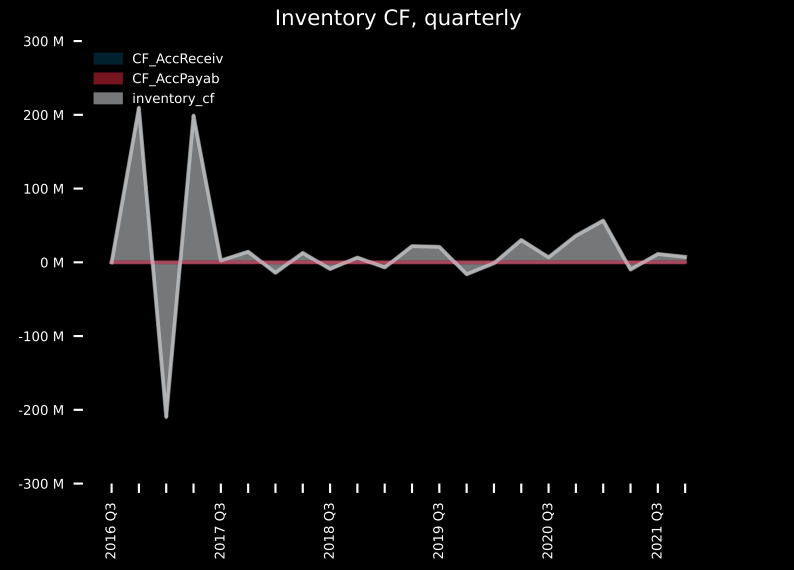


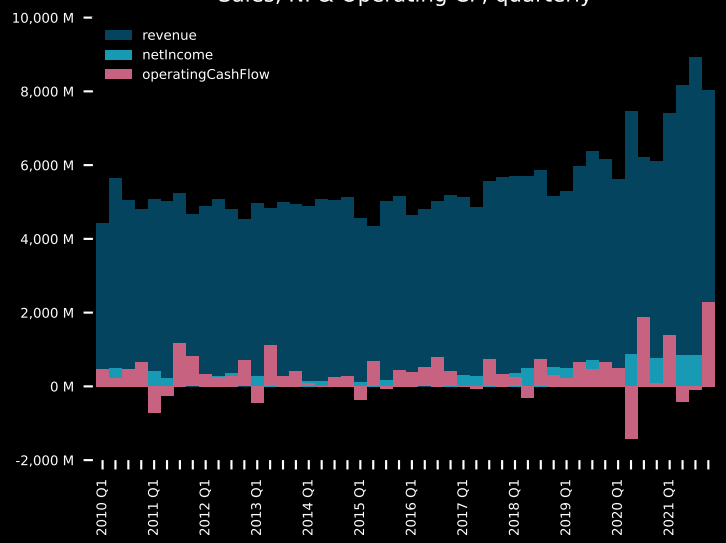


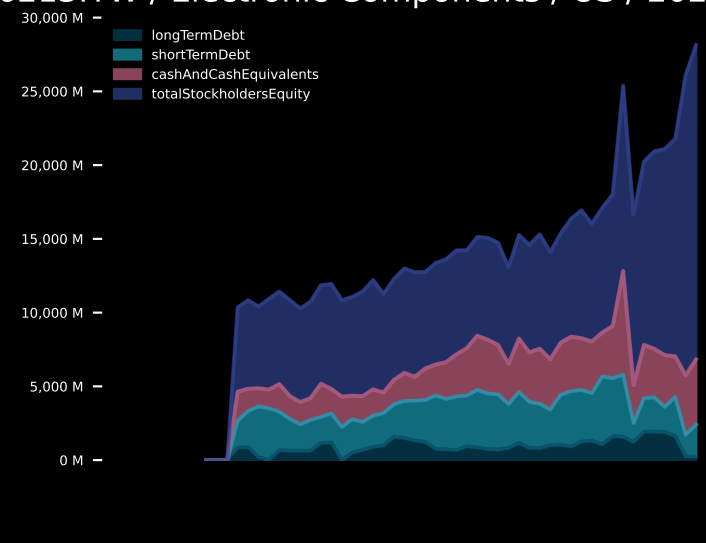


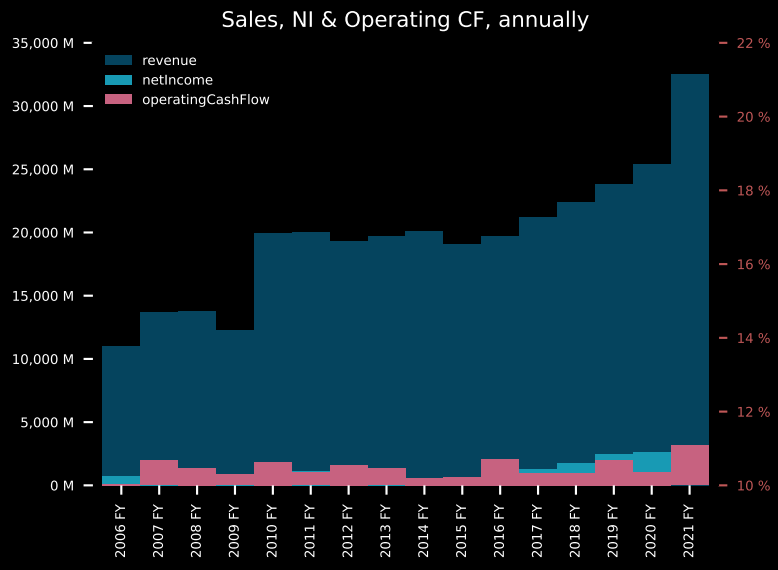


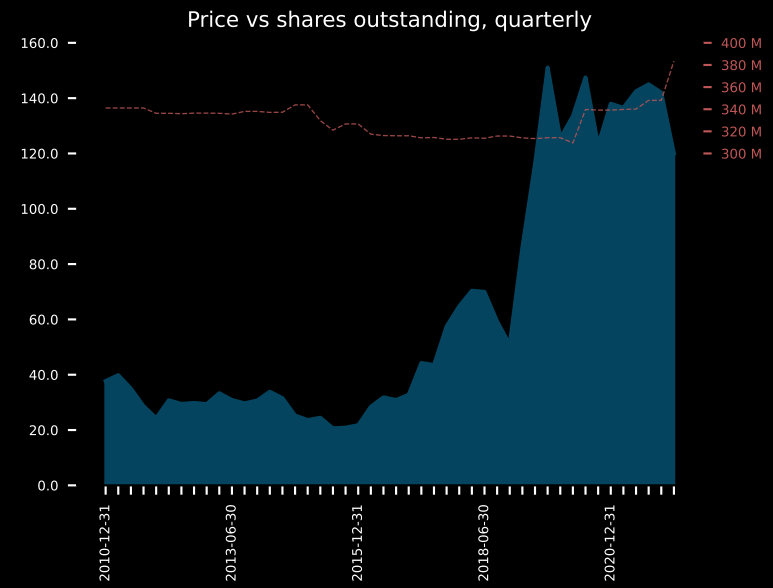


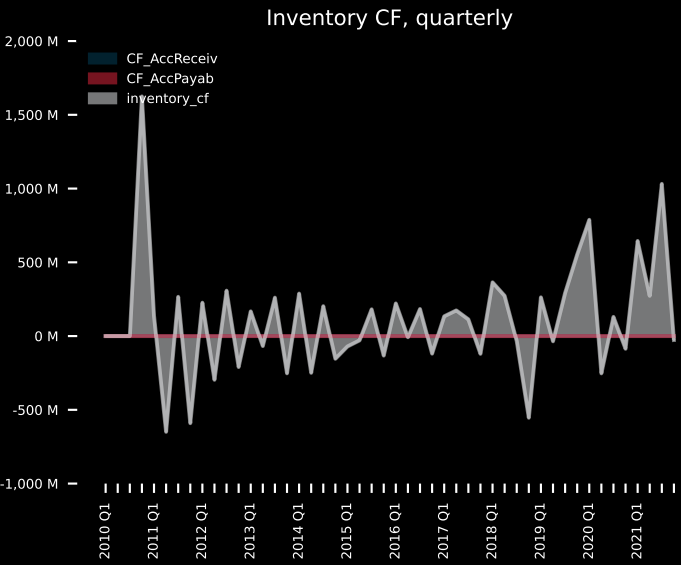
Top Bright Holding Co., Ltd. engages in the research, development, manufacture, and sale of weighing instruments and electronic materials in China and internationally. The company operates through Electronic Materials Department and The Scales Department segments. It offers electronic scales, balances, platform scales, crane scales, floor scales, smart cash register scales, smart barcode scales, industrial control weighing instruments, commercial scales, industrial scales, laboratory scales, and medical care scales, as well as weighing application software development. The company also provides electromagnetic wave shielding materials, electromagnetic wave absorbing materials, insulation materials, buffer materials, etc. In addition, it sells computer software and hardware technology, as well as offers consulting services. The company's products are used in the commerce, industry, laboratory, medical











ITEQ Corporation manufactures and sells copper clad laminate materials used for fabrication of printed circuit boards in Taiwan and Asia. It offers mass lamination boards, copper clad laminates, prepreg products, and electronic components. The company's products are used in various application areas, such as computational and communications applications comprising servers, storage, and switches; radio frequency and microwave devices, consisting of 5G and mmWaves; automotive applications, including advanced driver assist systems; and high density interconnect solutions, which include smartphones. It also exports its products. The company was founded in 1997 and is headquartered in Hsinchu City, Taiwan.

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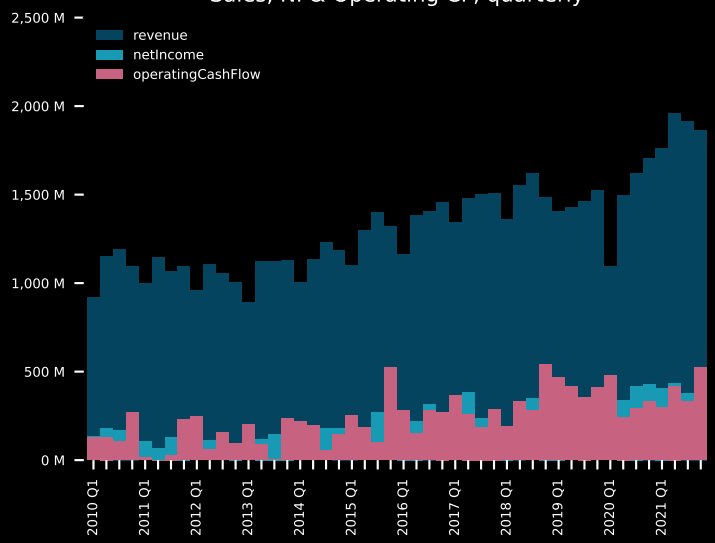
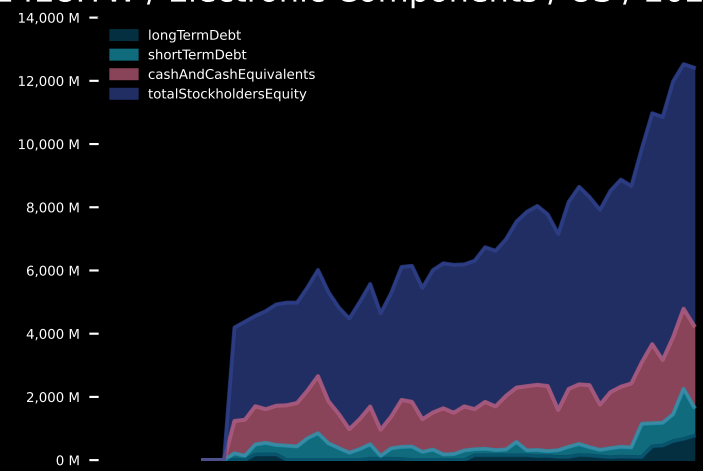
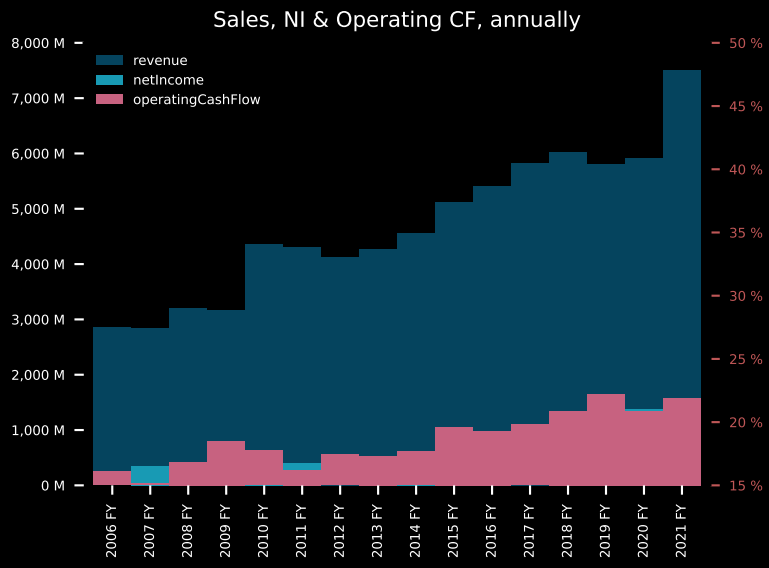
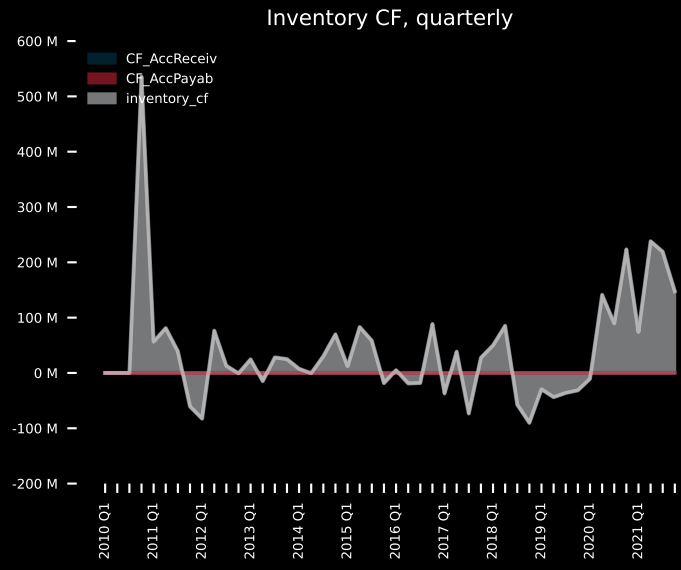
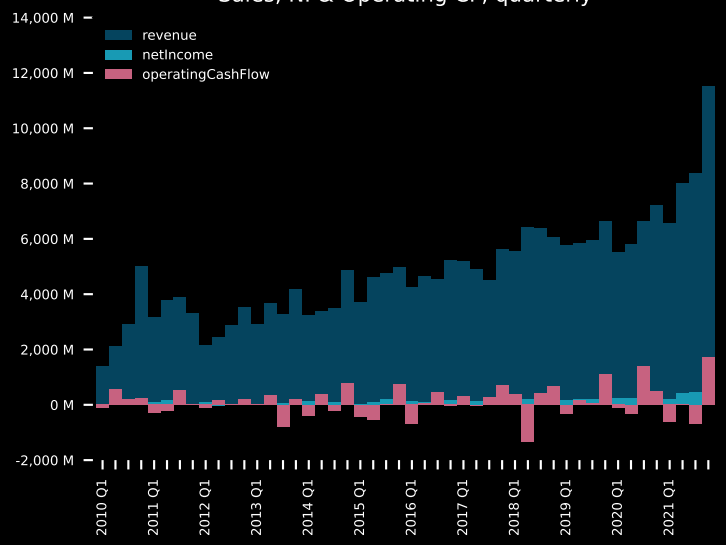


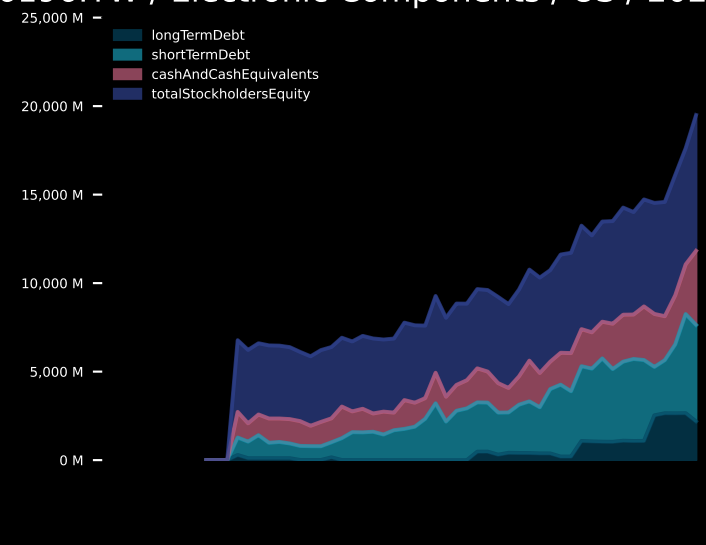


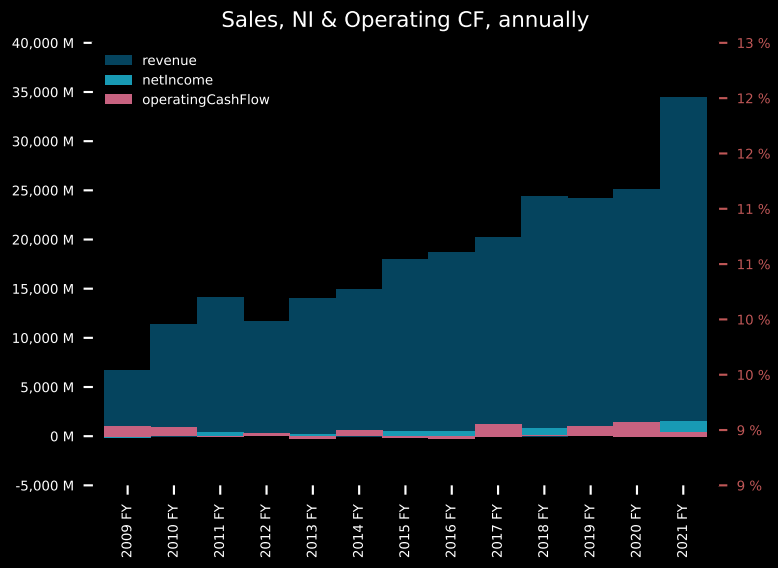


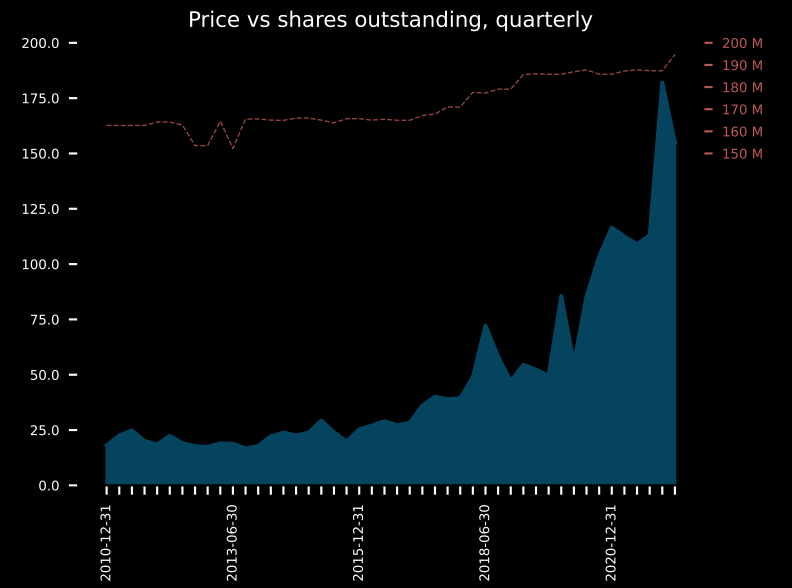


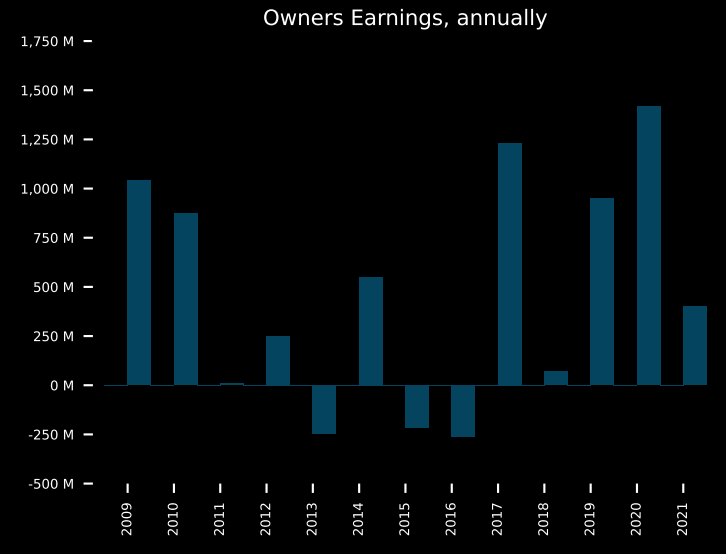
Thinking Electronic Industrial Co., Ltd. manufactures and sells various protective circuit components in Taiwan. It offers over-voltage, over-temperature, and over-current protection components. The company also provides negative temperature coefficient, ceramic positive temperature, and polymer postitive temperature coefficient thermistors. In addition, it offers zinc oxide varistors, temperature sensors, gas discharge tubes, ESD suppressors, TVS diodes, spark gap protectors, and thyristor surge suppressors. The company's products are used in automotive, telecom equipment, industrial, power supply, smart home appliances and lighting, consumer electronics, renewable energy, medical, and security applications. Thinking Electronic Industrial Co., Ltd. was incorporated in 1979 and is based in Kaohsiung, Taiwan.

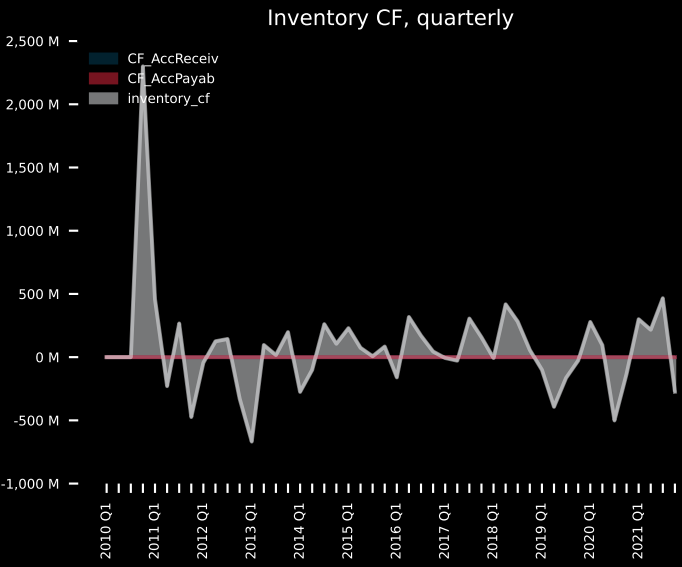












Marketech International Corp., manufactures, sells, imports, and trades in a range of integrated circuits, semiconductors, electrical and computer equipment and materials, chemicals, gas, and components. The company also engages in design and manufacturing of customized equipment; factory affair and mechatronic system, including clean room, automatic supply system of gas and chemicals, monitor system, turn-key, and hook-up project services; contracting for semiconductor automatic supply system and electrical installing construction; design, manufacturing, and installation of automatic production equipment and related parts; trading, installation, and repair of various machinery equipment and peripherals; sales of cosmetics and daily necessities and panels; and production, development, and implementation of software, as well as installation of industrial machine and equipment and consulting and

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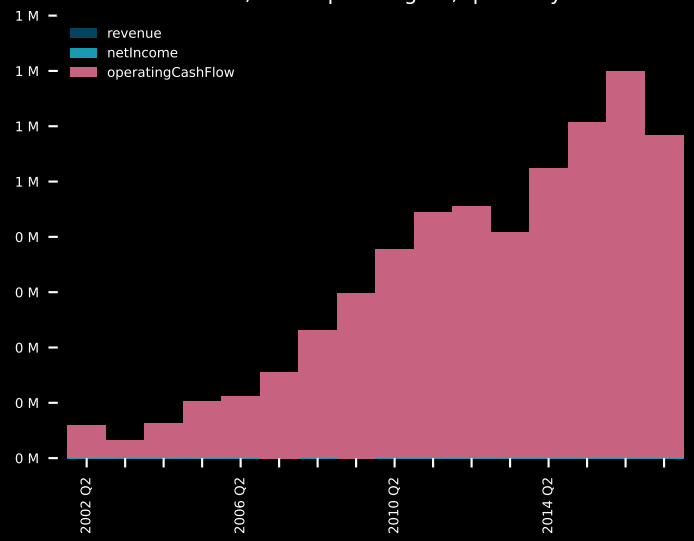

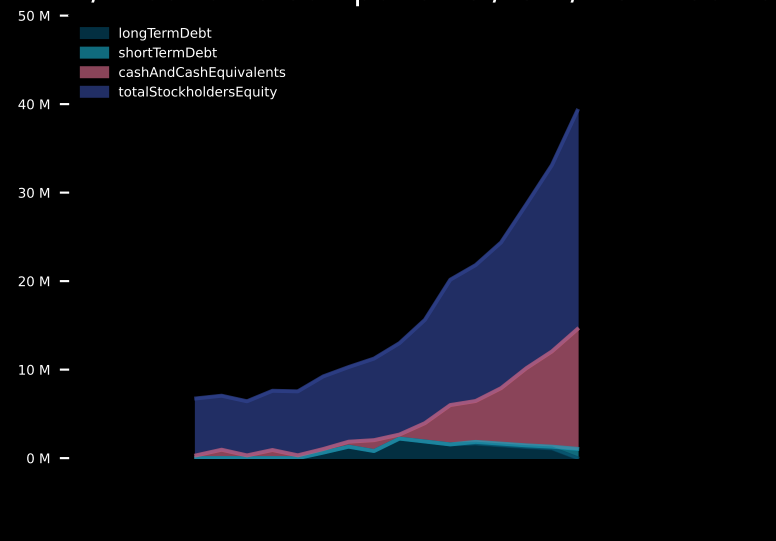

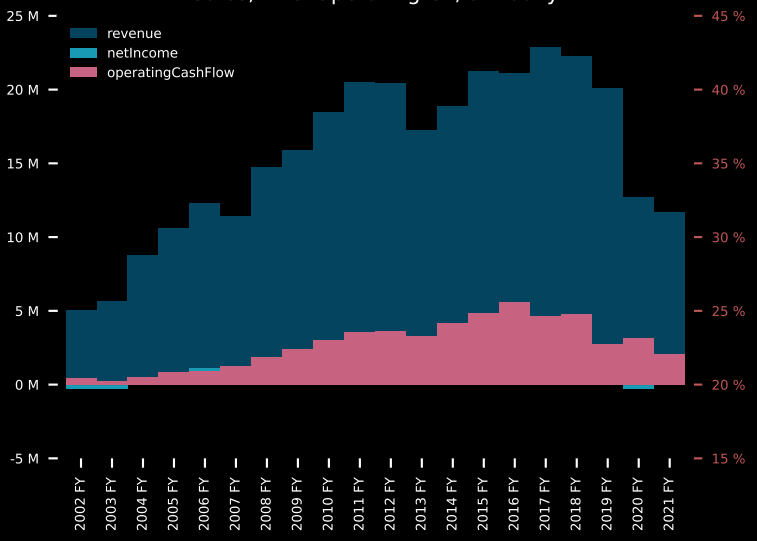

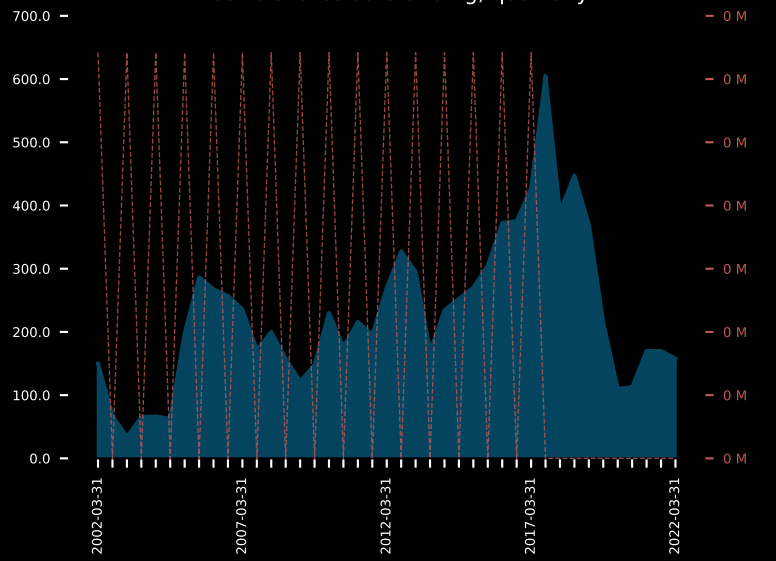

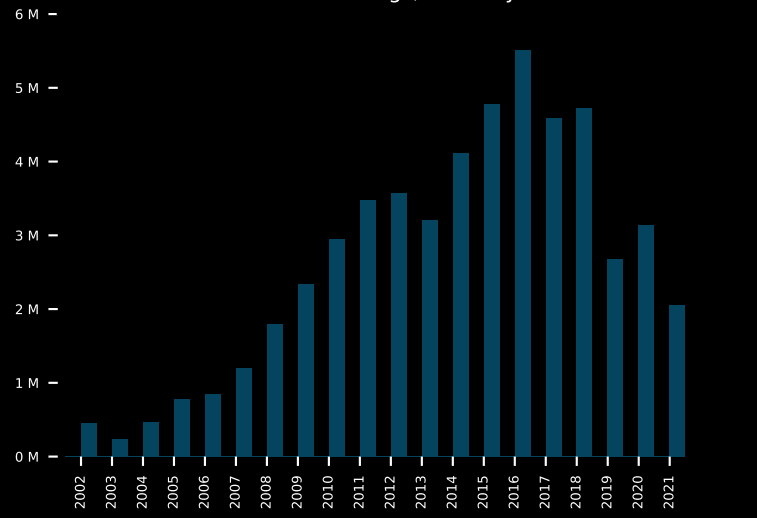

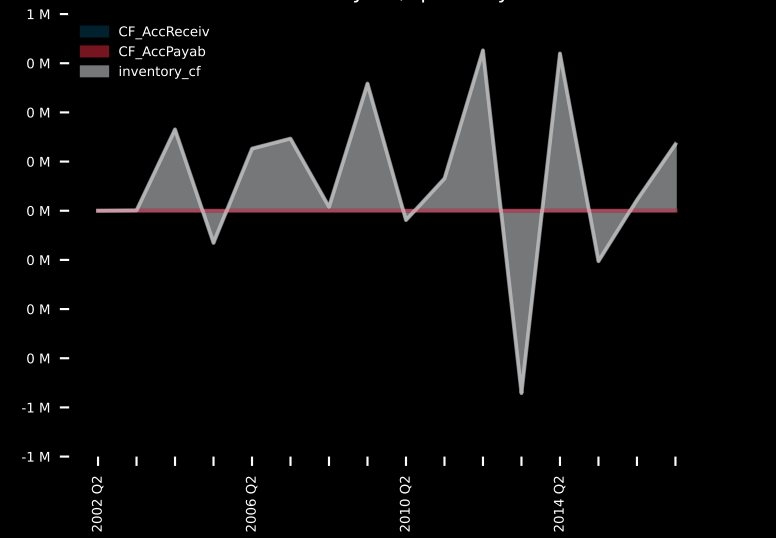

Zytronic plc, together with its subsidiaries, develops, manufactures, and markets interactive touch sensor products. The company offers touchscreens in gaming; retail, leisure, and commercial applications; digital signage; vending; banking; and industrial applications, as well as touch controllers. It provides single and multi-touch sensing technology. The company markets its products through a network of representatives and resellers. It primarily operates in the United States, Europe, the Middle East, Africa, Hungary, the United Kingdom, the Asia Pacific, and South Korea. The company was incorporated in 1999 and is headquartered in Blaydon-on-Tyne, the United Kingdom.

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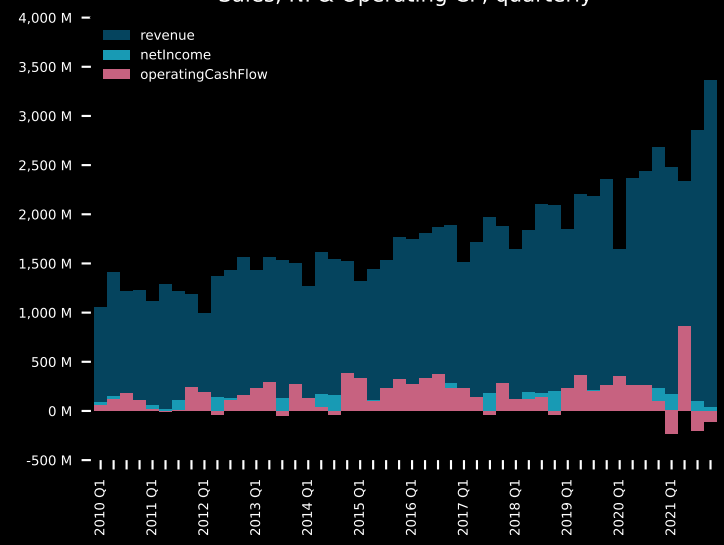

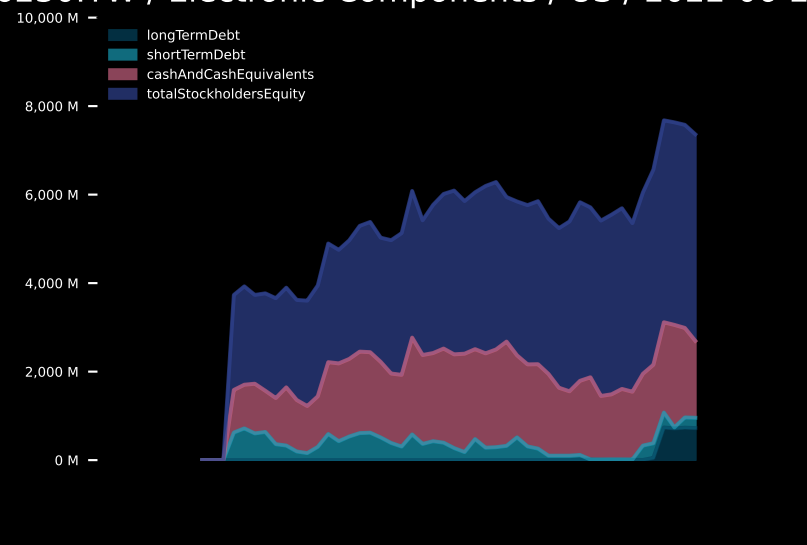

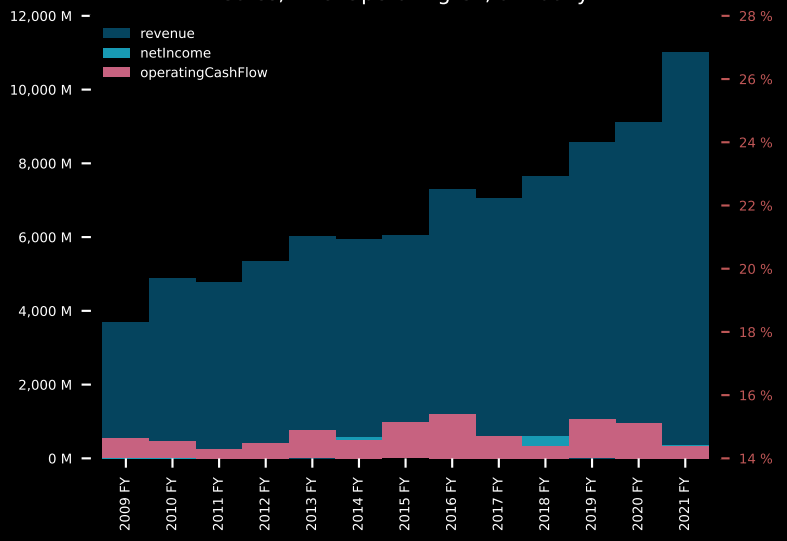

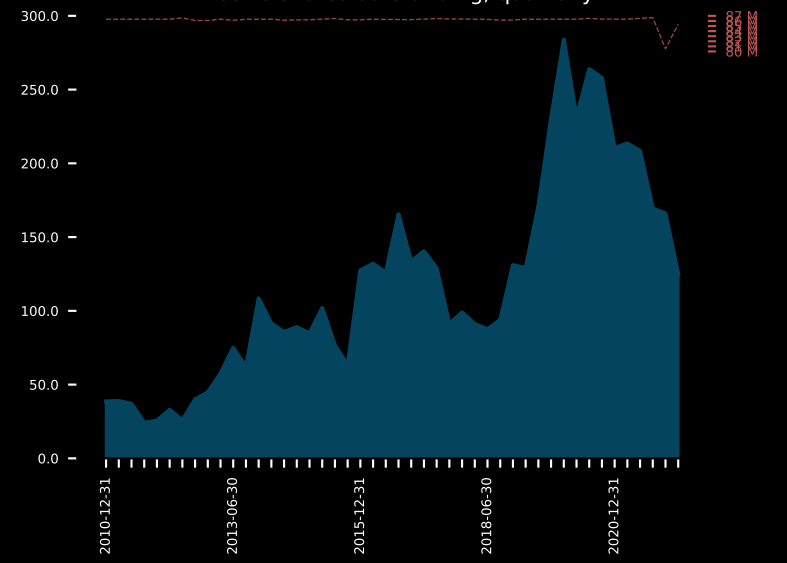

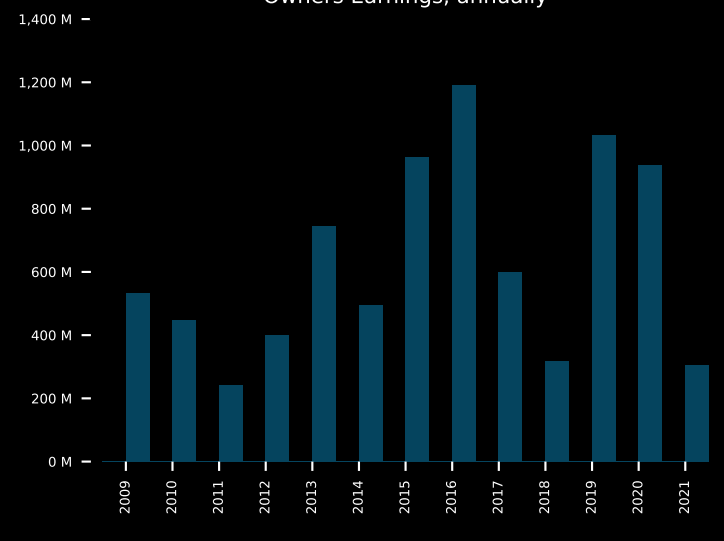

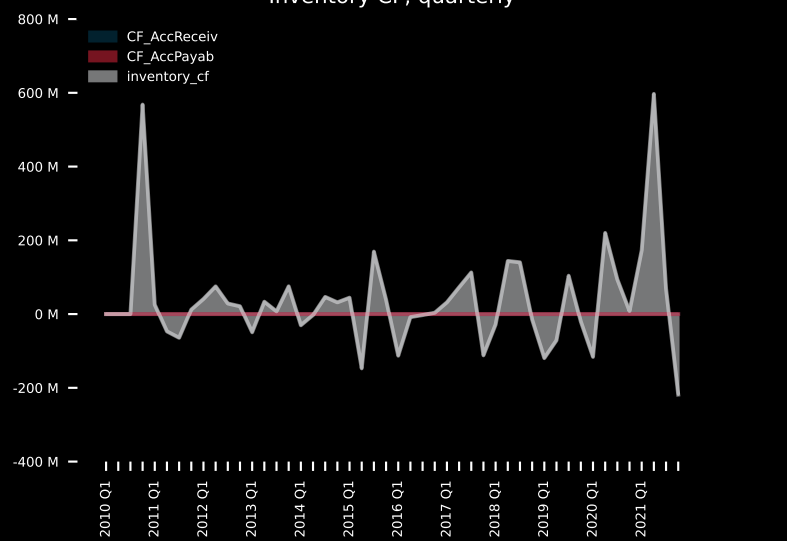

Nidec Chaun-Choung Technology Corporation provides thermal management products worldwide. It offers server/DT, NB/tablet, and LED modules; thermal components, including vapor chambers and heat pipes; and heatsinks. The company was formerly known as Chaun-Choung Technology Corp. and changed its name to Nidec Chaun-Choung Technology Corporation in January 2021. Nidec Chaun-Choung Technology Corporation was incorporated in 1973 and is headquartered in New Taipei City, Taiwan.

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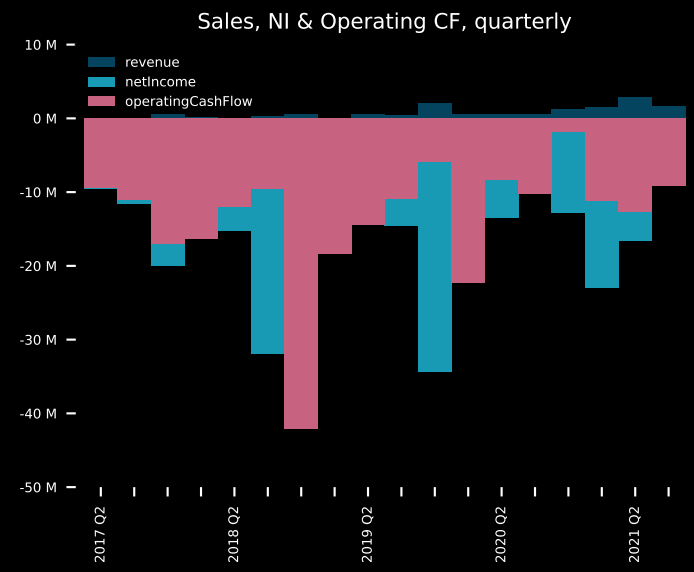

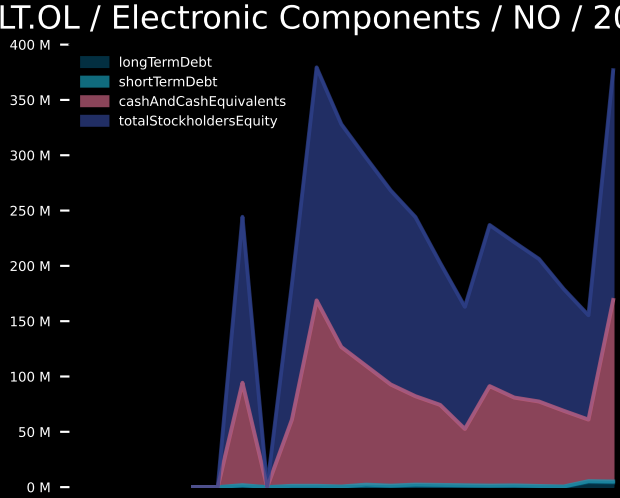

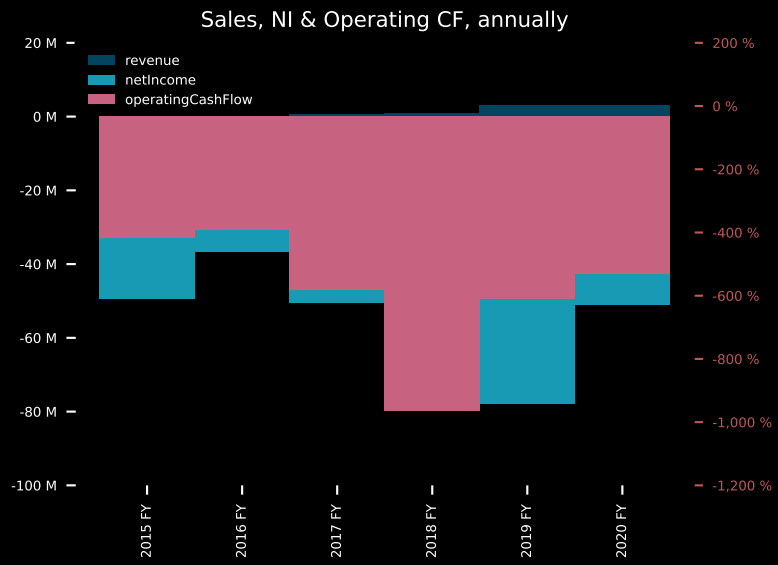

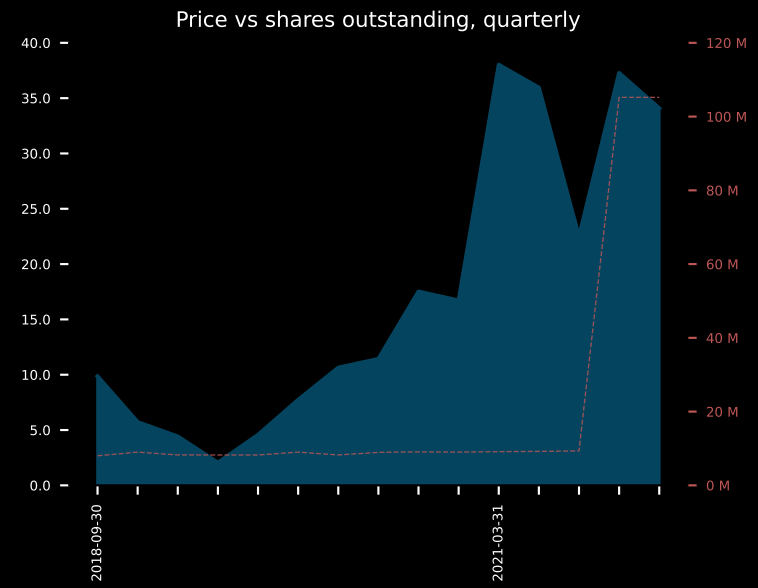

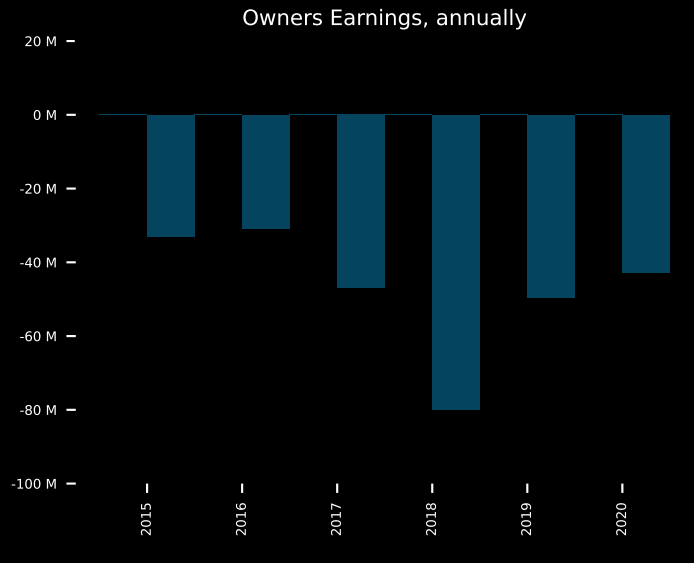

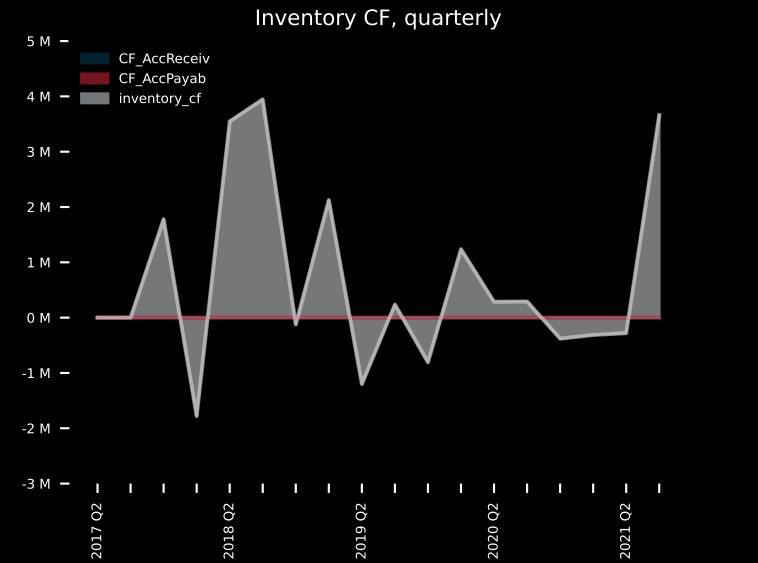

poLight ASA develops photographic lens for consumer devices and industrial applications. Its lens replicates the lens of the human eye enabling the implementation of autofocus functions for various applications. Its product portfolio includes Tunable Optical Lens (TLens) products; and ASIC drivers that control the supply of variable voltage to TLens products and makes them to change focus. The company offers its products for use in front and back camera phones; wearables, including AR/VR devices; tablet PCs; HD video cameras; drones; handheld devices; and barcode readers, as well for medical equipment. It has operations in Europe, Asia, and the United States. poLight ASA was incorporated in 2005 and is headquartered in Horten, Norway.

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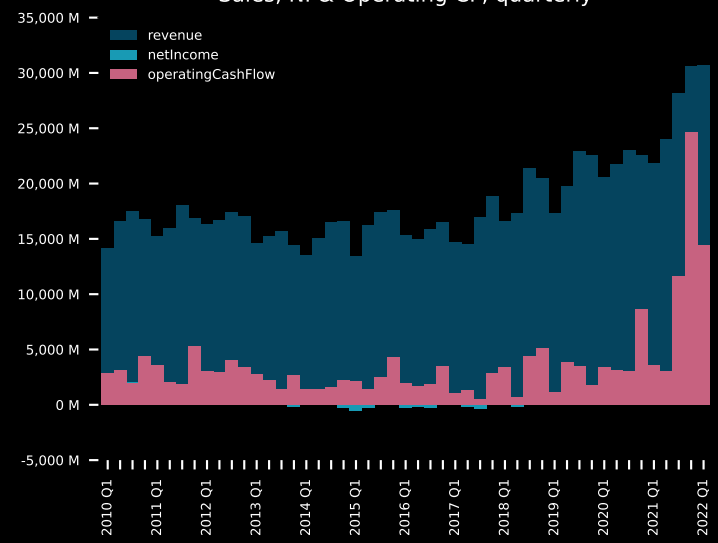

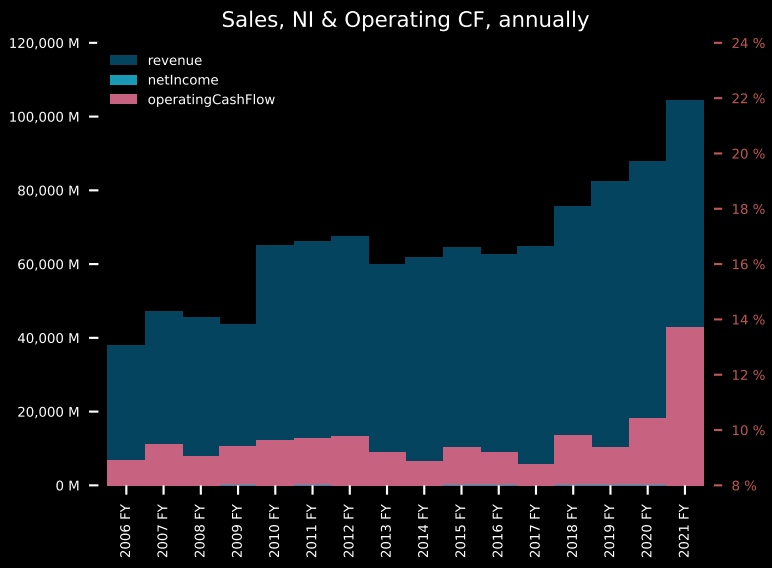

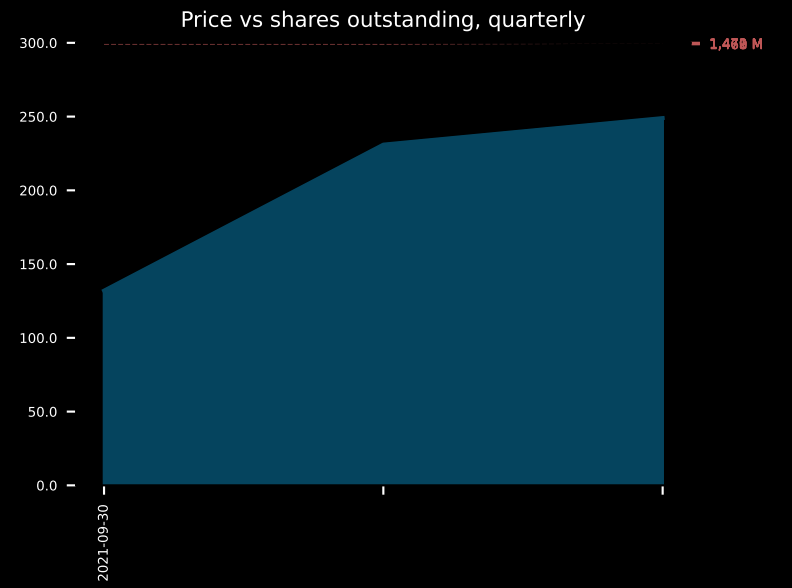

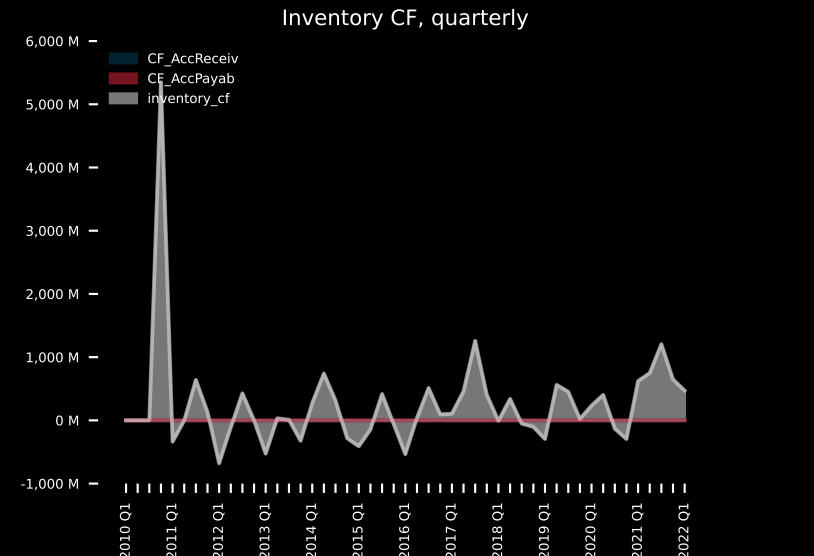

Unimicron Technology Corp. engages in the development, manufacturing, processing, and sale of printed circuit boards, and testing and burn-in systems for integrated circuit products worldwide. It also provides IC testing products, HDIs, FPCs, ELICs, multi-layer and flew PCS, and IC carriers, as well as connectors, and TP and ECRM. Unimicron Technology Corp. was incorporated in 1990 and is based in Taoyuan City, Taiwan.

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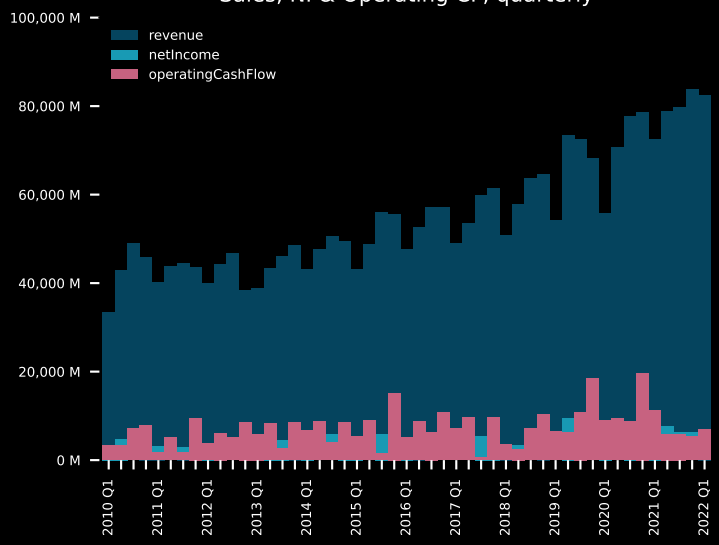
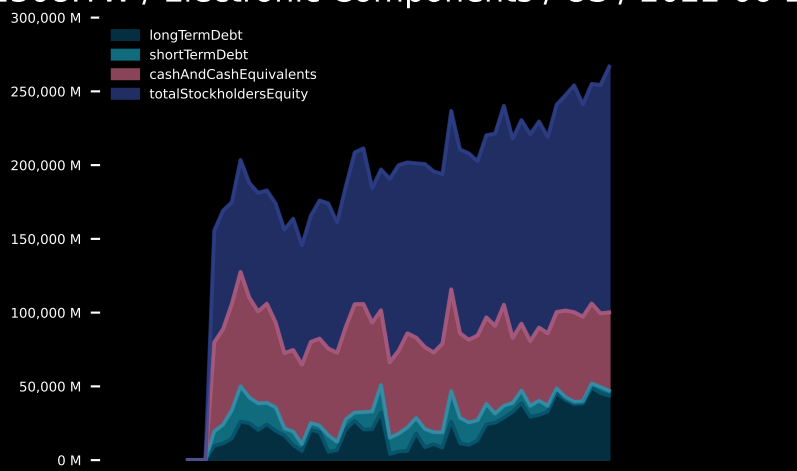
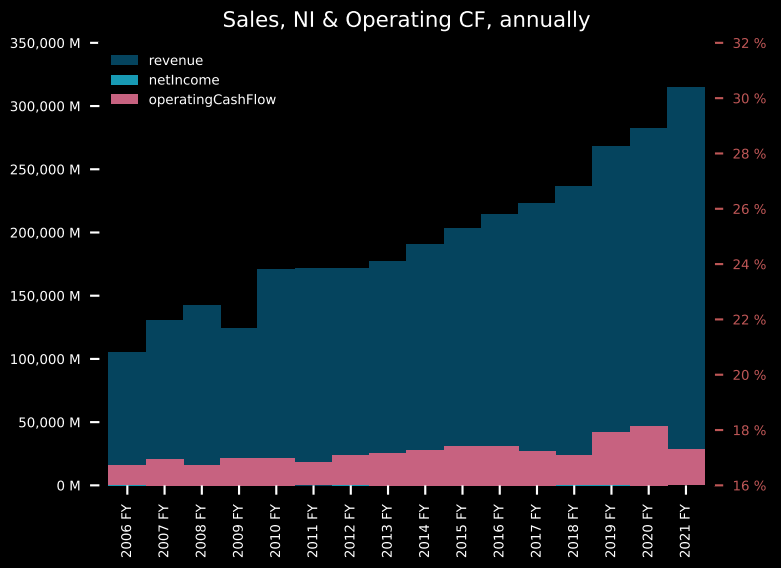
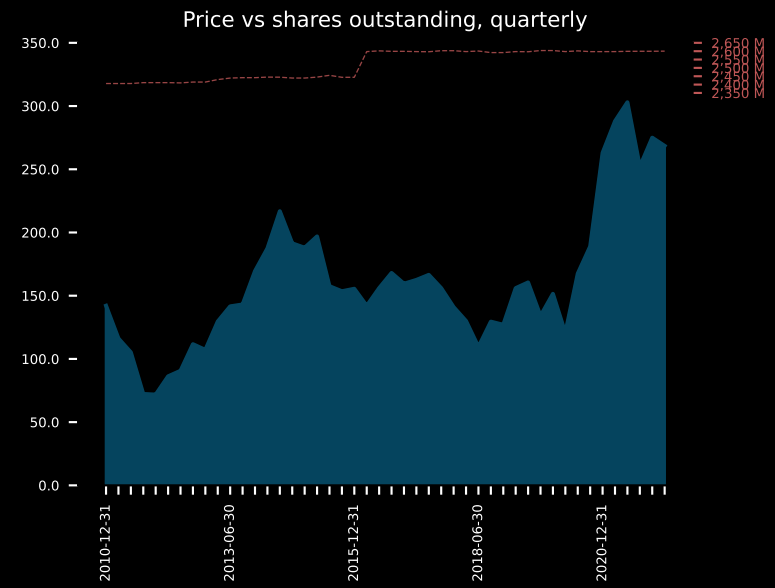
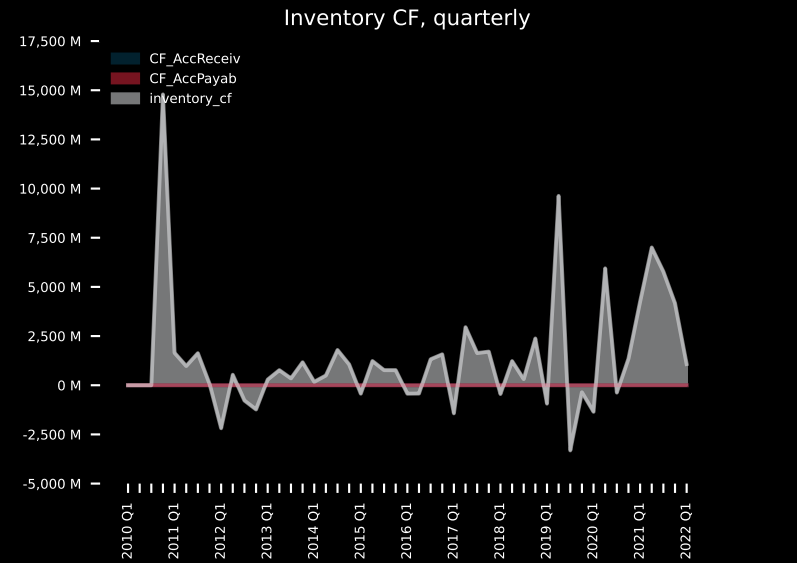


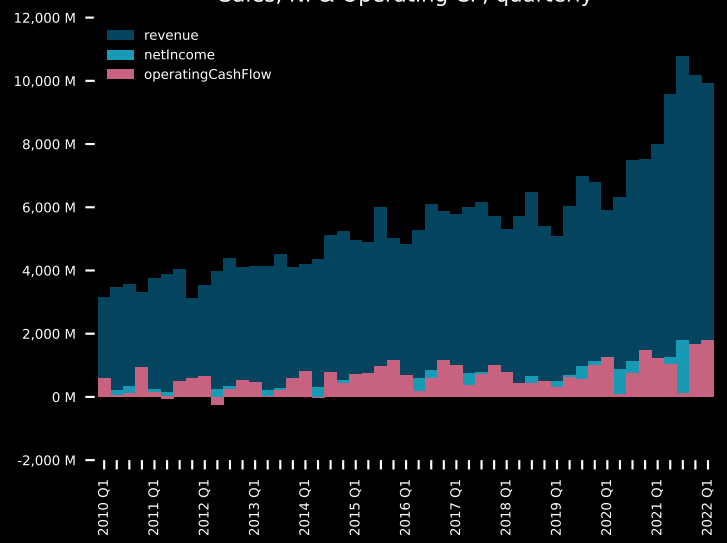








Delta Electronics, Inc., together with its subsidiaries, provides power and thermal management solutions in Mainland China, the United States, Taiwan, and internationally. It operates through Power Electronics, Automation, and Infrastructure segments. The Power Electronics segment offers inductors, transformers, networking products, EMI filters, solenoids, and current sensing resistors for use in portable devices, cloud computing equipment, automotive, IoT, and other market segments; and switching power supplies, power modules, external adapters, industrial and medical power, and industrial battery charging products. This segment also provides DC brushless fans and blowers, motors, thermal management products, cabinet thermal solutions, and ventilation and automotive fans; and automotive electronics comprising EV/HEV powertrain solutions, on-board chargers, DC/DC converters, and traction inverters and motors, as well as



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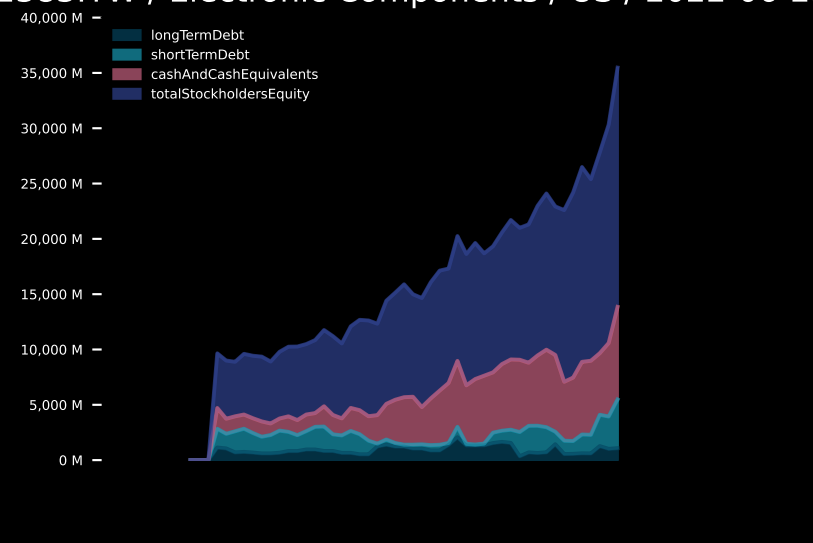
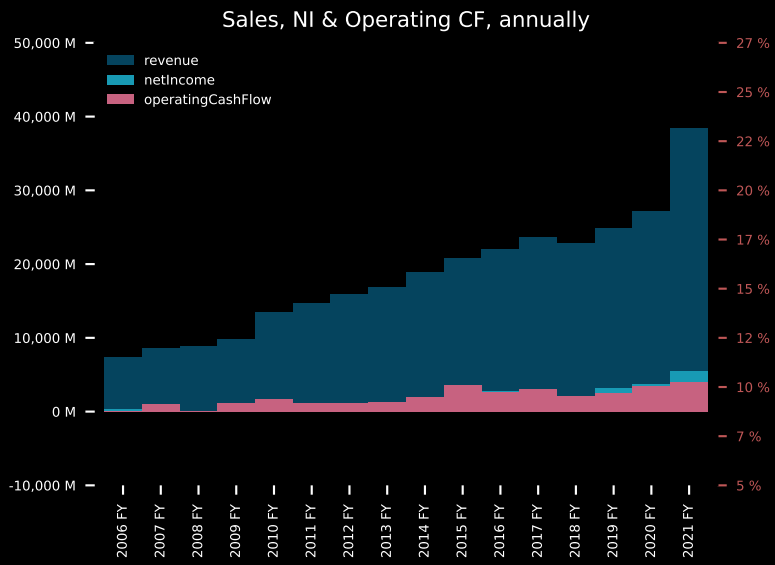
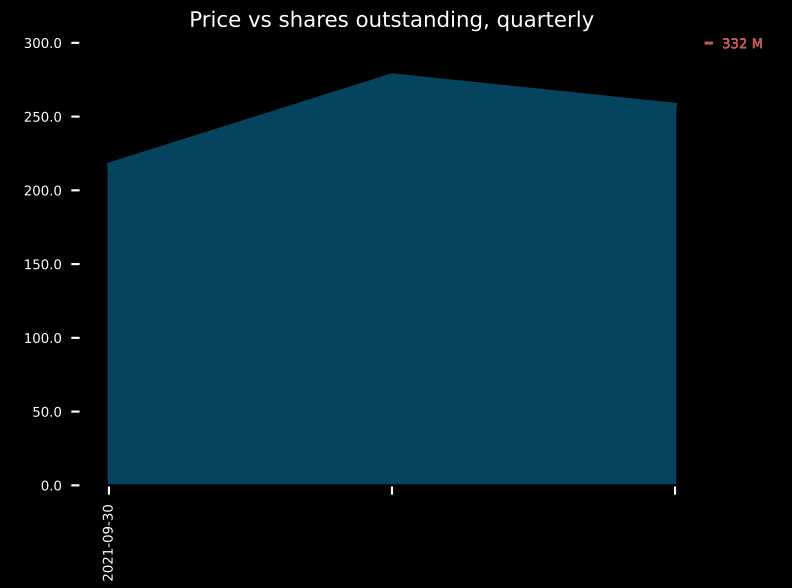
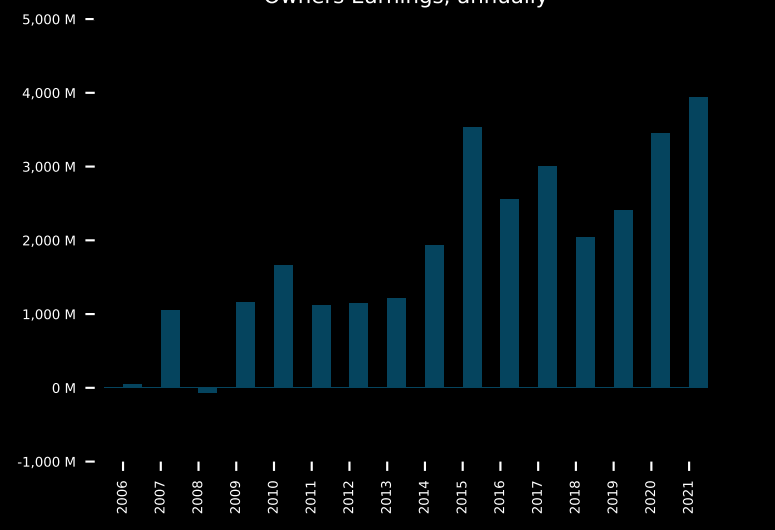
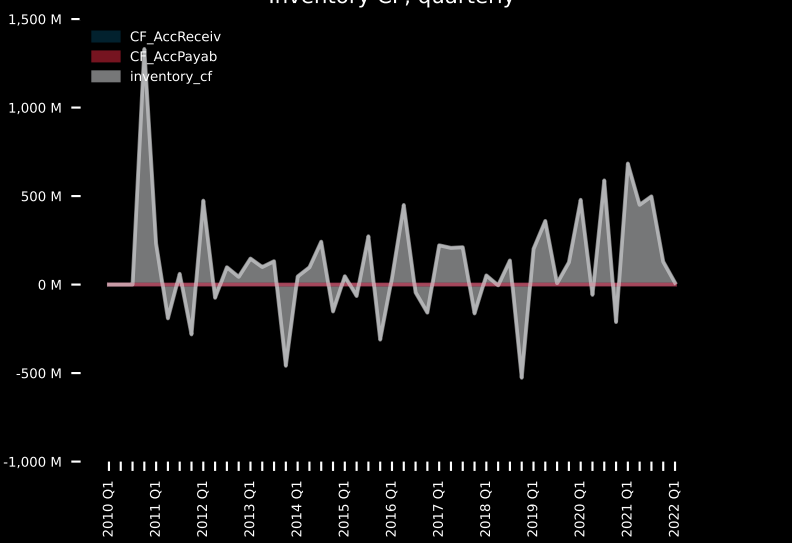


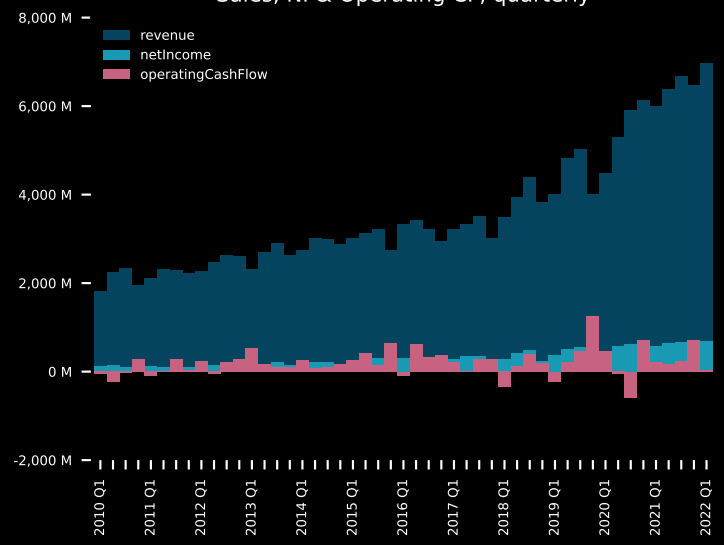


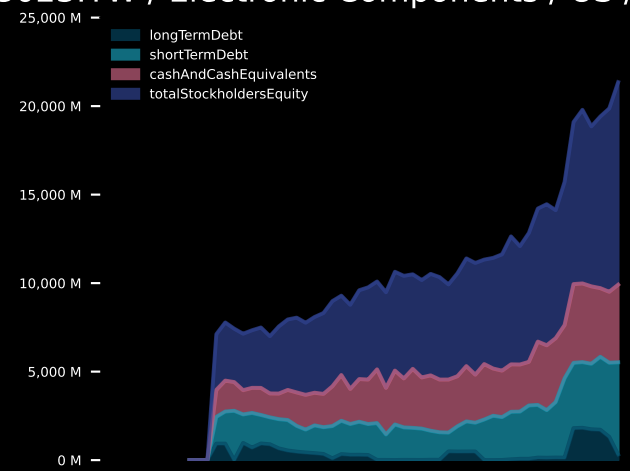


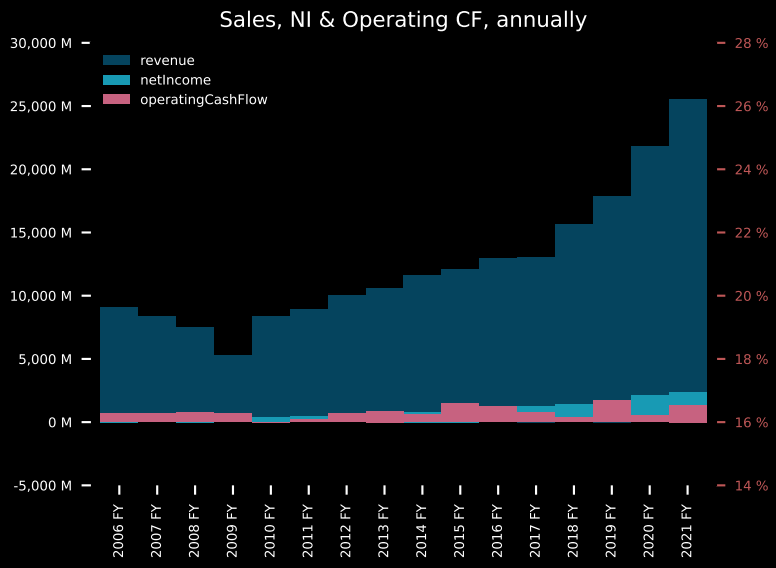


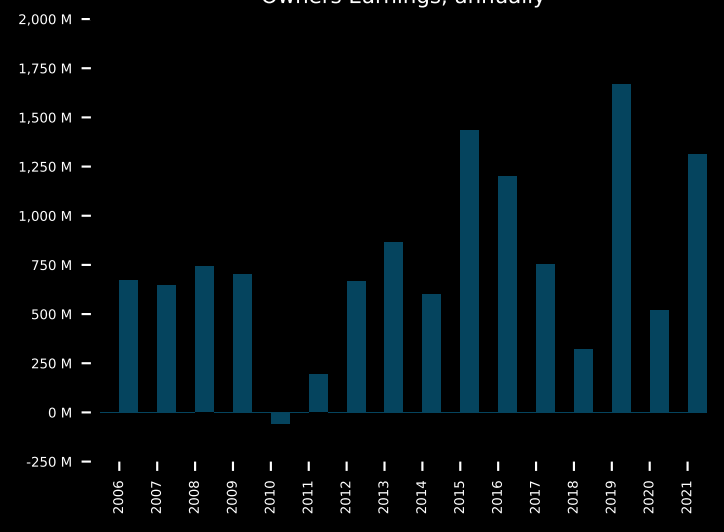


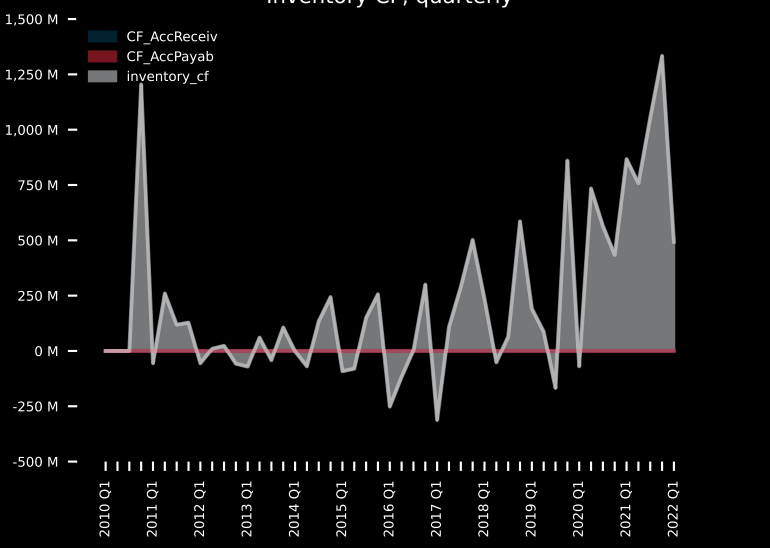
Elite Material Co., Ltd. produces and sells laminates worldwide. The company offers copper clad laminates and prepregs for PCBs; and mass lamination services. Its products are used in various applications, which include handheld devices, datacom and telecom infrastructure, and electronic devices. The company was incorporated in 1992 and is headquartered in Taoyuang, Taiwan.











SINBON Electronics Co., Ltd. manufactures and sells computer peripherals, connectors, wires, and other parts in Mainland China, the United States, Taiwan, and internationally. It operates through New Energy Business Unit, Industrial Application Business Unit, Medical Health Business Unit, Automotive Business Unit, and iComponent Solution Business Unit segments. The New Energy Business Unit segment develops, manufactures, and sells cable assembly and control modules for green energy industries, such as solar photovoltaic, wind power and offshore wind power. The Industrial Application Business Unit segment develops, manufactures, and sells industrial application products comprising robot arm control cable assemblies, control cabinet cable assemblies, and panel connection cables. The Medical Health Business Unit segment develops, manufactures, and sells medical equipment cables, including electrocardiographs

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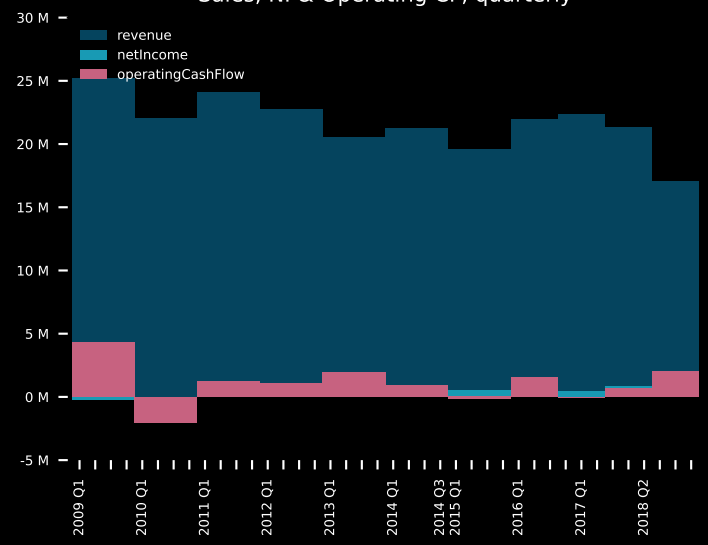
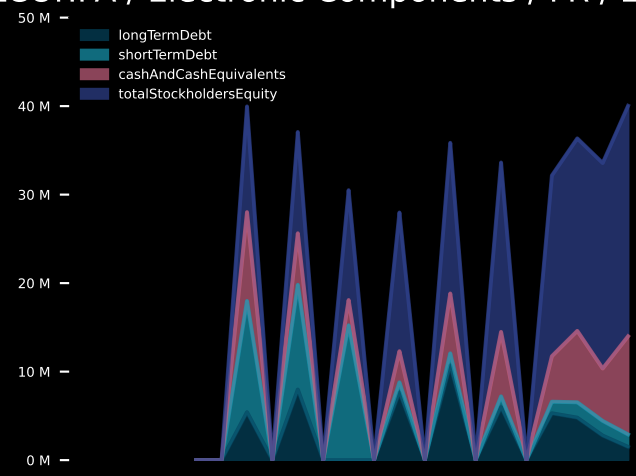
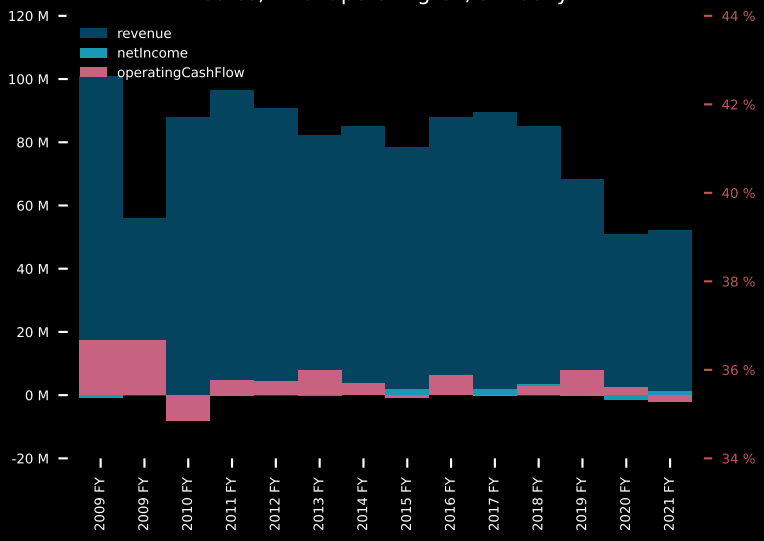
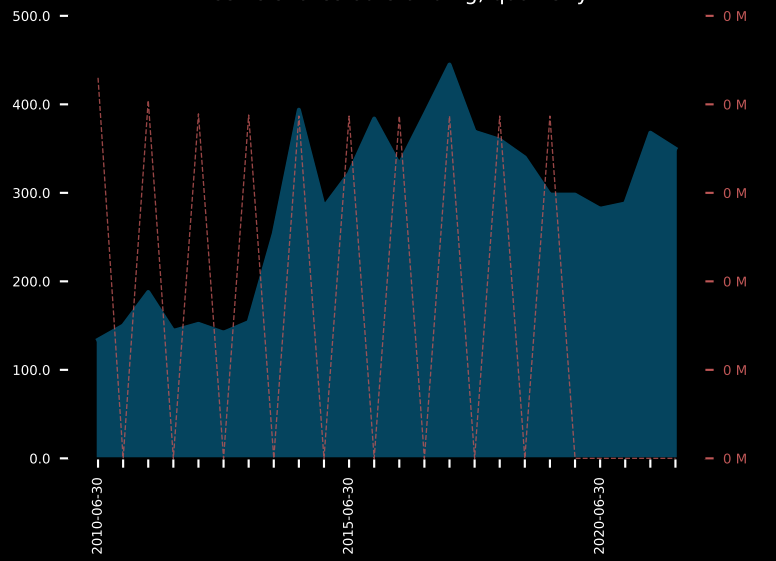
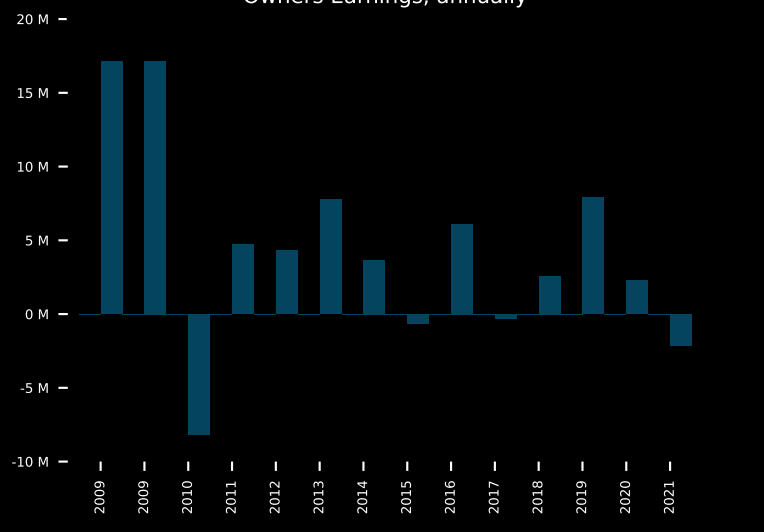
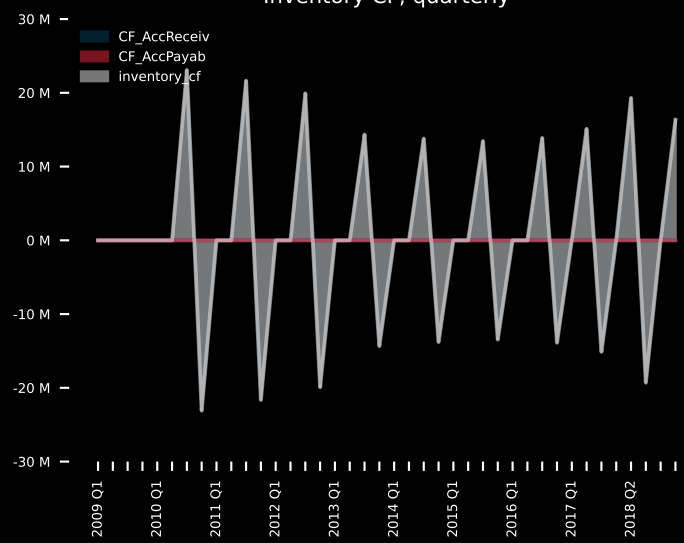




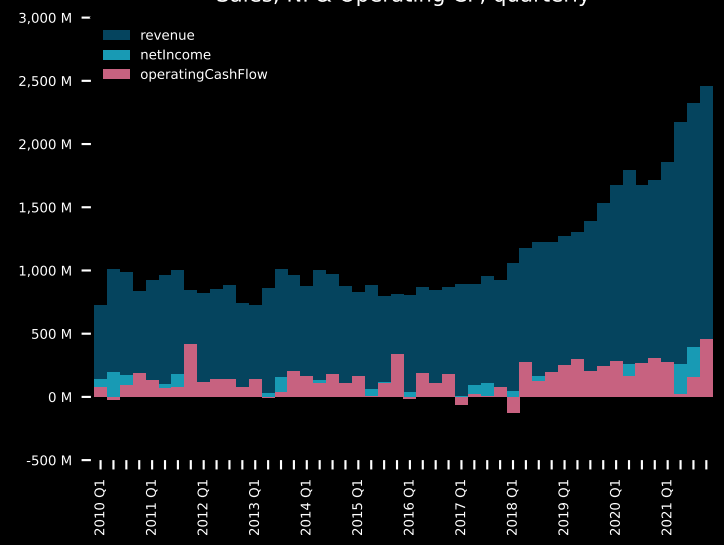


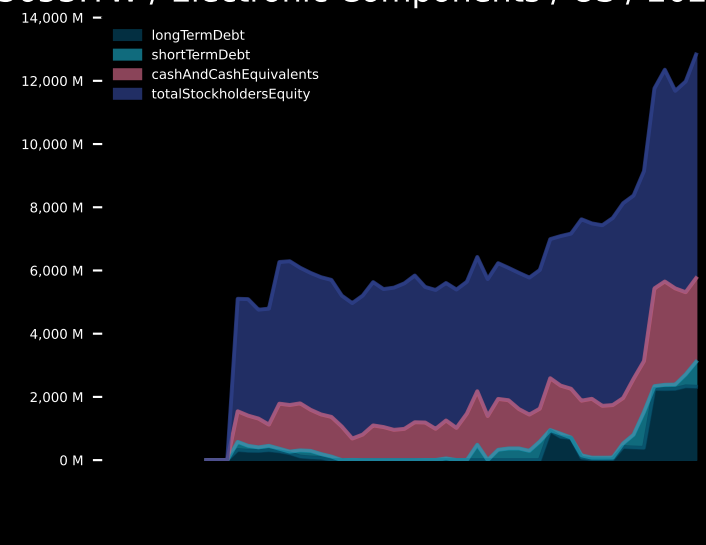


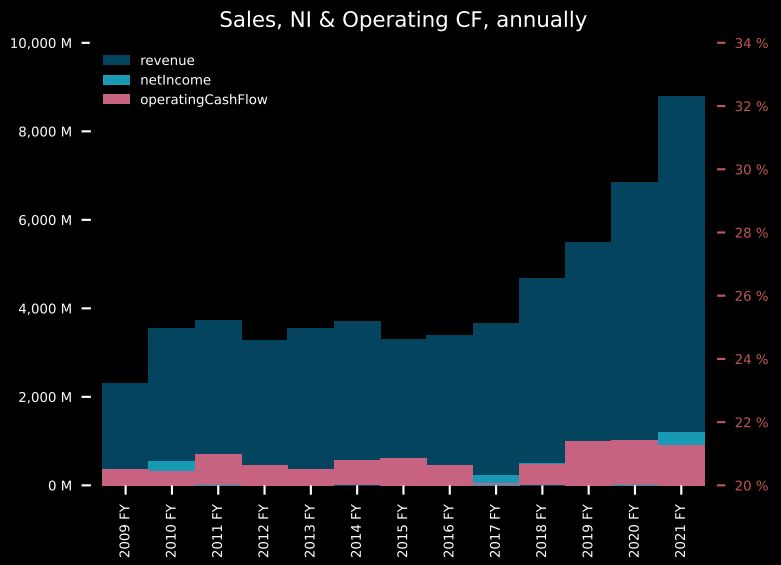


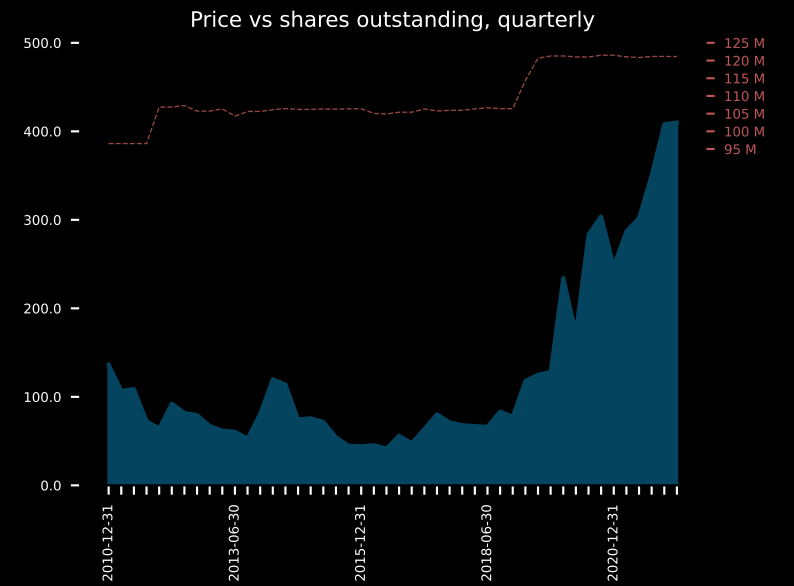


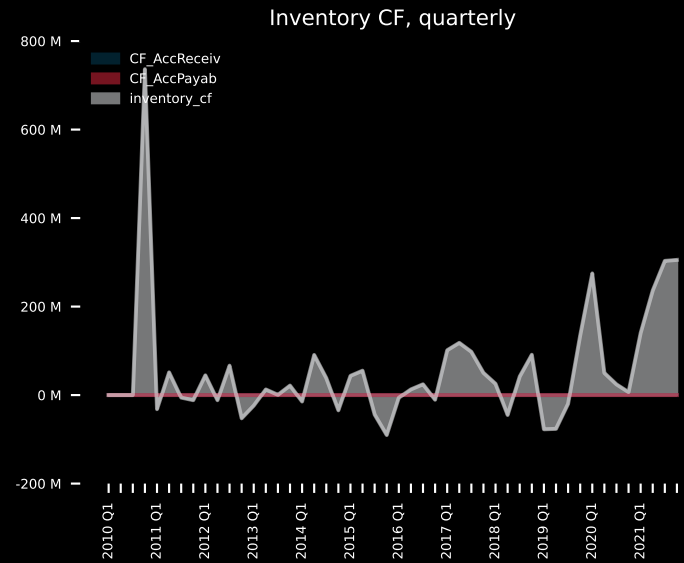
Cofidur S.A. provides electronic manufacturing services in France. The company offers purchasing, supply chain management, production, low-cost solutions, lean manufacturing and test management, EDM, project management, large-scale development, co-development and design-to-cost, obsolescence management, refurbishing, and PCB re-engineering services. It serves customers in aviation, defence, lighting, medical, service, telecommunication, transport, and oil industries.



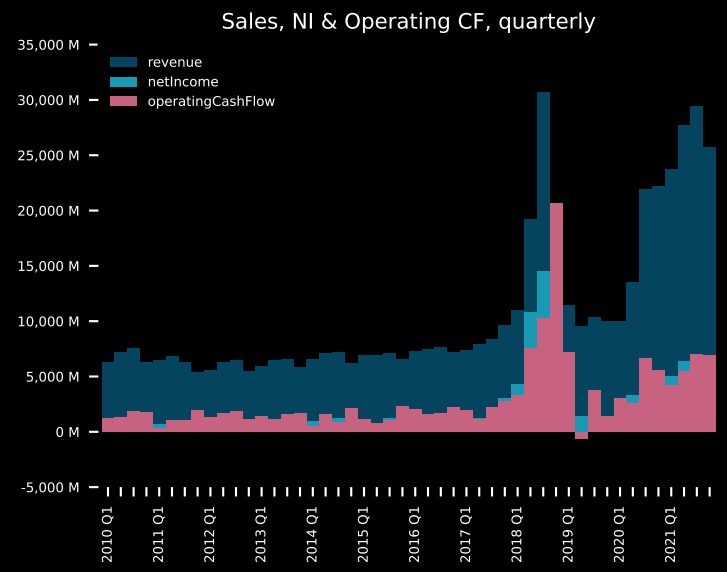


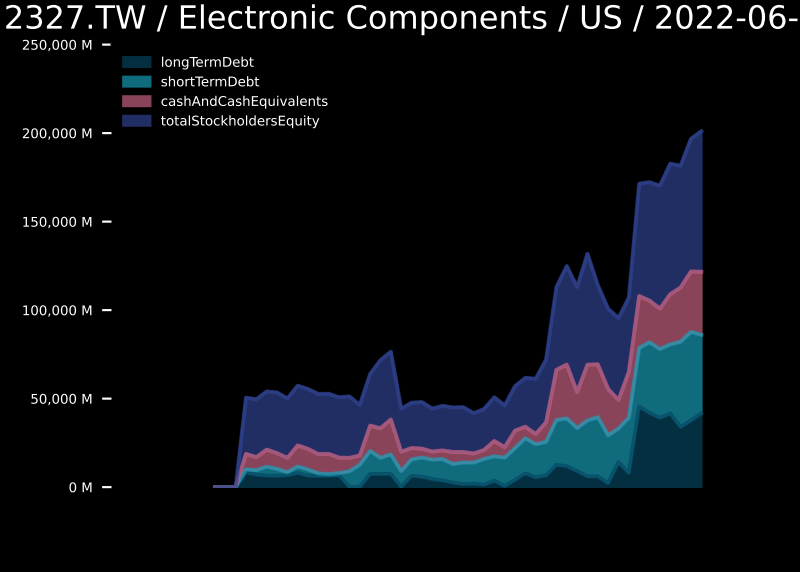


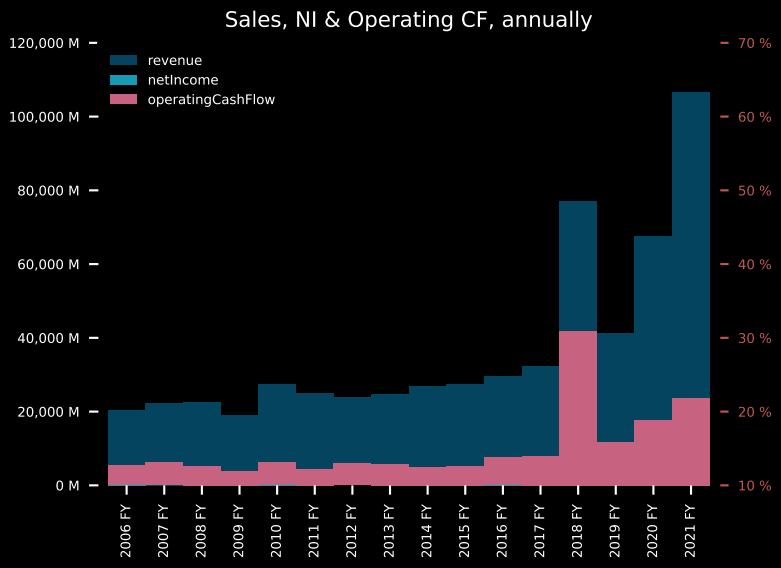


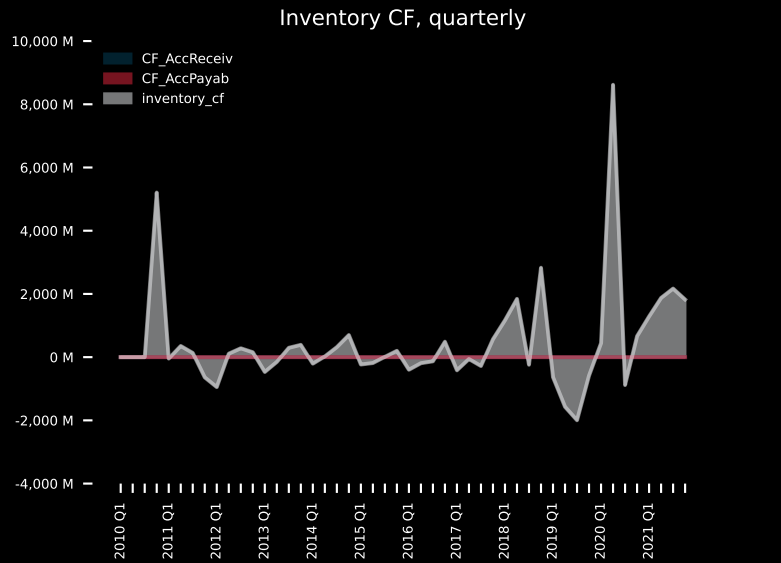


Jentech Precision Industrial Co., Ltd. manufactures and sells precision molds worldwide. The company's principal products include thermal heat spreaders, semiconductor lead frames, EMI shielding cases, RF coaxial connectors, TV tuner metal chassis products, HDD and floppy drive components, and DPC thin-film ceramic substrate components. It also offers cooling products, electronic parts, communication connectors, and metal parts. In addition, the company engages in the manufacturing, processing, and trading of hardware machinery and parts, and accessories; and metal forging and surface treatment related businesses. Its products are used in medical, consumer electronics, semiconductor, automotive, appliance, microelectronic, and other industries. The company was founded in 1987 and is headquartered in Taoyuan, Taiwan.

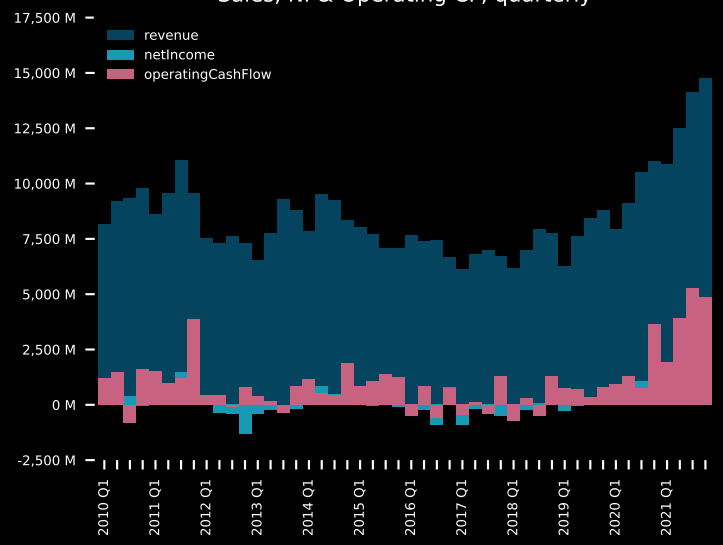


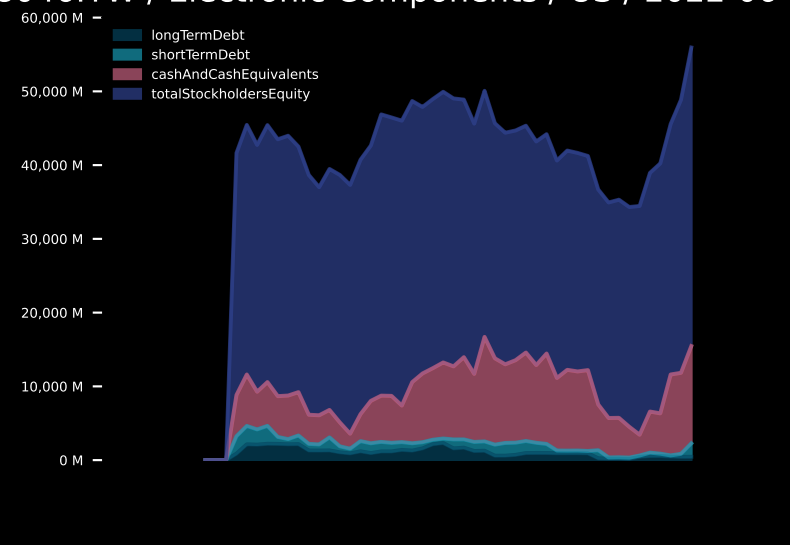


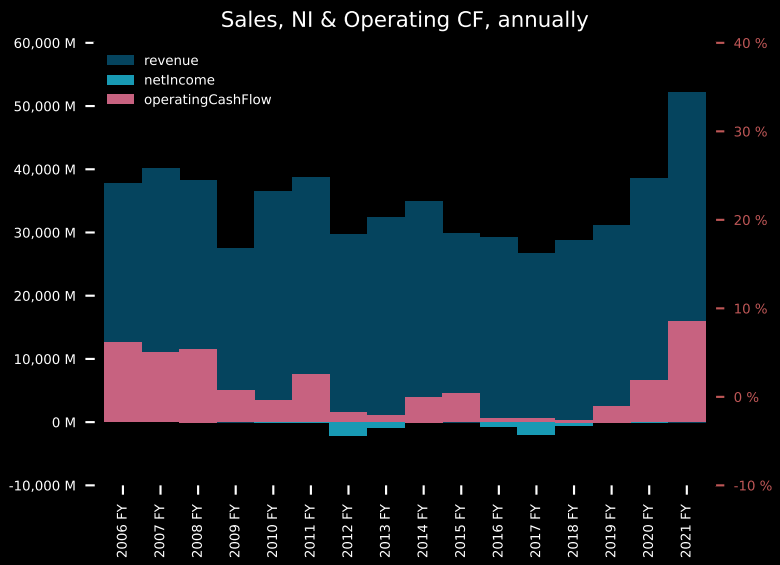


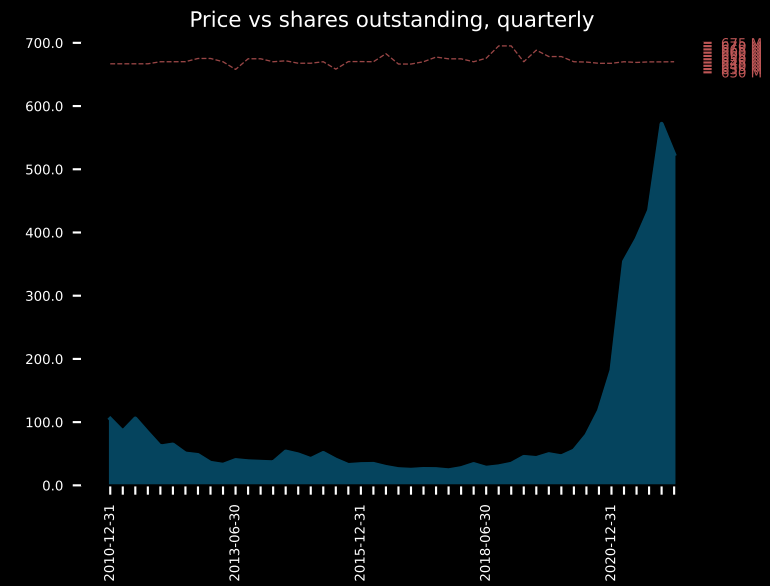


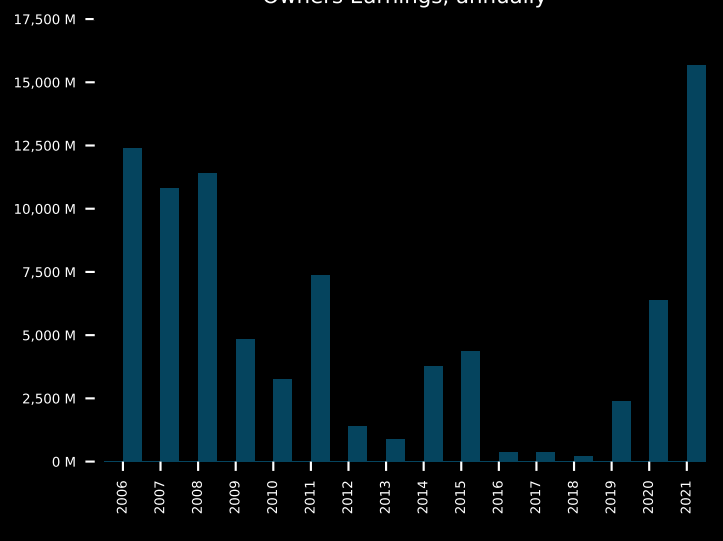
Yageo Corporation manufactures and sells passive components worldwide. The company offers automotive, current sensing, anti-sulfurated, thin film, thick film precision, thick film general purpose, array/network, high voltage, surge, lead free, Ni/Au termination, RF attenuator, and trimmable chip resistors; and MLCCs, such as general purpose, automotive, high voltage, array, low inductance, high-frequency, and soft termination capacitors. It also provides through-hole resistors comprising carbon film, metal film, metal glazed film, metal oxide film, zero and low ohmic, jumper wire, cement, aluminum housed, wire wound, and other resistors; and wireless components consisting of antennas, LTCC filters, and X2Y. In addition, the company offers electrolytic capacitors, including screw terminal, surface mount, snap-in, and radial capacitors; and inductors and coils, such as chip beads, multilayer chip inductors, wire wound chip

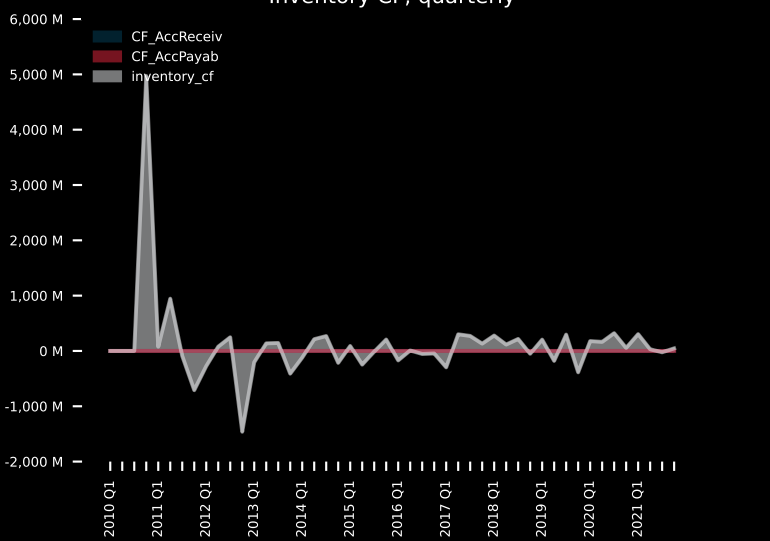




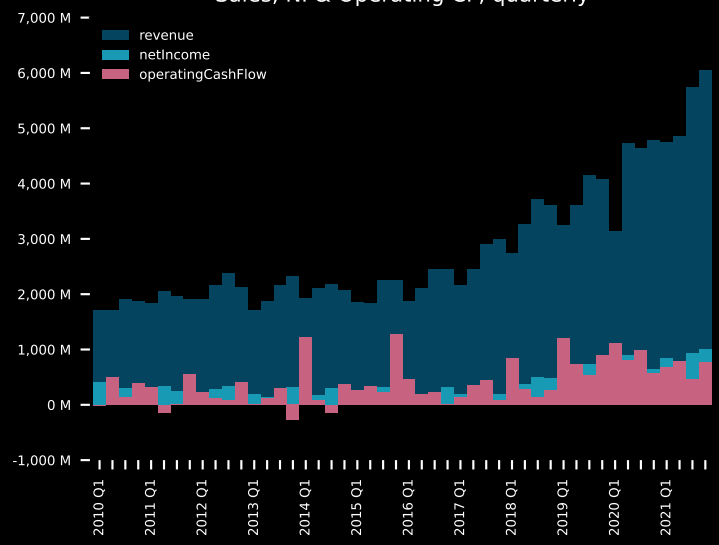


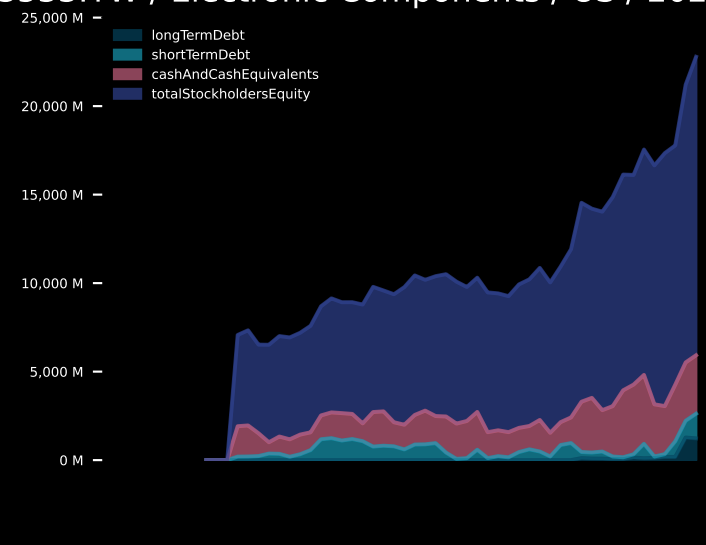


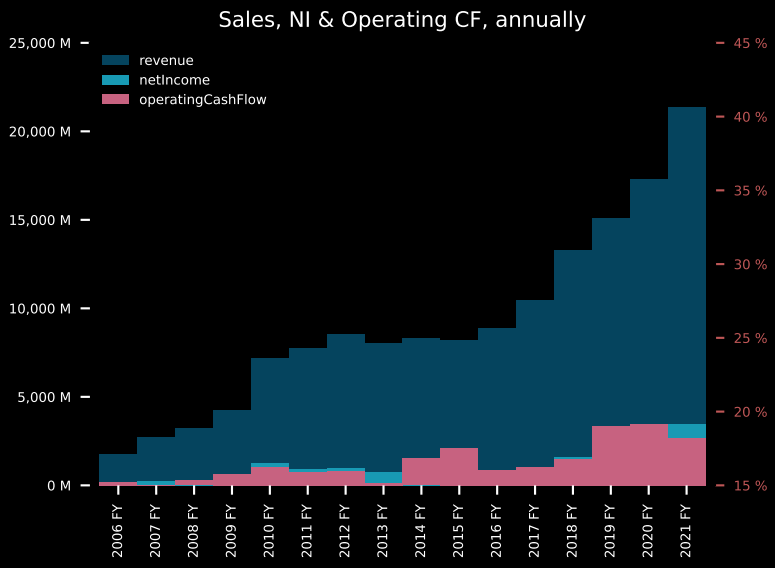


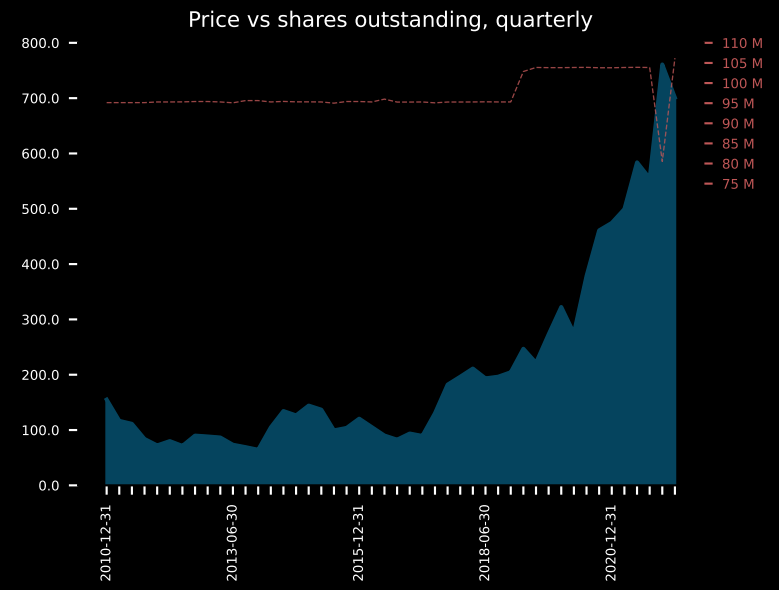


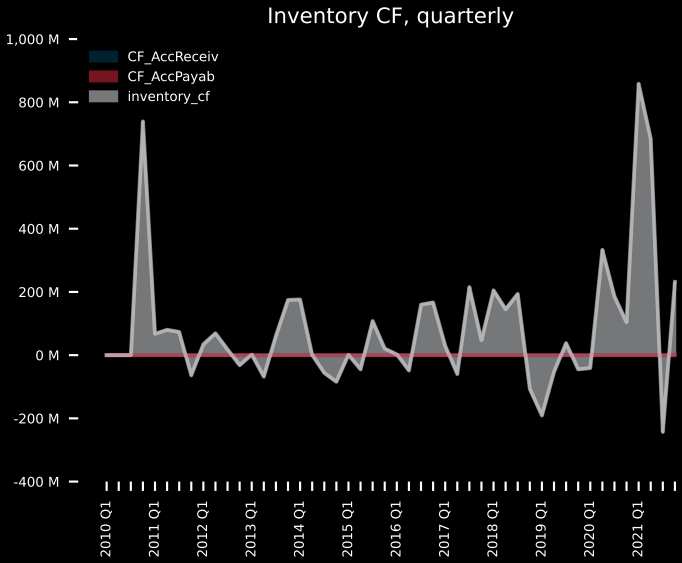
Nan Ya Printed Circuit Board Corporation manufactures and sells printed circuit boards (PCBs) and IC substrates in Taiwan, Mainland China, Korea, and internationally. It offers conventional PCBs that are used in the motherboards of desktops and notebooks, and home electrical appliances; high density interconnection that are used in smartphones, game consoles, GPS, PDAs, automobile appliances, and MP3 players; and rigid-flex PCBs for use in high-end portable devices and notebooks. The company also provides flip chip substrates comprising pin/land grid arrays for microprocessors; and ball grid arrays for graphic microprocessors, northbridge chipsets, high-end ASIC chipsets, and set-top box chipsets. In addition, it offers wire bond substrates for MCP, southbridge chipsets, communication, and networking applications, as well as for use in memory, portable devices, handsets, consumer electronics, and PC peripheral











Lotes Co., Ltd designs, manufactures, and sells connectors and CPU sockets for notebook and personal computers, mobile electronic devices, etc. under the LOTES brand in Taiwan, Mainland China, and internationally. Its products include socket, such as CPU, SIM card, SPI, and automotive sockets; memory, slot/edge card, and battery connectors; and I/O series connectors comprising of SlimSAS, OcuLink, USB, gen Z connector, audio jack, displayport, HDMI, RJ45, SATA/SAS, and sim card connectors. The company also offers DC, fan, USB, wire harness, and other cables; board to board solutions; traditional and new energy connectors, automotive wiring harness, and motorbike/electric motorbikes; and RF, FPC, and power connectors. In addition, it engages in the manufacture and trading of mechanical equipment, electronic components, and optical instruments; production of industrial robots, automation equipment

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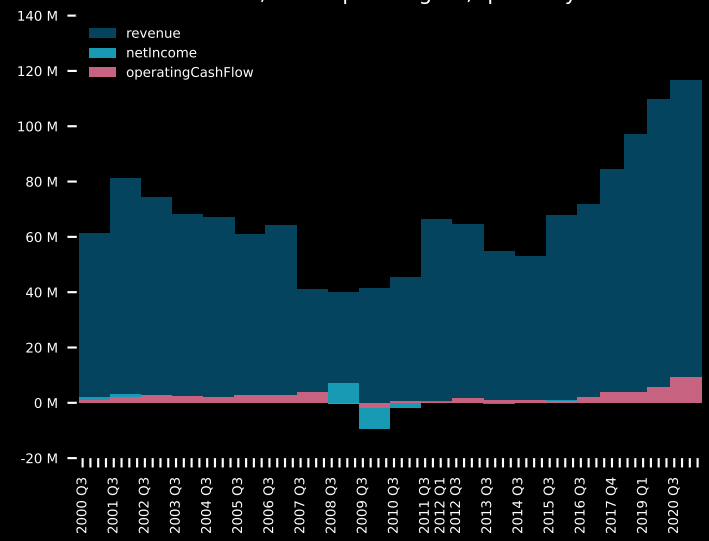

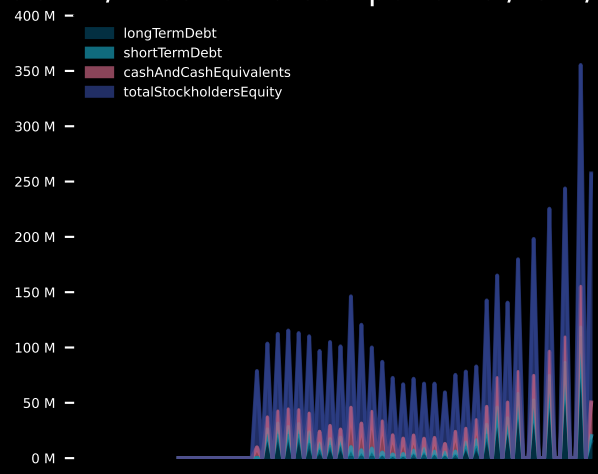

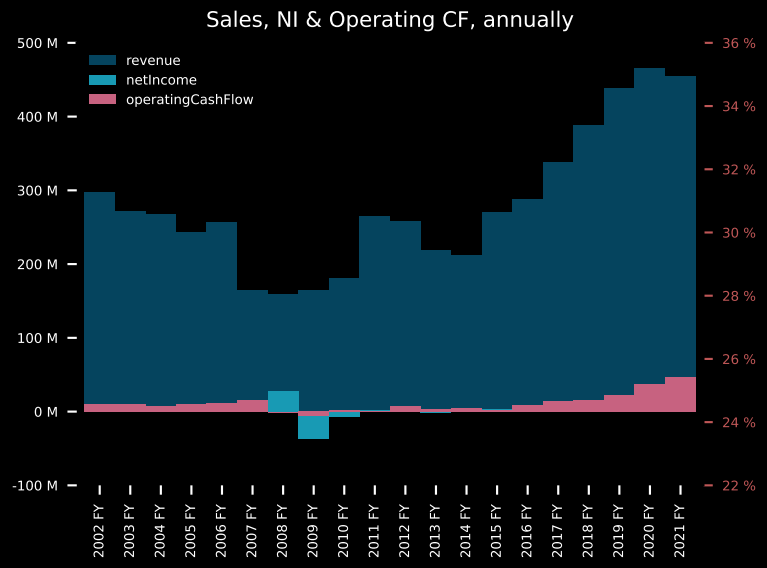

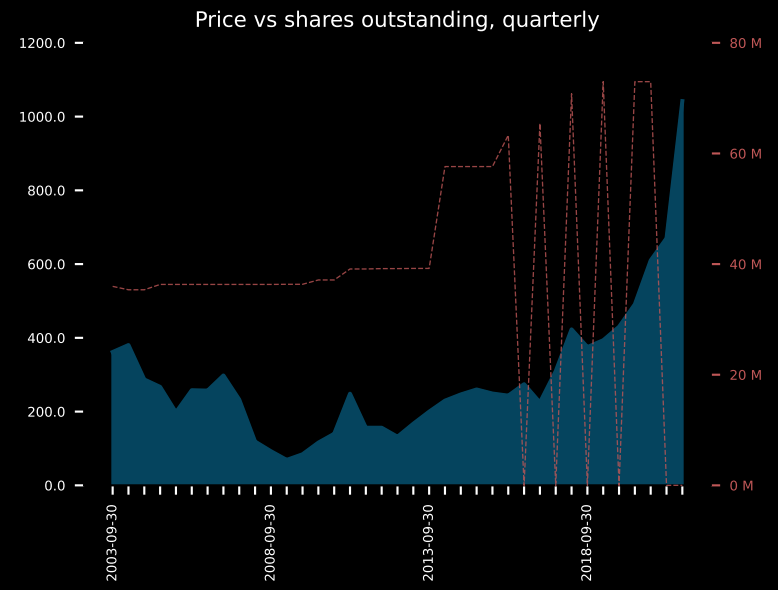

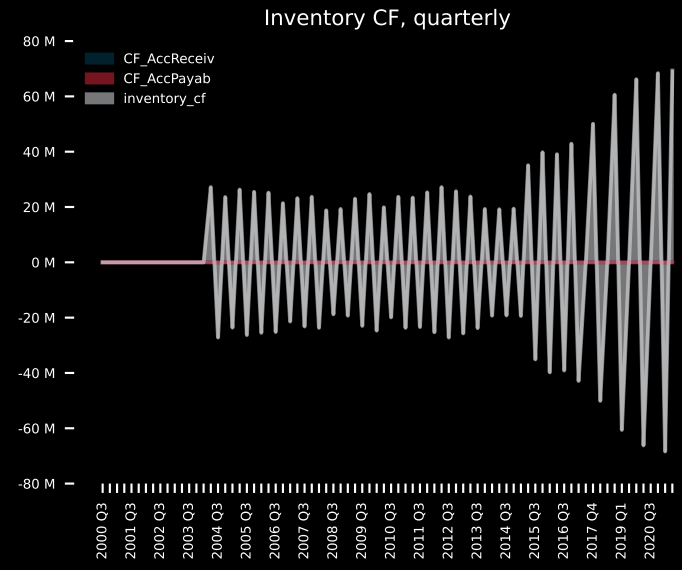

discoverIE Group plc designs, manufactures, and supplies components for electronic applications worldwide. It operates in two divisions, Design & Manufacturing, and Custom Supply. The company also offers technically demanding, customized electronic, photonic, and medical products to the industrial, medical, and healthcare markets. It serves customers in renewable energy, transportation, medical, and industrial and connectivity markets. The company was formerly known as Acal plc and changed its name to discoverIE Group plc in November 2017. discoverIE Group plc was incorporated in 1986 and is headquartered in Guildford, the United Kingdom.

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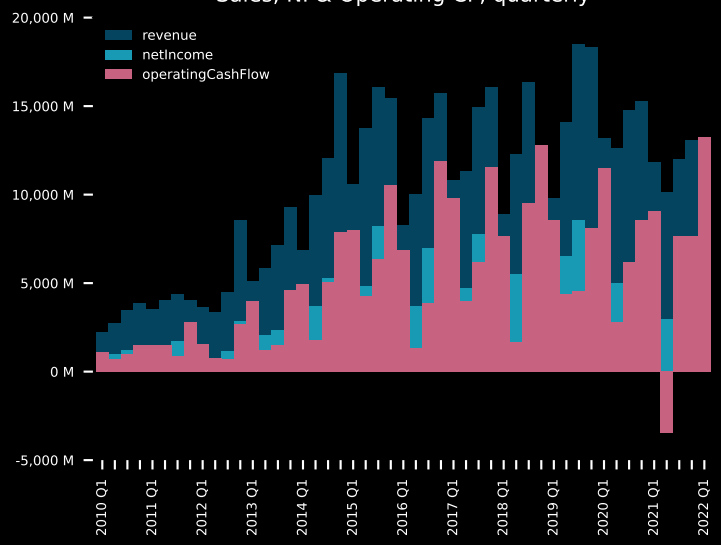

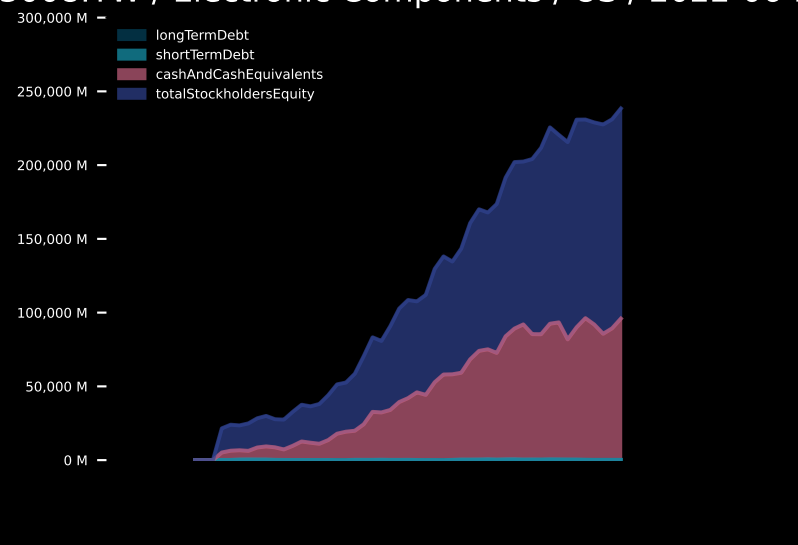

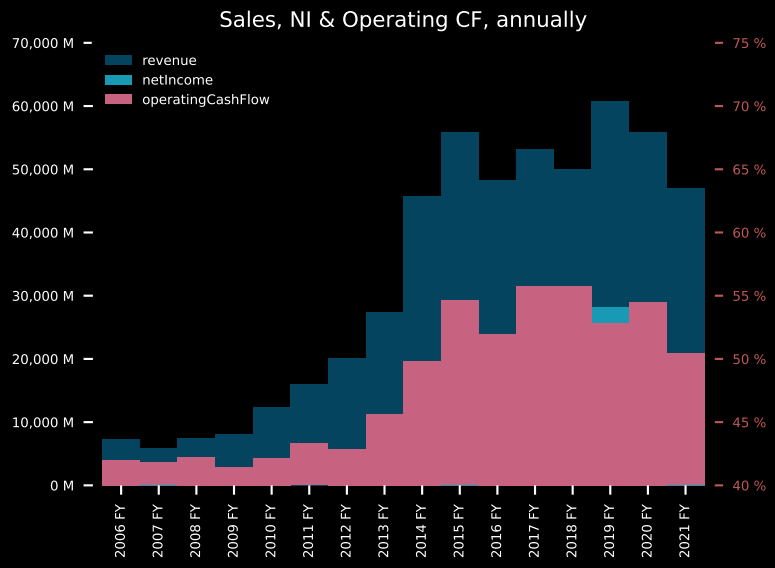

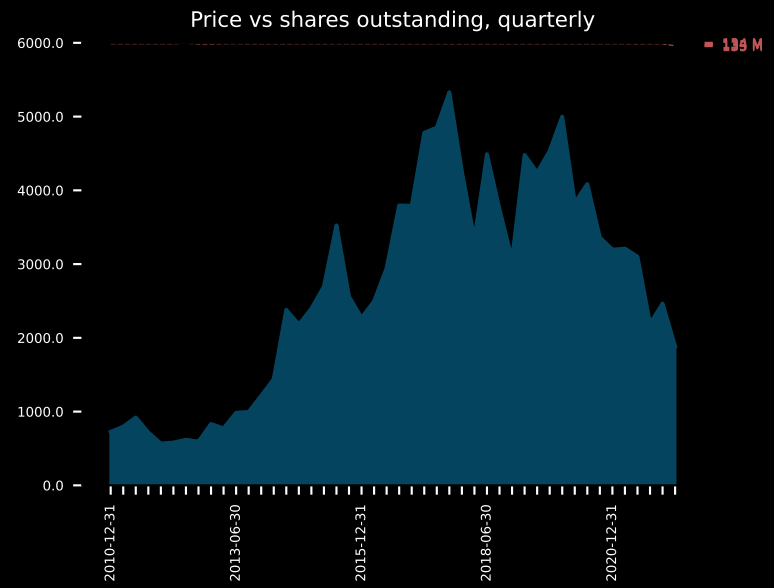

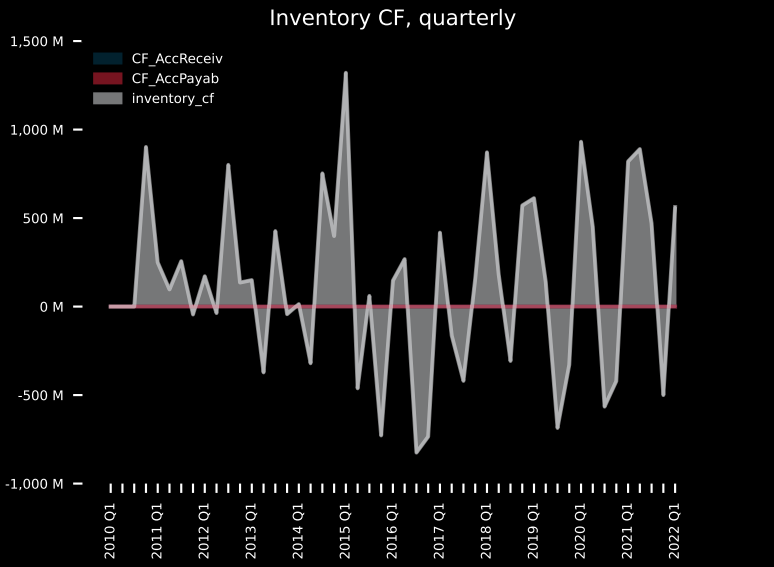

LARGAN Precision Co.,Ltd, together with its subsidiary, designs, manufactures, and sells photographic and optical equipment. The company offers optical lenses, which are used in perspective mirror, single and double binoculars, fax machines, microscope, scanners, multifunction printers, mobile phone lenses, drone camera lenses, mobile 3D structured light lenses, tablets, motion-controlled gaming systems, laptop computer lenses, smart TV lenses, IP camera lenses, and automobile lenses. It also engages in the die manufacturing; wholesale of precision instruments; and medical materials and equipment manufacturing. The company was founded in 1987 and is headquartered in Taichung, Taiwan.