

ASUS Tinker Edge T development board i.MX 8M

Merk : ASUS

Artikelcode: 90ME0140-M0EAY0

Productnaam : Tinker Edge T



ASUS Tinker Edge T. Processorfabrikant: NXP, Processormodel: i.MX 8M. Maximum intern geheugen: 1 GB, Intern geheugentype: LPDDR4-SDRAM, Geheugen kanaal: Dubbelkanaals. USB-versie: 2.0/3.2 Gen 1 (3.1 Gen 1), Wi-Fi-standaarden: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Ethernet interface type: Gigabit Ethernet. On-board graphics adapter model: Vivante GC7000 Lite. DC voltage input: 12 - 19 V



Processor		Poorten & interfaces	
Processorfabrikant *	NXP	UART	✓
Processormodel *	i.MX 8M	GPIO-interface	✓
Geheugen		I2C-interface	✓
Maximum intern geheugen *	1 GB	MPI DSI-interface	✓
Intern geheugentype *	LPDDR4-SDRAM	MPI CSI-interface	✓
Geheugen kanaal	Dubbelkanaals	SPI-interface	✓
Soort flashgeheugen	eMMC	I2S-interface	✓
eMMC capaciteit	8 GB	PCM-interface	✓
Compatibele geheugenkaarten	MicroSD (TransFlash)	Aantal MIPI CSI-2 (24-pins)-poorten	2
Poorten & interfaces		Grafisch	
Wifi *	✓	Ingebouwde grafische adapter	✓
Wi-Fi-standaarden	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	On-board graphics adapter model	Vivante GC7000 Lite
Ethernet LAN *	✓	Energie	
Ethernet interface type	Gigabit Ethernet	DC voltage input	12 - 19 V
USB-versie *	2.0/3.2 Gen 1 (3.1 Gen 1)	Gewicht en omvang	
Aantal USB-aansluitingen *	3	Afmetingen bord *	85,5 x 54 mm
Aantal USB 3.2 Gen 1 (3.1 Gen 1)-poorten	3	Eisen aan de omgeving	
Aantal Ethernet LAN (RJ-45)-poorten	1	Bedrijfstemperatuur (T-T)	0 - 50 °C
PWM digitale I/O-pinnen	3	Temperatuur bij opslag	-40 - 80 °C
Aantal HDMI-poorten	1	Relatieve vochtigheid in bedrijf (V-V)	0 - 85 procent
MIPI DSI 1.1	✓		



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