

MC9S08LL64CLK (Active)

S08LL 8-bit MCU, S08 core, 64KB Flash, 40MHz, QFP 80

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Package :
LQFP

plastic, low profile quad; flat leaded package; 80 terminals; 0.65 mm pitch; 14 mm x 14 mm x 1.6 mm body

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Operating Characteristics

Parameter	Value	Parameter	Value
Flash (kB)	64	Timers	2
RAM (kB)	4	Segment LCD	4x40,8x36
Operating Frequency [Max (MHz)]	40	Supply Voltage [Min to Max] (V)	1.8 to 3.6
Bus Frequency (typ) (MHz)	20	GPIO	39
SPI	1	Ambient Operating Temperature (Min to Max) (°C)	-40 to 85
PWM	2	SCI	2

Environmental Information

Material Declaration	PbFree	EU RoHS	Halogen Free	RHF Indicator	2nd Level Interconnect	REACH SVHC	Weight (mg)
MC9S08LL64CLK (935322941557)	Yes	Yes Certificate Of Analysis (CoA)	Yes	D	e3	REACH SVHC	637.55
MC9S08LL64CLKR (935322941528)	Yes	Yes Certificate Of Analysis (CoA)	Yes	D	e3	REACH SVHC	637.55

Quality Information

Material Declaration	Safe Assure Functional Safety	Moisture Sensitivity Level (MSL)	Peak Package Body Temperature (PPT) (C°)	Maximum Time at Peak Temperatures (s)
		Lead Free Soldering	Lead Free Soldering	Lead Free Soldering
MC9S08LL64CLK (935322941557)	No	3	260	40
MC9S08LL64CLKR (935322941528)	No	3	260	40

Shipping Information

Part Number	Harmonized Tariff (US) Disclaimer	Export Control Classification Number (US)
MC9S08LL64CLK (935322941557)	854231	3A991A2

Part Number	Harmonized Tariff (US) Disclaimer	Export Control Classification Number (US)
MC9S08LL64CLKR (935322941528)	854231	3A991A2

Product Change Notification

Part Number / 12NC	Issue Date	Effective Date	PCN	Title
MC9S08LL64CLK (935322941557)	2017-12-20	2018-01-03	201710023I	New PQ Label Input for Non-MPQ Shipments
MC9S08LL64CLKR (935322941528)				

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