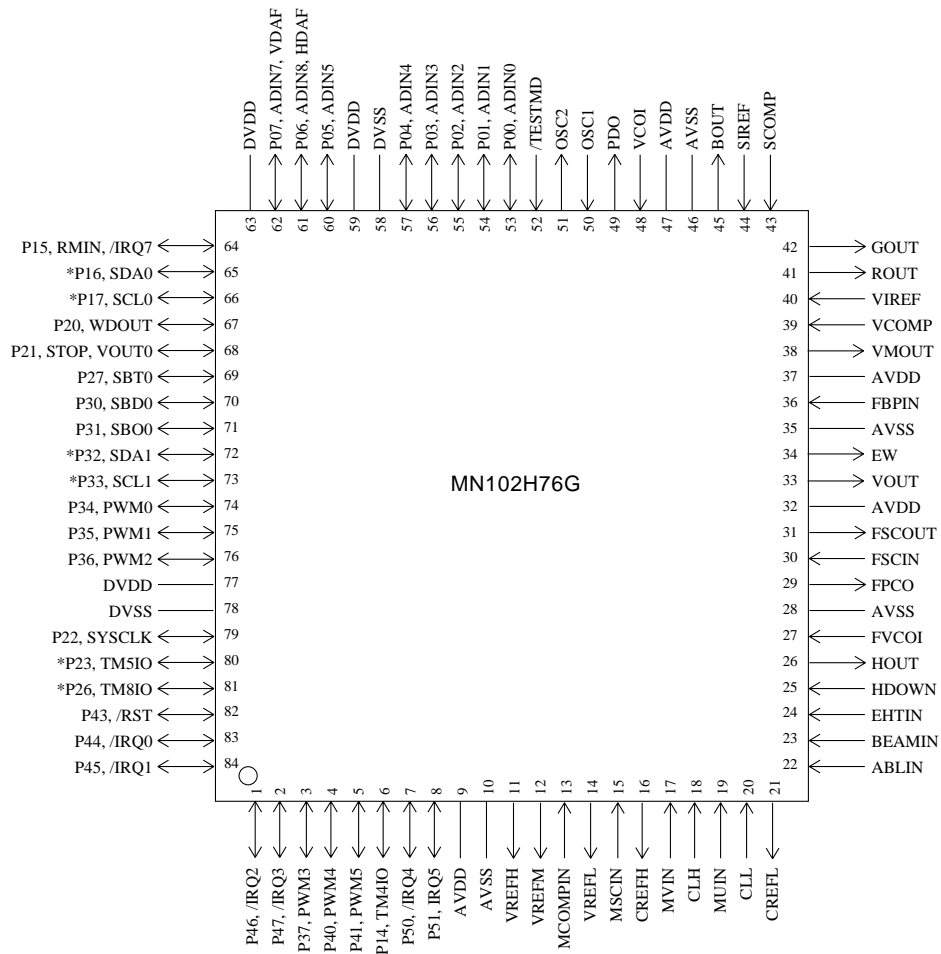


□ MN102H76G

Type	MN102H76G	
ROM (×16-bit)	128 K	
RAM (×16-bit)	4 K	
Package	QFP084-P-1818E *Lead-free	
Minimum Instruction Execution Time	83 ns (at 3.135 V to 3.465 V, 12 MHz)	
Interrupts	External (7 lines) Internal (28 lines) : Timer × 11, A/D × 1, Undefined command × 1, RESET × 1, OSD × 2, Serial × 2, I ² C × 1, Caption × 2, Remote control × 1, Address coincidence × 4, HSYNC × 1, VSYNC × 1	
Timer Counter	8-bit timer × 10 Watchdog timer: 17-bit × 1	
Serial Interface	I ² C × 1: for multimaster mode, bus line (output) has 2 systems Sync serial / UART × 1	
Caption	• Built-in sync separator × 1	
I/O Pins	I/O	35 • Common use
A/D Inputs	10-bit × 8-ch. (with S/H)	
PWM	8-bit × 6-ch.	
Special Ports	Remote control reception	
CRTC	3-layer display (graphics, characters, splits)	
Notes	Remote control input discriminant circuit built-in, build-in NTSC video signal processing circuit, built-in 3-line comb filter	

Pin Assignment



QFP084-P-1818E *Lead-free

*5 V dielectric Nch open drain output pin

Support Tool

In-circuit Emulator

PX-ICE102H76-QFP084-P-1818E

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