Actions

MICROELECTRONICS Co., Ltd.

Actions-micro AM8360D Datasheet

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Memory sub system
512Mb DDR2 Memory Die with Controller
USB OTG
Multi-media sub system
H.264 Enecoder
JPEG Encoder
Video Compressor
Video Decompressor
Multi-media Transfer Schedule Manager
Display sub system
OSD
HDMI RX
Low speed interfaces

- ✓ **Transfer Schedule Manager**

- ✓ **MEMORY Storage**

- ✓ **DMA CONTROLLER**

- ✓ **Boot ROM**

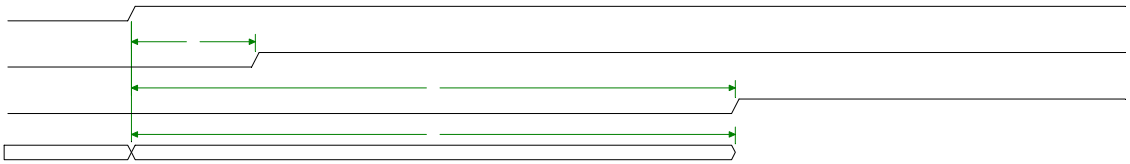
- ✓ **USB 2.0 OTG**

- ✓ **OTHER INTERFACE**

- ✓ **POWER**

✓ **PACKAGE**

3 Power on Sequence



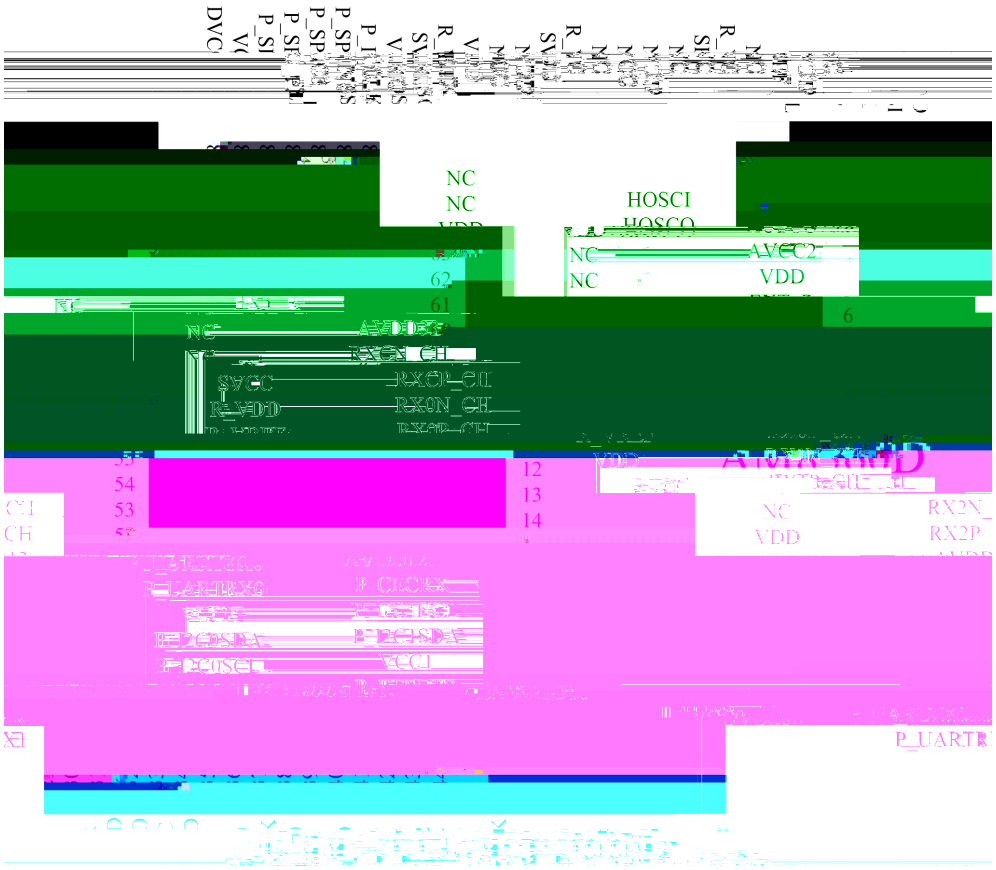
4 Pin Out Specification

PIN NUM	PIN NAME	Function
	HOSCI	
	HOSCO	
	AVCC2	
	VDD	
	EXT_R	
	AVDD33	
	RXCN_CH	
	RXCP_CH	
	RX0N_CH	
	RX0P_CH	
	RX1N_CH	
	RX1P_CH	
	RX2N_CH	
	RX2P_CH	
	AVDD12	
	P_CECRX	
	P_I2C1SCL	
	P_I2C1SDA	
	VCC1	
	P_RESETB	
	P_UARTTX1	
	P_UARTRX1	
	P_MACRER	
	P_MACRVLD	
	P_MACMDIO	
	P_MACMDC	
	P_MACTVLD	
	P_MACTD1	
	P_MACTD0	
	P_MACTCLK	
	VCC0(2.5V)	
	P_MACRD1	
	P_MACRD0	
	P_MACTD2	
	P_MACTD3	

PIN NUM	PIN NAME	TYPE	Function

`H

4.1 Pin out diagram



5 Operating Conditions

SYMBOL	PARAMETER	RATING	UNITS

SYMBOL	PARAMETER	MIN	TYP	MAX	UNITS

SYMBOL	PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS

6 Crystal Requirements

	±
	±