

Register Test Report					
Date	19/10/26	12:39:58			
Register Name	Accesor Function	Test Result		Git Commit Hash	
		Pass	Fail		
gmac_reg_phy_control_h	XGMAC_WritePHYControlH()	Yes		74941d5	
	XGMAC_ReadPHYControlH()	Yes		74941d5	
gmac_reg_phy_control_l	XGMAC_WritePHYControlL()	Yes		74941d5	
	XGMAC_ReadPHYControlL()	Yes		74941d5	
gmac_reg_mac_address	XGMAC_SetMACAddress()	Yes		74941d5	
	XGMAC_GetMACAddress()	Yes		74941d5	
gmac_reg_local_ip_address	XGMAC_SetLocalIPAddress()	Yes		74941d5	
	XGMAC_GetLocalIPAddress()	Yes		74941d5	
gmac_reg_gateway_ip_address	XGMAC_SetGatewayIPAddress()	Yes		74941d5	
	XGMAC_GetGatewayIPAddress()	Yes		74941d5	
gmac_reg_multicast_ip_address	XGMAC_SetMulticastIPAddress()	Yes		74941d5	
	XGMAC_GetMulticastIPAddress()	Yes		74941d5	
gmac_reg_multicast_ip_mask	XGMAC_SetMulticastIPMask()	Yes		74941d5	
	XGMAC_GetMulticastIPMask()	Yes		74941d5	
gmac_reg_udp_port	XGMAC_SetUDPPort()	Yes		74941d5	
	XGMAC_GetUDPPort()	Yes		74941d5	
gmac_reg_udp_port_mask	XGMAC_SetUDPPortMask()	Yes		74941d5	
	XGMAC_GetUDPPortMask()	Yes		74941d5	
gmac_reg_mac_enable	XGMAC_EnableXGMAC()	Yes		74941d5	
	XGMAC_DisableXGMAC()	Yes		74941d5	
gmac_reg_mac_promiscuous_mode	XGMAC_EnableXGMACPromiscuousMode()	Yes		74941d5	
	XGMAC_DisableXGMACPromiscuousMode()	Yes		74941d5	
gmac_reg_counters_reset	XGMAC_ResetStatisticsCounters()	Yes		74941d5	
gmac_reg_core_type	XGMAC_GetCoreType()	Yes		74941d5	
gmac_reg_phy_status_h	XGMAC_GetPHYStatusH()	Yes		74941d5	
gmac_reg_phy_status_l	XGMAC_GetPHYStatusL()	Yes		74941d5	
gmac_reg_tx_packet_rate	XGMAC_GetTXPacketRate()	Yes		74941d5	
gmac_reg_tx_packet_count	XGMAC_GetTXPacketCount()	Yes		74941d5	
gmac_reg_tx_valid_rate	XGMAC_GetTXValidRate()	Yes		74941d5	
gmac_reg_tx_valid_count	XGMAC_GetTXValidCount()	Yes		74941d5	
gmac_reg_tx_overflow_count	XGMAC_GetTXOverflowCount()	Yes		74941d5	
gmac_reg_tx_afull_count	XGMAC_GetTXAFullCount()	Yes		74941d5	
gmac_reg_rx_packet_rate	XGMAC_GetRXPacketRate()	Yes		74941d5	
gmac_reg_rx_packet_count	XGMAC_GetRXPacketCount()	Yes		74941d5	
gmac_reg_rx_valid_rate	XGMAC_GetRXValidRate()	Yes		74941d5	
gmac_reg_rx_valid_count	XGMAC_GetRXValidCount()	Yes		74941d5	
gmac_reg_rx_overflow_count	XGMAC_GetRXOverflowCount()	Yes		74941d5	
gmac_reg_rx_almost_full_count	XGMAC_GetRXAFullCount()	Yes		74941d5	
gmac_reg_rx_bad_packet_count	XGMAC_GetRXBadPacketCount()	Yes		74941d5	
gmac_reg_arp_size	XGMAC_GetARPSize()	Yes		74941d5	
gmac_reg_tx_word_size	XGMAC_GetTXWordSize()	Yes		74941d5	
gmac_reg_rx_word_size	XGMAC_GetRXWordSize()	Yes		74941d5	
gmac_reg_tx_buffer_max_size	XGMAC_GetTXBufferMaximumSize()	Yes		74941d5	
gmac_reg_rx_buffer_max_size	XGMAC_GetRXBufferMaximumSize()	Yes		74941d5	

ARP Interface Test Report			
Date	19/10/26	12:39:58	
Write Interface	Accesor Function	Test Result	
		Pass	Fail
gmac_arp_cache_write_enable	XGMAC_WriteARPCacheEntry()		
gmac_arp_cache_write_data			
gmac_arp_cache_write_address			
Read Interface			
gmac_arp_cache_read_enable	XGMAC_ReadARPCacheEntry()		
gmac_arp_cache_read_data			
gmac_arp_cache_read_address			

CPU Receive Interface Test Report			
Date	19/10/26	12:39:58	
Ringbuffer Interface	Accesor Function	Test Result	
		Pass	Fail
gmac_rx_ringbuffer_slot_id	XGMAC_SetRXSlotID()		
	XGMAC_GetRXSlotID()		
gmac_rx_ringbuffer_slot_clear	XGMAC_ClearRXSlot()		
gmac_rx_ringbuffer_slot_status	XGMAC_GetRXSlotStatus()		
gmac_rx_ringbuffer_number_slots_filled	XGMAC_GetRXNumberOfSlotsFilled()		
Read Interface			
gmac_rx_data_read_enable	XGMAC_ReceiveEthernetFrame()		
gmac_rx_data_read_byte_enable			
gmac_rx_data_read_data			
gmac_rx_data_read_address			

CPU Transmit Interface Test Report			
Date	19/10/26	12:39:58	
Ringbuffer Interface	Accesor Function	Test Result	
		Pass	Fail
gmac_tx_ringbuffer_slot_id	XGMAC_SetTXSlotID()		
	XGMAC_GetTXSlotID()		
gmac_tx_ringbuffer_slot_set	XGMAC_SetTXSlot()		
gmac_tx_ringbuffer_slot_status	XGMAC_GetTXSlotStatus()		
gmac_tx_ringbuffer_number_slots_filled	XGMAC_GetTXNumberOfSlotsFilled()		
Read Interface			
gmac_tx_data_read_enable	XGMAC_TransmitEthernetFrame()		
gmac_tx_data_read_byte_enable			
gmac_tx_data_read_data			
gmac_tx_data_read_address			
Write Interface			
gmac_tx_data_write_enable			
gmac_tx_data_write_byte_enable			
gmac_tx_data_write_data			
gmac_tx_data_write_address			