Tier 1 suppliers	Tier 2 and below upstream suppliers							
Tier 1 suppliers	Tier 2 suppliers	Tier 3 suppliers	Tier 4 suppliers	Tier 5 suppliers	Tier 6 suppliers	Tier 7 suppliers	Tier 8 suppliers	Tier 9 suppliers
Procured item	Components and materials	Components and materials	Components and materials	Components and materials	Components and materials	Components and materials	Components and materials	Components and materials
Server (main unit, rack console)	Main server unit	Rack rails and case	Metal case parts	Stainless steel	Pig iron	Iron ore		
						Coke	Coal	
					Chromium, nickel	Chromium ore, nickel ore		
			Surface Coating Materials	Synthetic resin	Petrochemical feedstock	Napthalene	Petroleum	
				Pigment	Titanium dioxide	Titanium ore		
					Iron oxide	Iron ore		
		Heat sinks	Aluminum sheets	Aluminum	Bauxite			
			Anodized surface treatment materials	Sulfuric acid	Liquid gas			
					Petroleum			
		PCB (Printed Circuit Board)	Printed circuit board	Glass epoxy substrate	Synthetic resin	Petrochemical feedstock	Napthalene	Petroleum
					Glass fiber	Silica Sand (Quartz)		
						Soda ash		
						Limestone		
					Copper foil	Copper	Copper ore	
				Resist ink (etching liquid)	Synthetic resin	Petrochemical feedstock	Napthalene	Petroleum
			Control IC/power IC	Sealing material	Synthetic resin	Petrochemical feedstock	Napthalene	Petroleum
				Silicon wafer	Silicon ingot	Silicon wafer	Quartz	
				Oxide layer	Silane (SiH_4)	Silicon	Quartz	
				Nitride film	Ammonia			
				Metal wire	Copper	Copper ore		
				Barrier layer	Titanium	Titanium ore		
				Bonding wire (gold wire)	Gold ore			
				Solder alloy	Tin, gold	Tin ore, gold ore		
				Package substrate	Synthetic resin	Petrochemical feedstock	Naphthalene	Petroleum
					Glass filler	Silica Sand (Quartz)		
						Soda ash		
						Limestone		
					Copper foil	Copper	Copper ore	
					Gold-nickel alloy	Gold, Nickel	Chromium ore, nickel ore	
			DRAM memory	Sealing material	Synthetic resin	Petrochemical feedstock	Napthalene	Petroleum
				Silicon wafer	Silicon ingot	High-purity silicon	Quartz	
				Oxide layer	Silane (SiH_4)	Silicon	Quartz	
				Nitride film	Ammonia			
				Metal wire	Copper	Copper ore		
				Barrier layer	Titanium	Titanium ore		
				Bonding wire (gold wire)	Gold ore			
				Solder alloy	Tin, gold	Tin ore, gold ore		
				Package substrate	Synthetic resin	Petrochemical feedstock	Napthalene	Petroleum
					Glass filler	Silica Sand (Quartz)		
						Soda ash		
						Limestone		
					Copper foil	Copper	Copper ore	
					Gold-nickel alloy	Gold, Nickel	Chromium ore, nickel ore	
				High-Dielectric-Constant	Hafnium oxide (HfO_2)	Hafnium ore		
			CPU, ASIC	Sealing material	Synthetic resin	Petrochemical feedstock	Napthalene	Petroleum
				Silicon wafer	Silicon ingot	High-purity silicon	Quartz	
				Oxide layer	Silane (SiH_4)	Silicon	Quartz	
				Nitride film	Ammonia			
				Metal wire	Copper	Copper ore		
				Barrier layer	Titanium	Titanium ore		
				Bonding wire (gold wire)	Gold ore			
				Solder alloy	Tin, gold	Tin ore, gold ore		
				Package substrate	Synthetic resin	Petrochemical feedstock	Napthalene	Petroleum
					Glass filler	Silica Sand (Quartz)		
						Soda ash		
						Limestone		
					Copper foil	Copper	Copper ore	
					Gold-nickel alloy	Gold, Nickel	Chromium ore, nickel ore	
				Heat spreader	Nickel	Copper	Copper ore	
						Nickel plate	Nickel	Nickel ore
			Resistors	Ceramic capacitors	Aluminum	Bauxite		
				Resistor film (metal film)	Lithium oxide	Platinum group metal ore		
				External electrode	Silver powder	Silver	Silver ore	
					Non-ferrous metal plating	Non-ferrous metal (Ni,Sn)	Non-ferrous metal mineral	
				Packaging	Synthetic resin	Petrochemical feedstock	Napthalene	Petroleum
			Ceramic capacitors	Ceramic	Barium titanate	Barium ore, titanium ore		
				External electrode	Conductive paste	Silver	Silver ore	
				Internal electrode	Conductive paste	Nickel	Nickel ore	
				Lead wiring	Copper wire (bare wire)	Copper	Copper ore	
					Tin plating	Tin	Tin ore	
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