

ARP

Bit Number

11 1111 1111 2222 2222 2233
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1

Hardware Address Type				Protocol Address Type			
H/W Addr Len		Prot Addr Len		Operation			
Source Hardware Address							
Source H/W Address (cont.)				Source Protocol Address			
Source Protocol Addr (cont.)				Target Hardware Address			
Target Hardware Address (cont.)							
Target Protocol Address							

ARP Parameters

Hardware Address Type

- 1 Ethernet
- 6 IEEE 802 LAN

Protocol Address Type

- 2048 IPv4 (0x0800)

Hardware Address Length

- 6 for Ethernet/IEEE 802

Protocol Address Length

- 4 for IPv4

Operation

- 1 Request
- 2 Reply