

## Check Unit is a Valid Address, ASSIG\$

The ASSIG\$ system routine can be used to check if a unit-id is valid.

### Invocation

You can check if a unit-id is valid by coding a CALL statement of the form:

```
CALL UAD$ USING unit-id
```

where *unit-id* is a 3-character variable specifying the unit-id to be checked. An exception is signalled if the unit-id does not represent a valid address.

### Exception Conditions

Exception condition 3 will be signalled if the unit address supplied is not "?bb", a number in the range 110 to 999 or a LAN address consisting of a letter followed by two digits.

The unit-id can be used to determine the device type, as implied by the first character of the address:

Unit Address	Device Type
1xx	local discrete direct access device on non-separated systems
2xx	local direct access domain or subunit on non-separated systems
3xx	reserved
4xx	reserved
5xx	Printer
6xx	direct access domain or subunit on the master computer on a network or separated system
7xx	reserved
8xx	remote discrete direct access device
9xx	remote direct access domain or subunit
cxx	discrete direct access device on network or separated system - the system or computer designated by the initial letter
Cxx	direct access domain or subunit on a network or separated system - the system or computer designated by the initial letter

**Table 15.8.3 - Unit Addresses and Device Types**