getIPbyname
  returns the IP address of a given hostname

USAGE

  #include <net.h>

  uint32_t getIPbyname(hostname)
  char *hostname;

DESCRIPTION

  getIPbyname attempst to retrun the IP address for the hostname supplied.

It uses a file '/etc/hosts' to find the IP address for the host. If '/etc/hosts' can not be opened, -**1L** is returned. -**1L** is also returned when not mathing host can be found while parsing.

Any line in '/etc/hosts' that starts with an asterisk '*', is regarded as comment and subsequently skipped.

For saving memory usage some size limitations are implied:

MAX_HOSTS_LINE is 63, which should be suffiecient for this environment.

Format of '/etc/hosts'

```
* this is a comment line
192.168.1.1        myhost.mydomain
192.168.1.10       dummy.mydomain        gadget
```

Parsing can be for a full domain name, a host name or one (1) alias.

getIPbyname("gadget") would return 192.168.1.10 (0xc0a8010a)

getIPbyname("myhost") would return 192.168.1.1 (0xc0a80101).

getIPbyname("dummy.mydomain") would return 192.168.1.10 (0xc0a8010a)

C Networking Functions