Digital board description

There are two digital boards, one is RFS2212/2214s digital board, its circuit description to see D12812A.sch(i.e rfs2300.sch1). Another digital board is added ,its Ethernet circuit, to see rfs2300.sch2 and description following :

System consist of controller(MCU) witch Ethernet function D1(CS6208) and DSP U1A (TMS320F2812) . Each other use parallel way communication to exchange data. DSP U1A (TMS320F2812) function to see D12812A.sch description.

MCU(D1) communicate host computer and controlled DSP (U1A) achieved network Communication via Ethernet port with reader .

Where: D2 system program storage, D3 system operation data storage ,

D4 system reset /control ,   D5 RS232 interface ,

D6 input/output buffer interface,

D7 output buffer interface,

D8 real time clock ,

G1 20MHz system operation oscillator,

G2 32768 real time clock oscillator .