EF - Backend vs .NET Datatypes

Here's a list of what datatypes that Entity Framework uses to store .NET datatypes in a couple different database engines.

.NET Datatype	SQL Server	PostgreSQL	SQLite	Comments
bool	bit	boolean	INTEGER	
byte	tinyint	smallint (Postgres lack tinyint)	INTEGER	
short	smallint	smallint	INTEGER	
int (32-bit)	int	integer	INTEGER	
long (64-bit)	bigint	bigint	INTEGER	
decimal	decimal(18,2)	numeric(18,2) Adjustable for domain	REAL	
float	real	real	REAL	
double	float	double precision	REAL	
Guid	uniqueidentifier	uuid	TEXT	
string	nvarchar(max)	text	TEXT	
char	nchar(1)	char(1)	TEXT	
byte[]	varbinary(max)	bytea	BLOB	
DateTime	datetime2	timestamp without time zone	TEXT Use ISO-8601 text for SQLite	
DateTimeOffset	datetimeoffset	timestamp with time zone	TEXT	

TimeSpan	time	interval	TEXT	
JsonDocument / Dictionary<string, object>	nvarchar(max) SQL Server has no native JSON type; EF stores as text.	jsonb Native JSON support	TEXT	
object	sql_variant Only if configured manually	jsonb Native JSON support	TEXT	

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